86-302-15275

DIAMOND DRILLING
REPORT ON THE TARA 86 GROUP
CASSIAR DISTRICT
LIARD MINING DIVISION

OWNER:	Erickson Gold Mining Corporation Cusac Industries Ltd.
OPERATOR:	Erickson Gold Mining Corporation
WORK DONE ON:	Cordoba Claim (12 units)
WORK PERFORMED:	24 October - November 15, 1985
LOCATED:	NTS 104 P/4E Latitude 59°11.5' Longitude 129°40'
BY:	Eric Dussell, geologist, under the direction of R. Somerville, P. Eng.
DATE:	February 28, 1986

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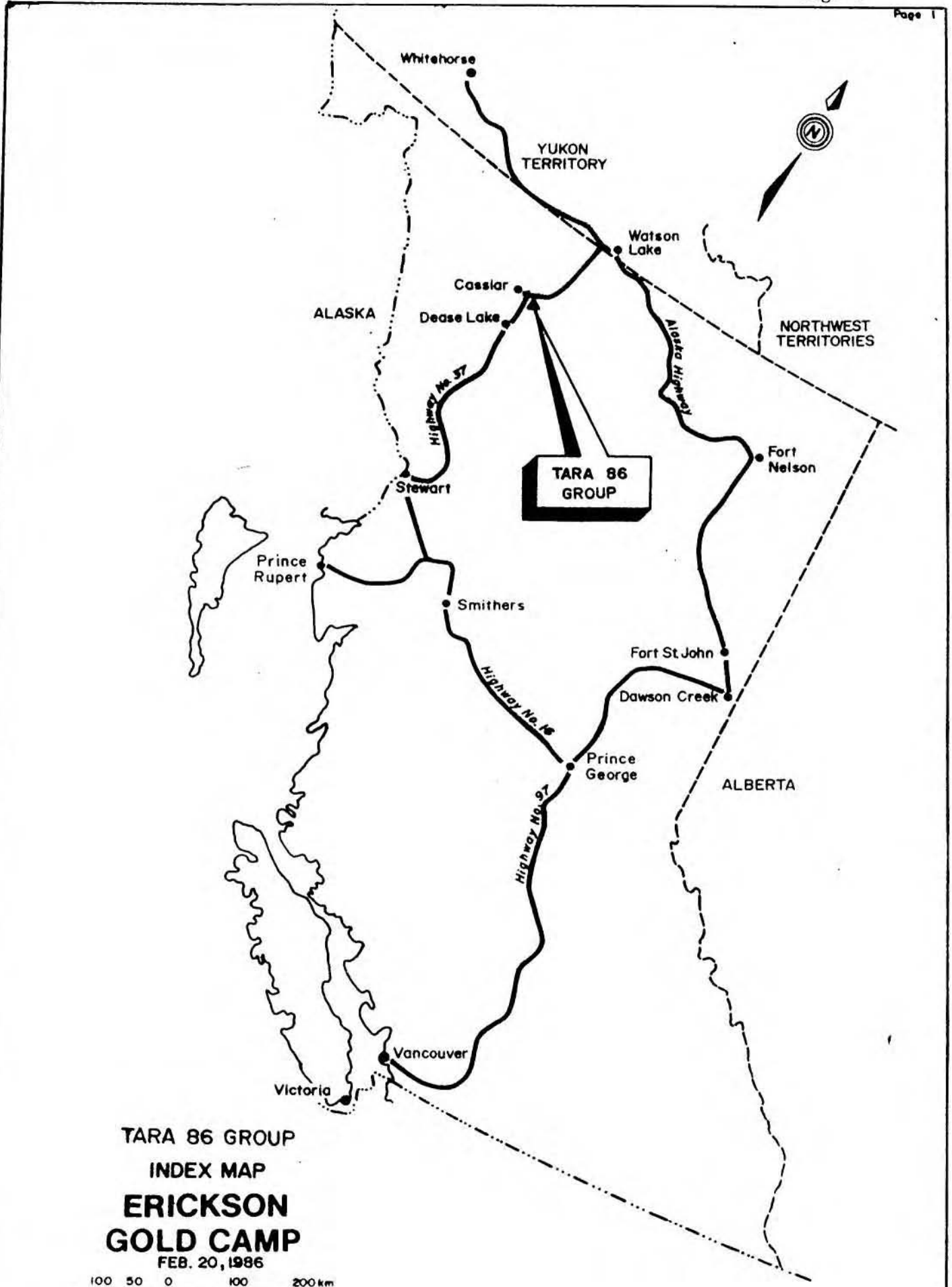
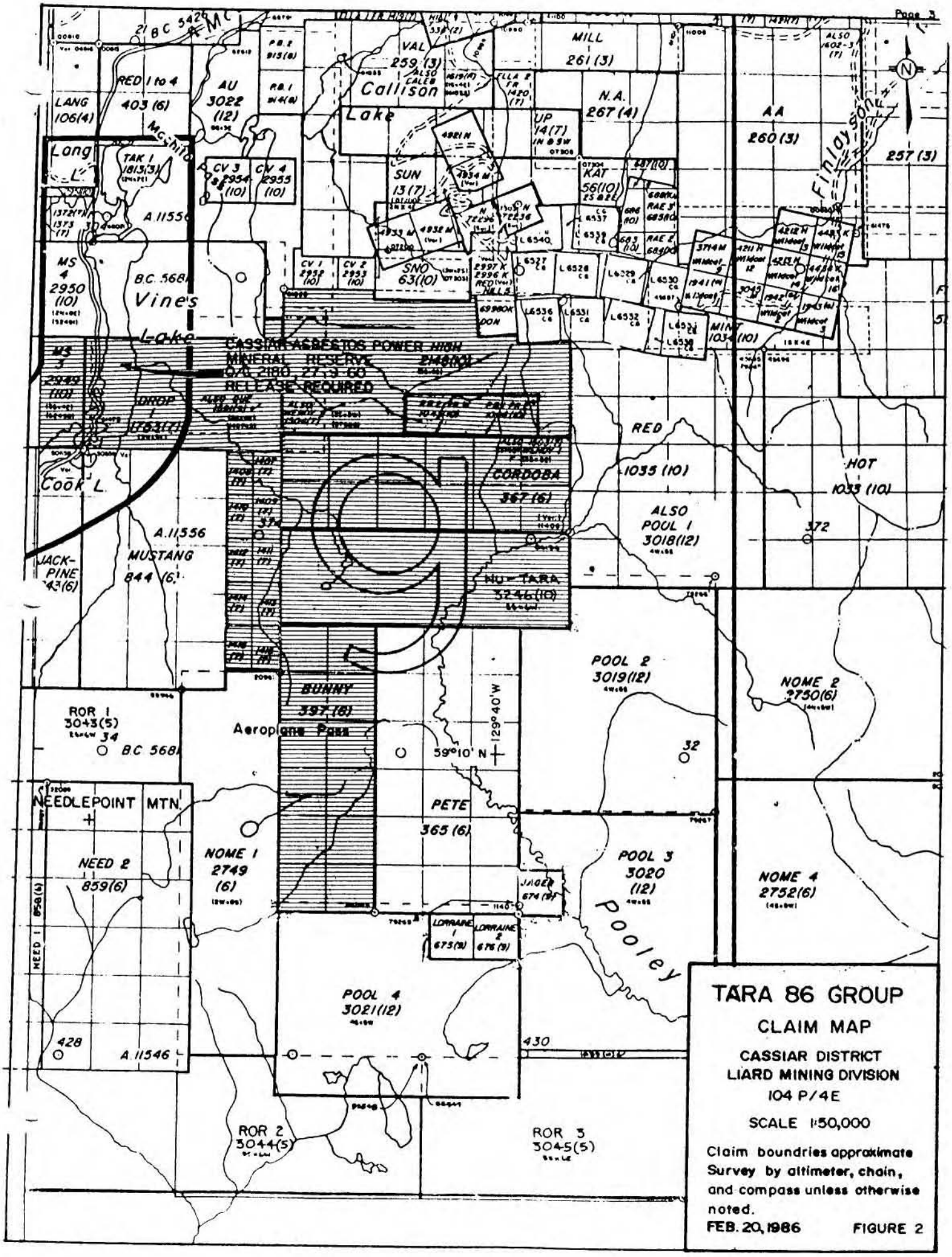

Page 1
Whitehorse
YUKON TERRITORY
Watson Lake
Cassiar
Dease Lake
ALASKA
NORTHWEST TERRITORIES
Highway No. 37
Alaska Highway
TARA 86 GROUP
Fort Nelson
Stewart
Prince Rupert
Smithers
Fort St John
Dawson Creek
Highway No. 16
Prince George
ALBERTA
Highway No. 97
Vancouver
Victoria
TARA 86 GROUP
INDEX MAP
ERICKSON
GOLD CAMP
FEB. 20, 1986
100 50 0 100 200 km
SCALE 1:7,500,000

FIGURE 1

1.0 CLAIM RECORD - TARA 86 GROUP

Claim Name	Record No.	Record Date	Owner	Units
Bunny	397	June	Cusac Industries Ltd.	12
Cordoba	367	June	"	12
PB 1	1044	October	"	1
PB 2	1043	October	"	1
Nu Tara	3246	October	Erickson Gold Mining Corp.	12
Wendy 1	1503	July	"	6
Wendy 2	1504	July	"	6
Point 1	1407	July	"	1
Point 2	1408	July	"	1
Point 3	1409	July	"	1
Point 4	1410	July	"	1
Point 5	1411	July	"	1
Point 6	1412	July	"	1
Point 7	1413	July	"	1
Point 8	1414	July	"	1
Point 9	1415	July	"	1
Point 10	1416	July	"	1
Drop		July	"	15
High		October	"	18


TARA 86 GROUP
CLAIM MAP
CASSIAR DISTRICT
LIARD MINING DIVISION
104 P/4E
SCALE 1:50,000
Claim boundries approximate
Survey by altimeter, chain, and compass unless otherwise noted.
FEB. 20, 1986
FIGURE 2
Callison Lake
Vines Lake
Cook L.
Long L.
Finlayson L.
Aeroplane Pass
Pooley
CASSIAR ASBESTOS POWER HIGH MINERAL RESERVE O.A. 2180, 27-3-60 RELEASE REQUIRED
CORDOBA 367 (6)
BUNNY 397 (6)
PETE 365 (6)
NOME 1 2749 (6)
NOME 2 2750(6)
NOME 4 2752(6)
POOL 2 3019(12)
POOL 3 3020 (12)
POOL 4 3021(12)
NEEDLEPOINT MTN.
NEED 2 859(6)
MUSTANG 844 (6)
JACK-PINE 43(6)
ROR 1 3043(5)
ROR 2 3044(5)
ROR 3 3045(5)
59°10' N
129°40' W

2.0 INTRODUCTION

During the 1985 field season, 77 holes were diamond drilled on the Cusac property. Most of the diamond drilling was conducted on the Eileen vein with a comparatively small amount of drilling distributed among the Prosser, Cominco, Hot, Dino and Pete veins.

Nine of these drill holes were diamond drilled on the Cordoba claim, Tara 86 Group between October 24 and November 15, 1985. This drilling is summarized in Table I. The core was logged by geologists L. Westervelt, B.Sc., R. Guild, B.Sc., P. Anderson, B.Sc., H.Smit, B.Sc. and J. Pardoe, and stored at the Erickson minesite. Qualifications of the core loggers are located in Appendix A. Maps showing claim boundaries and drill collar locations are located in the back pocket of this report.

3.0 PROPERTY LOCATION

The Cusac property is located approximately 3 air-kilometres south of the Erickson minesite and 15 air-kilometres S-SE of Cassiar, northernmost central British Columbia (Figure 1). The claims are accessible by recently constructed haulroad from the Erickson Minesite. A second 4-wheel drive access road connects Cusac's 60 t.p.d. mill on the Cordoba claim with the Stewart-Cassiar highway approximately 120 kilometers south of Watson Lake, Y.T.

Being situated along the northeastern margin of the Cassiar mountains, relief is moderately high and topography generally rugged, exhibiting the features typical of alpine glaciation.

4.0 HISTORY

The Cusac property encompasses a group of claims located 2-3 kilometres south of the Erickson minesite at the headwaters of Pooley Creek (Figure 2). This ground was first prospected in 1937 when Consolidated Mining and Smelting Company of Canada trenched several veins

TABLE I

Hole Number	Collar Location	Dip	Brg	Length (metres)	Intersection (metres)	Grade (oz/t) Au, Ag
C85-149	N1359.307 E1546.564	-50 09'48"	154 31'57"	249.6	No significant intersection	
C85-150	N1308.564 E1388.264	-49 42'33"	198 38'04"	150.3	92.10-95.10 136.70-138.66 138.66-141.56	0.028, 0.05 0.139, 0.16 0.02, 0.03
C85-151	N1288.615 E1314.613	-44 32'58"	177 08'46"	134.12	119.35-121.42	0.018, 0.10
C85-152	N1264.964 E1274.990	-45 41'28"	183 01'37"	121.0	115.2-117.4	0.026, 0.10
C85-153	N1293.107 E1254.533	-46 31'37"	180 41'34"	71.6	No significant intersection	
C85-154	N1261.621 E1233.836	-44 38'18"	180 01'43"	118.0	48.60-49.8	NA
C85-155	N1239.282 E1220.318 N1244.033	-45 23'14"	169 39'09"	65.5	37.20-39.4 33.10-33.65	NA 0.271, 0.18
C85-156	N1244.033 E1196.332	-42 33'29"	171 38'02"	69.5	33.10-33.65 59.55-62.55	0.271, 0.18 being assayed
C85-157	N1274.428 E1198.094	-42 26'01"	174 26'01"	107.9	62.80-63.8 73.20-74.2	0.146, 0.05 0.028, 0.08

on the Cordoba claim. Pete Hamlin exposed quartz veins in trenches and two shallow shafts between 1942 and 1946. Cusac Industries staked the Tara claims in 1977 and 1979 and constructed a 60 ton per day mill on the Cordoba claim. In 1981, 586 tons of ore was open pit mined from the Dino vein and milled at Erickson. This was followed in 1982 with a 1200 foot crosscut to the nearby Hot vein. Drifting along the Hot vein was continued for 300 feet and a breakthrough raise was driven to surface. Erickson Gold Mines acquired the Cusac ground in 1984 by option agreement.

5.0 GEOLOGY

The Cusac property is underlain by Upper Paleozoic metavolcanics, metasediments, chert and ultramafic rocks of the Sylvester Group. Sedimentary lithologies include siltstone, chert, sandstone, argillite, greywacke and minor limestone. The volcanics include both flow-type rocks and pyroclastics. Ultramafic rocks are commonly altered to listwanite. During the Tertiary, numerous diabase dykes were intruded throughout the area.

Within the Cusac-Table Mountain region argillite occurs stratigraphically above a thick sequence of volcanic flows and pyroclastics with lesser interbedded chert and argillite. Fault-bound pods and lenses of listwanite occur along this contact. Quartz veins of 1-2 metres average thickness have been emplaced within dilatent shear faults and fractures which are particularly well developed in the relatively brittle volcanics. Gold ore shoots are commonly localized beneath the listwanites which indicates that these rocks may exert chemical and/or physical control on mineralization. The rocks throughout the region have been subjected to a minimum of three folding events and metamorphosed to the greenschist facies.

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.

6.0 PURPOSE AND METHODS

During the period October 24 through November 15, 1985, nine holes totalling 1092.5 metres were diamond drilled on the Cordoba claim, Tara 86 Group. All of this drilling was done on the Eileen vein. The purpose of the drilling was to determine the tonnage and grade of the Eileen vein and to determine its lateral and down dip continuity.

7.0 RESULTS AND RECOMMENDATIONS

As a result of this drilling, significant ore reserves were discovered in the Eileen vein. A tonnage and grade estimate is currently in progress.

Continued drilling on this vein is recommended.

8.0 CUSAC DRILLING COST STATEMENT

Nine B.Q. diamond drill holes were drilled for a total of 1092.5 metres of core on the Cordoba claim between October 24 and November 15, 1985.

Hole Number	Date Drilled	Total Length (meters)	Drilling Cost
C85 - 149	October 24 - 28	249.6	14950.75
C85 - 150	October 28 - 30	150.3	8827.50
C85 - 151	Oct. 31 - Nov. 3	139.1	7825.00
C85 - 152	November 3 - 5	121.0	6997.50
C85 - 153	November 6 - 7	71.6	4162.50
C85 - 154	November 7 - 10	118.0	6762.50
C85 - 155	November 10 - 11	65.5	3837.50
C85 - 156	November 12 - 13	69.5	4005.00
C85 - 157	November 13 - 15	107.9	6220.00
Subtotal		1092.5	63588.25
Supplies, acid test, labour			8316.00
Room and board for drillers 4 men X 23 days X $ 50/man day			4600.00
Core logging: 10 days geologist X $ 165/day			1650.00
10 days room and board @ $ 50/day			500.00
Total			78654.25

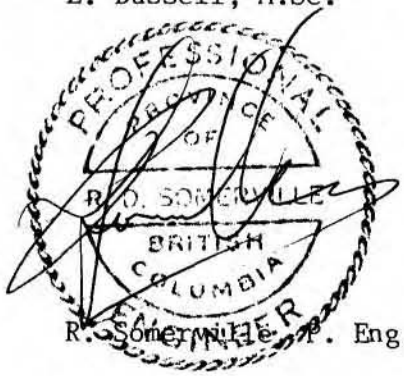
9.0 STATEMENT OF QUALIFICATIONS

I, Eric Dussell, of 2151 Banbury Road, North Vancouver, do hereby certify that:

I hold a B.Sc. degree in Geology obtained at the University of Washington, Seattle, and an M.Sc. degree in Geology from Western Washington University, Bellingham, Washington. 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 Cordoba claim, Tara 86 Group, for Erickson Gold Mining Corp. near Cassiar, British Columbia.

E. Dussell, M.Sc.



R. Somerville, P. Eng.

APPENDIX I

Statements of Qualifications for core loggers

Qualifications of core loggers

Paul G. Anderson of 2 - 3 Syndenhan St., Kingston, Ontario graduated from the University of Western Ontario (Hon. B.Sc., Geology) in 1982 and has worked for five field seasons in the geological field.

Rod Guild, Box 113, Logan Lake, B.C. graduated from the University of British Columbia (B.Sc., Geology) in 1984 and has worked for six field seasons in the geological field.

Jill A. Pardoe, 18 Leddy Cres., Saskatoon, Saskatchewan, has completed three years in geology at the University of Saskatchewan and worked for two field seasons in the geological field.

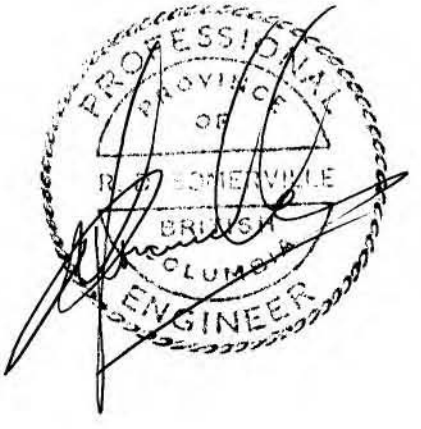
Hans Q. Smit, 2032 West 42nd Ave., Vancouver, graduated from the University of British Columbia (Hon. B.Sc., Geology) in 1984 and has worked for five field seasons in the geological field.

Leslie A. Westervelt, 740 Crystal Court, North Vancouver, graduated from the University of British Columbia (BASC, Geological Engineering) in 1984 and has worked for four field seasons in the geological field.

I, Eric Dussell, of 9 - 2151 Banbury Rd., North Vancouver, do hereby certify that the above information is, to the best of my knowledge, true and accurate.

Eric Dussell

Eric Dussell



APPENDIX II

Drill Logs

ERICKSON GOLD MINING CORP.

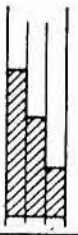
MINERALS SECTION

DRILL LOG

PROJECT: Cusac	GROUND ELEV.: 1396.698
HOLE No.: C85-149	BEARING: 154° 31' 57"
LOCATION: N 1359.307 E 1540.564	DIP: -50° 09' 48"
	TOTAL LENGTH: 249.6m
LOGGED BY: J. G SOBERING	HORIZONTAL PROJECT: 152.41
DATE: OCT. 24/85	VERTICAL PROJECT: -197.61
CONTRACTOR: D.J DRILLING	
CORE SIZE: BQ	
DATE STARTED: Oct. 24/85	
DATE COMPLETED: Oct. 28/85	

DIP TESTS	DIP CHANGE	ACTUAL	CORRECTED
@ 200'	30.48	-60.3	-52.3
@ 400'	91.44	-60.0	-52.0
@ 610'	153.924	-61.2	-53.5
@ 810'	216.408	-60.9	-53.0

ALTERATION SCALE



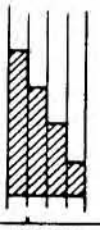
absent

slight

moderate

intense

TOTAL SULPHIDE SCALE



traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

NO SIGNIFICANT INTERSECTION

LEGEND

DDH: C85-149

DIST IN SECT FROM
HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	-28.73
(1.1 EAST OF 987)		
ON 987	0.00	-43.83
16.394m	-19.65	-45.07
16.75Fw	-20.07	-45.42
19.52	-23.40	-48.19
56.8	-71.63	-85.35
95.27	-120.87	-123.70
132.44	-171.10	-160.75
X-SEC	0.00	-169.97
TOE	-197.61	-180.66
(9.1 EAST OF 988)		

TOTAL -DIP = 152.41

TOTAL VERT = -197.61

PROJECT: Cusac

HOLE No. CEE-149

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	Clay
0				0'-7.8 OVER BURDEN								
		Q/b		7.8-25.6' ARGILLITE, black, f.gr., massive, silicified								
				7.8-12.9: mod silicif'd, w/ v. minor f.gr. patches of pyt.								
10				12.9-17.4: Lt. grey, int. silicif'd, no pyr.								
				17.4-25.6: mod. silicif'd, locally core is int. silicif'd. Core is broken from 19.8-23.4. Foliation found at 25.0 and is 65° TCA								
		5Dd										
				25.6-26.15 QTZ. VEIN								
20				26.15-27.0' ARGILLITE, Black, massive.								
				27.0-27.2 QTZ. STRINGER								
		QTZ.		27.2-31.4 ARGILLITE. Black massive f.gr.								
		5Dd										
				27.2-28.8: ARGILLITE w/ wh. qtz. veinlets + fract. fillings								
30				28.8-29.3. BRECC. ZONE w/ qtz. + argillite in the matrix + occassionally as sub ∧ frags. Mostly frags. are felsic, carb. alter'd, w/ black veinlets [are these alt'd dyke, alt'd volc.?].								

PAGE 3 OF 34 | PROJECT: Cusac. | HOLE No. C85-149

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/T	% Ag oz/T	%			COMPOSITE ASSAYS
25.6 - 26.15: QTZ. VEIN, milky wh. (HW 30° TCA). Argillite inclusions + sub ∧ frags. are present. Wh. carb. is assoc'd w/ the qtz. Last half of core is broken.			.55	6286	TR	.04				
27.0 - 27.2: QTZ. STRINGER, milky wh. w/ argillite sub ∧ frags. + veinlets. Argillite is broken right after this.			0.2	6287	TR	.02				

 PROJECT: Cusac HOLE No. C85-149

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	Clay
25				27.2-31.4 ARGILLITE - cont'd 29.3-31.4. ARGILLITE, black, massive, f.gr. w/ wh. qtz common 2% stringers.								
				31.4-35.9 DYKE or VOLCANIC? carb. alt'd, lt. grey, massive to slightly foliated.								
-30				31.4-32.1: BRECC. ZONE, Lt. grey, massive to locally foliated 60° TCA. Matrix is carb. rich w/ sub^ frags. of Argillite, Lt. brown mod. silicif'd (carb. alt'd?) volcanics, + some qtz frags. Pyr. is as f.gr. dusting in > 10% abundance.								
				32.1-34.6: DYKE or VOLCANIC(?). Lt. grey, carb. alt'd, massive to locally slightly foliated (60° TCA). First 20cm has v. Lt. green matrix w/ odd grey veinlets + dk. green strained phenos of unknown composition. Elsewhere pyr. is as f.gr. veinlets + patches in 15% abundance + grey veinlets are present. Locally Argillite inclusions are present + may or may not have qtz. veinlets + pyr. assoc'd.								
-35												

5Di

10Ca or 5Ca?

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	Clay
30				31.4 - 35.9 DYKE or VOLC.? (cont'd)								
				34.6 - 35.1: BRECC. ZONE, compos'd mostly of sub^ frags. of Arg. + grey qtz. in a grey qtz. matrix. Some frags of the preceding carb. alt'd dyke or volc. (?) are also present.								
35		5Ca or 10a?		35.1 - 35.9: DYKE or VOLCANIC (?). Lt grey, carb. alt'd, massive to foliated (60° TCA). Pyr. is in 25% abundance as f.gr. patches + veinlets.								
		5Dd		35.9 - 42.4 - Argillite, black, massive, f.gr., core is siliceous in form of wh. qtz. veinlets + fract. fillings. Core broken from 37.8 - 38.4, 38.6 - 39.5, 39.9 - 40.8, and 41.8 - 42.4. (Last one believed to be a fault btn. Argillite + Volcs below).								
40												
				42.4 - 51.9 VOLCANIC, mod. silicif'd, Lt grey, f.gr., massive to locally foliated. Wh. qtz. veinlets are present throughout while small (<0.5 x 0.5 cm) Argillite inclusions are found locally. Foliation is 40° TCA. V. f.gr. pyrite is minor + generally assoc'd w/ black veinlets + fract. fillings (chl-graph?).								
45		5Ca										
50												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Clay
50				51.9 - 53.3 ARGILLITE, black, massive, f.gr. Core is broken over first 0.4 (fault between it + Argillite).								
		5Dd										
				53.3 - 72.0 VOLCANIC TUFF								
				53.3 - 72.0: VOLCANIC TUFF int. carb. alt'd, Lt. green, massive to locally foliated (40° TCA). Wh. f grey qtz are present as veinlets + fract. fillings. Chl-graph is as veinlets + may be locally int. At 66.9 - 67.05 chl. graph forms the matrix in a microbrecc. w/ rounded frags. of qtz. + chl. volcs. Core is broken + locally clay alt'd from 68.6 - 69.5.								
60		5Cb										
70												
		X		72.0 - 77.5: VOLCANIC, int. silicif'd Grey, f.gr, massive to locally foliated (50° TCA). Grey qtz. veinlets are abundant + may exhibit foliation. F.gr. pyr. is as veinlets + fract. fillings in 5% abundance.								
		5Ca										
		Y										
80												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	C 1 gol
75				77.5-98.9 VOLCANIC TUFF, Lt. green, slightly chl. alt'd, f.gr., massive to locally foliated (60° TCA). Foliation is shown by mm-size chl. frags. Black chl-graph. is as veinlets, patches, + fract. fillings though may be totally abscent. Wh. qtz. ~~qtz~~/carb. is as veinlets, stringers + fract. fillings though again maybe abscent for sections. Pyr. is in med. to coarse grain euhedral crystals in 1-2% abundance. Contact w/ Volcs. below is 20° TCA.								
85		SCb										
95				93.4-93.6: QTZ. STRINGER.								
		SCa		98.9-103.5 VOLCANIC, slight Chl. alt'd, lt. green, f.gr., massive. Graph.- chl. is as veinlets. PYR. IS AS MED. gr. DISSEMS. + f.gr patches in 1% abundance. Wh. qtz is as veinlets + fract. fillings. Locally have Lt. purple inclusions of mod. carb. alt'd volcs. which are mod. silicif'd.								
105												

PAGE 11 OF 34 | PROJECT: Cusac | HOLE No. C85-145

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
93.4-93.6: QTZ./CARB. STRINGER, milky wh. w/ sub∧ volc. frags + graph. stylolites. No sulphs. present.			0.2	E6288	Tr	.02				

PAGE 12 OF 34 | PROJECT: Cusac | HOLE No. C85-149

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Cu
100				103.5-106.3: VOLCANIC + VOLC. TUFF MIXTURE. LT. green to Lt. purple, massive, f.gr.. Have alternating sections of lt. purple mod. carb. alt'd. volc. w/ lt. green tuff. Chl. mm-sized frags. indicate tuffeous nature but foliation is not present + believed destroyed.								
	50a + 50b											
-105				106.3-107.2: QTz, MARIPOSITE LISTWANITE. Lt. green, massive, f.gr.. Marip is common in the matrix as is qtz. which is also as veinlets stringers, + fracture fillings.								
	70											
	50b											
-110				107.2-113.5 VOLC TUFF 107.2-108.4 VOLC. TUFF, Lt. green, f.gr., massive to well-foliated. Wh. qtz. is as veinlets + fract. fillings. Foliation, where present is 50° TCA. Some lt. purple mod Carb. alt'd volc. inclusions are present. Minor graph-chl. veinlets are present. Core is broken for the last 1.1m + may be locally mod. clay alt'd (FAULT).								

PAGE 13 OF 34 | PROJECT: Cusac | HOLE No. C85-149

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: Cusac

HOLE No. C85-149

107.2-113.5 VOLC. TUFF (cont'd)

109.4-113.5: VOLC. TUFF, LT. GREEN, MED. GRAINED, MASSIVE TO FOLIATED. Foliation is 40° TCA. SECTION is mod. silicif'd. Core is broken over entire section + locally clay alt'd.

109.7-110.0: QTZ. STRINGER

113.5-171.6 LISTWANITE

113.5-123.8: SERP., CHL., TALC. LISTWANITE, dk. green, massive, f.gr. Graph. chl. is as veinlets + patches and Chl. is abundant in the matrix. Wh. qtz. is as veinlets, fract. fillings + stringers. Pyr. is v. minor in the matrix as f.gr. patches (< 0.2 x 0.3 cm).

123.8-129.1: MOD. SILICIF'D CARB., TALC, + MINOR CHL. LIST., F.gr., White, massive to locally foliated (40° TCA). Mafic phenos. are present and PYR. is minor as f.gr. veinlets + disemms.

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
109.7-110.0 : QTZ. STRINGER, milky wh. w/ graph. veinlets + small chl-rich inclusions (vole. or tuff.).			0.3	8251	.033	.02				

 PROJECT: Cusac HOLE No. C85-

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C
129				113.5-171.6 LISTWANITE (cont'd)								
		7a		129.1-132.0: SERP., CHL., TALC LISTWANITE, dk. green, foliated (30° TCA), f.gr. Wh. qtz. is abundant as veinlets + fract. fillings. Pyr. is minor as f.gr. patches + veinlets assoc'd w/ the qtz. (in <1% abundance).								
		7b										
		QTZ./CARB.										
134		7b										
				132.0-133.75: TALC, CARB., + minor CHL. LISTWANITE. WHITE, f.gr., massive to slightly foliated (30-40° TCA). Mafic phenos. are present and qtz. + qtz./carb. is as veinlets, stringers + fract. fillings. Carb is also as vugs. Pyr. is minor as f.gr. patches (<.2 x .3 cm) assoc'd w/ the qtz.								
139												
				132.7-133.5: QTZ./CARB. FLOODING IN LISTWANITE.								

 PROJECT: Cusac HOLE No. C85-149

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
132.7-133.5. QTZ./CARB FLOODING IN LISTWANITE. (Talc, carb. LIST. as described in 132.0-133.75 interval). Carb. frequently forms vugs.			0.8	E4103	Tr	.02				

 PROJECT: Cusac HOLE No. C85-149

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-a
130				113.5-171.6 LISTWANITE - cont'd								
				133.50-155.2: Serp, Chl, minor talc LISTWANITE. Dk. green, massive, f.gr. Wh. qtz. is abundant as veinlets, stringers + fract. fillings. Core is v. broken up from 150.2-151.1.								
	7a			155.2-162.6: TALC, minor Chl. LISTWANITE. White to grey, massive to locally foliated (30° TCA). Until 161.1 core is grey (Chl. ?) while elsewhere it's white (mostly talc). Core is broken ± 161.1 also.								
150	7b											
	7a			162.6-169.1: SERP., minor Chl. LISTWANITE, dk. green, massive to slightly foliated (50° TCA). wh. qtz. is common as veinlets, stringers, + fract. fillings.								
170	7b											
	5			169.1-171.6: TALC, minor CHL. LISTWANITE, massive to locally foliated (50° TCA). Core is locally broken + is broken from 171.0-171.6 (FAULT).								
180				171.6-176.5 ARGILLITE								
				171.6-173.0: ARGILLITE, black, massive, f.gr. No qtz. present, no sulphides.								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	C
170				171.6-176.5 ARGILLITE (cont'd)								
				173.0-174.0: ARGILLITE W/ MOD. CHL. ALT'D VOLC. INCLUSIONS. V GREY, MASSIVE, TO locally foliated (50° TCA.). Core is greenish grey volcs. w/ black inclusions + veinlets of Argillite. In last 45cm Argillite dominates.								
		5Dd										
175		Qtz		174.0-176.5: ARGILLITE, black, massive, f.gr. Core locally may have banding (folding?) but not foliation. Mod Chl. alt'd inclusions mentioned previously are also present but in lesser amounts. Core is broken from 174.8-176.5.								
		5Dd										
		7b										
180				175.4-175.6: QTZ. STRINGER								
				176.5-187.7 LISTWANITE								
				176.5-179.1: TALC LISTWANITE; Creamy Wh., massive, f.gr. Mafic phenos are present + the core is grey (Chl.?) from 176.5-178.0								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
175.4-175.6' MILKY WH. QTZ. STRINGER W/ Graph. stylolites + Arg. inclusions.			0.2	E4104	TR	.02				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Sp B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Cu
180		70a		176.5 - 187.7 LISTWANITE (Cont'd) 179.1 - 186.5: SERP., CHL. LISTWANITE, massive to locally foliated (50° TCA). Wh. qtz. is as veinlets + fract. fillings.								
				186.5 - 187.7: TALC, CHL. LISTWANITE, lt. green, massive. Wh. carb. is as veinlets + fract. fillings.								
190				187.7 - 249.6 VOLCANIC								
		5Ca		187.7 - 189.7: VOLCANIC, int. carb. alt'd, lt. purple, massive, f.gr. Wh. + grey qtz is as veinlets + fract. fillings. V. minor v.f.gr. pyr. is present w/ the qtz.								
200				189.7 - 203.1: VOLCANIC, mod. Chl. alt'd, green, f.gr. massive. Dk. green to grey int. chl. (?) inclusions are common + up to 8x5 cm in diameter. Minor carb. alt'd frags. are also present. In places the mod. Chl. matrix look banded (like a flow texture). Graph. - chl. + grey qtz. is present as veinlets. Micro-brecc. is minor but is seen in the matrix + the graph. - chl. veinlets.								
210												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C l a y
200				187.7-249.6 VOLCANIC (CONT'D)								
				203.1-205.0: VOLC., mod. Carb./Chl. alt'd, lt. green, massive, f.gr.. Green chl. is common as veinlets + fract. fillings. Wh. qtz. + carb. is as veinlets + fract. fillings. F.gr. pyr. is minor as small patches + dissems.								
205				205.0-206.5: VOLC., int. Silicif'd, int. carb. alt'd. Lt. purple, massive, f.gr.. Wh. + grey qtz. is as veinlets + fract. fillings. V. f.gr. pyr. is in the matrix in 7% abundance as f.gr. patches (<0.5 x 0.5cm), dissems., + fract. fillings.								
		5Ca										
		QTZ.										
210				206.5-208.1: VOLC. mod. carb. alt'd, lt. tan, massive, f.gr.. Grey + wh. qtz. is as veinlets + fract. fillings. Pyr. is in 3% abundance + is as f.gr. veinlets + disemms. Core is mod. silicif'd.								
				208.1-208.25: QTZ. STRINGER.								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
208.1-208.25: QTZ. STRINGER, milky wh. w/ abundant grey qtz. veinlets. Pyr. is in 3% abundance as f.gr. fract. fillings + patches.			0.15	E-4105	TR	.02				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Cu
205				187.7-249.6 Volcanics (cont'd)								
				208.25-208.75: Pyritic Volcanics.								
				208.75-216.4: Volcanic, mod. Chl. alt'd, green, f.gr, massive Wh. qtz. is as veinlets + fract. fillings. Graph.-chl. is as veinlets + fract. fillings. Chl. is as veinlets + patches, though is not as abundant as the graph.-chl. Carb. is as fract. fillings in a section from 209.5-210.2.								
210												
				216.4-218.1: VOLCANIC, int carb. alt'd, mod. silicif'd. Lt. purple, massive, f.gr. Grey + wh. qtz. is as veinlets + fract. fillings. Pyr. is in 3% abundance as f.gr. veinlets + patches.								
215												
				218.1-219.5: VOLCANIC, mod. Chl. alt'd, Lt. green, massive, f.gr. Wh. qtz. is as veinlets + fract. fillings + may have f.gr patches of pyrite assoc'd (in 2% abundance).								
220												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/T	% Ag oz/T	%			COMPOSITE ASSAYS
208.25-208.75: Volcanic, mod. Ch/Carb. alt'd, lt. tan, f.gr., massive. Green chl. veinlets are common. Wh. qtz. is as veinlets + a stringer at 208.65-208.75. Minor carb. is in the latter + both have some f.gr. pyr. in patches (<0.2 & 0.2cm). Overall pyr. is in <1% abundance.			25	E4106	TR	.02				

PROJECT: Cusac

HOLE No. C85-149

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol. D	Silic. E	FRACT INTENSITY	M	Clay
220				187.7 - 249.6 VOLCANICS - cont'd								
				219.5 - 222.3: VOLCANIC, int. carb. alt'd, tan, massive, f.gr., Wh. + grey qtz. stringers + veinlets are common. Core is mod. silicif'd. F.gr. patches of Pyr. are v. minor. Talc in qtz. patch (4x3cm) at 220.4.								
225	50a											
				222.3 - 227.1: VOLCANIC, int. Chl. alt'd, dk. green, f.gr., massive. Chl. is common as veinlets + fract. fillings, while wh. qtz is minor as veinlets + stringers. Pyr. is present at one spot as a f.gr. veinlet assoc'd w/ a qtz. stringer.								
230				227.1 - 228.1: VOLCANIC, mod. Chl/Carb. alt'd., Lt. green, f.gr., massive. Chl. is as veinlets + fract. fillings as is wh. + grey qtz. which is more common. Pyr. is as f.gr. patches (<1% abundance) and is assoc'd w/ the qtz.								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: Cusac

HOLE No. C85-149

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	C
225				187.7 - 249.6 VOLCANICS - cont'd								
				228.1 - 231.6: Volcanic, mod. chl., lt. green, massive, f.gr. Graph. - chl. fract. fillings are present though minor. Wh qtz. is as veinlets + fract. fillings + may have f.gr. Pyr. veinlets assoc'd.								
230												
	50			231.6 - 235.7: VOLCANIC, mod. carb. alt'd, f.gr., massive. Grey + wh. qtz. is as veinlets + fract. fillings. F.gr. pyr. may be assoc'd + is as patches + veinlets. Pyr. may also be in the blebs. as f.gr. dissems + is in 5% abundance.								
235												
				235.7 - 238.0. VOLCANIC, int. carb. alt'd, lt. tan, massive, f.gr. Wh. qtz. is abundant as veinlets + fract. fillings. Pyr. is assoc'd w/ the qtz as f.gr. patches + veinlets in 10% abundance.								
240												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C I S
235				187.7-249.6 VOLCANICS - cont'd								
				238.0 - 238.8: VOLCANICS, mod. carbonate alt'd, lt green, f.gr., massive. Grey + wh. qtz. is as veinlets + fract. fillings and may have assoc'd pyrite. Chl.-graph. veinlets are also present. Pyr. is as f.gr. patches, fract. fillings + disemms. in 10% abundance:								
240		5Ca		238.8 - 239.6: Volcanics, mod. Chl. alt'd, massive, f.gr. Wh. qtz. is v minor as veinlets + stringers while graph.-chl. is also as veinlets.								
245				239.6 - 243.7: VOLCANIC, int. silicif'd, lt. grey, f.gr., massive. Grey qtz. is as veinlets + forms a crackle texture. Carb. alt'd frags. may be in the matrix and appear more as fract. fillings than sub ^ frags. Pyr. is assoc'd w/ the volc.'s veinlets as f.gr. patches + veinlets in 3% abundance.								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl C	Dol D	Silic E	FRACT INTENSITY	M	Cu
240				187.7 - 249.6 VOLCANICS - Cont'd								
				243.7 - 246.2: VOLCANIC, int. carb. alt'd, lt. yellow, massive, f.gr. Mod silic-if'd. Wh. tgrey qtz. is as fract. fillings + veinlets. Pyr. is in 5% abundance as f.gr. dissems. + fract. fillings.								
245				246.2 - 249.6: VOLCANIC, int. silicif'd, mod. carb alt'd (? maybe int.). Chl-graph. veinlets are abundant and form an intense crackle texture. Wh. qtz. + carb. veinlets + stringers are present + may have minor pyr. assoc'd. Frequently the carb. appears vuggy.								
250				- End of hole -								

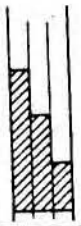
ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

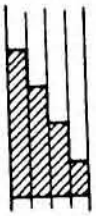
PROJECT: Cusac	GROUND ELEV.: 1367.720 M
HOLE No.: C85-150	BEARING: 198°38'04"
LOCATION: 1308.564 N, 1388.264 E	DIP: --49°42'33"
	TOTAL LENGTH: 150.3 M
LOGGED BY: H. SMIT	HORIZONTAL PROJECT
DATE: OCT 30/85	VERTICAL PROJECT
CONTRACTOR: D.J DRILLING	
CORE SIZE: BQ	
DATE STARTED: OCT 28, 1985	
DATE COMPLETED: OCT 30, 1985	

ALTERATION SCALE



absent
slight
moderate
intense

TOTAL SULPHIDE SCALE



traces only
< 1%
1% – 3%
3% – 10%
> 10%

DIP TESTS	DIP CHANGE	ACTUAL	CORR.
@ 240'	36.576	-57.0	-49.0
@ 400'	97.54	-55.2	-47.2
@ 493'	136.093	-56.9	-48.9

COMMENTS

qv ; 92.10 - 95.10 m ; 3.0m @ .028, .05

EILEEN VEIN ; 138.66-141.56m ; 2.9m @ .020, .03

LEC

DD-E C85-150

DIST IN SECT FROM
HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	3.47
(3.9 EAST OF 995)		
ON 995	0.00	0.01
X-SEC	0.00	-8.79
23.65	-27.89	-12.15
ON 996	0.00	-17.59
X-SEC	0.00	-26.40
ON 997	0.00	-35.20
60.07HW	-69.80	-36.22
62.04FW	-72.06	-37.53
63.64	-73.90	-38.58
X-SEC	0.00	-44.01
ON 998	0.00	-52.81
89.34	-102.19	-55.89
91.53-A	-104.13	-57.21
93.45FW	-106.31	-58.27
X-SEC	0.00	-61.62
TOE	-112.90	-62.07
(9.4 EAST OF 999)		

TOTAL HORZ = 99.18

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D	S E	FRACT INTENSITY	M
				0-24.9 Overburden							
24				24.9-39.6 ARGILLITE, black, massive to well foliated; WHITE qtz is common as veinlets + fract fillings. FOLIATION AT 65° TO 85° TO C.A; MINOR DISSEM. PYRITE; WEAKLY CALCAREOUS (38.4-39.6) GREY DISCONTINUOUS BANDING UP TO 2CM WIDE OF BLACK ARG. AND LIGHT GREY, MOD. TO STRONGLY CALCAR. ARG. BANDING IS 70°-85° TO C.A.							
		SDA		39.6-48.0 LISTWANITE TALC + SERICITE LISTWANITE (7b): LIGHT GREY W PATCHES OF WHITE (INTENSE TALC); CHAOTIC FOLIATION; 3-5% PYRITE IN UP TO 5MM PORPHYROBLASTS.							
40				48.0-56.2 ARGILLITE BLACK TO LIGHT GREY DEPENDENT UPON CARBONATE (CALCITE) ALT°; ALT° INTENSE OVERALL BUT OCCURS IN IRREGULAR LAYERS; IN UP TO 2CM STRINGERS AND IN IRREGULAR PATCHES UP TO SEVERAL CM. WIDE; OCCASIONAL ZONES UP TO 20CM LONG W 2-3% FINELY DISSEM. PYRITE; OCCASIONAL WEAK FOLIATION AND CACAREOUS BANDING MOSTLY AT HIGH L'S TO C.A.							
		SDA		56.2-68.45 LISTWANITE MOSTLY QTZ RICH W LESSER CARB BUT VARIABLE AMNTS OF TALC AND SERICITE; COMPOSITIONAL CHANGES							
60											

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: CUSAC

HOLE No. C85-150

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	TA SEA CITE
0				56.2-68.45 LISTWANITE (CONT.) GRADUAL; VERY MINOR MARIPOSITE IN DISSEMINATED FLAKES; MINOR DISSEM. SPECKS OF A ROBIN-EGG BLUE COLOR (SERICITE ?); CORE IS A MOTTLED LIGHT TO MED. GREY; 1 TO 2% PYRITE IN DISSEM. CUBES AND IRREGULAR PATCHES UP TO 5 MM ACROSS								
				58.8M) ONLY VERY MINOR TALC AFTER THIS POINT EXCEPT FOR THE INTERVAL 63.1-63.35M; MARIPOSITE MORE COMMON BUT STILL MINOR AMNTS; IT IS EXTREMELY FINE GRAIN AND CONCENTRATED IN IRREGULAR ZONES UP TO 10 CM ACROSS								
		7C		64.2M) WEAK FOLIATION DEVELOPED WITH DISCONTINUOUS LIGHT GREY TO WHITE BANDS UP TO 1CM ACROSS WITHIN DARKER GREY QTZ; ALSO GETTING BRXX ZONES W UP TO 1CM LIGHT GREY TO WHITE CLASTS IN DARKER GREY MATRIX; CLASTS SOMETIMES ALIGNED ALONG FOLIATION; FOLIATION IS 40°-50° TO C.A. PREDOMINATELY BUT VARIES; OVERALL A VERY CHAOTIC LOOK TO THE CORE								
65												
		5D		68.45-70.5 CHERT MASSIVE; LIGHT TAN COLORED; STRONG CRACKLE TEXTURE; MINOR CARB ALT^N IN IRREGULAR PATCHES; RARE TALC STRINGERS UP TO 2MM WIDE; RARE CALCITE STRINGERS UP TO 3MM WIDE; VERY MINOR FINELY DISSEM. PYRITE								
				69.84-69.95M QTZ STRINGER (.15M) DISCRIP. ON NEXT PAGE								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/T	% Ag oz/T	%			COMPOSITE ASSAYS
69.84-69.99 QTZ STRINGER (0.15m) WHITE QTZ W 10% PALE ORANGE-BROWN CARBONATE; 2% FINE GRAINED PYRITE IN IRREGULAR PATCHES; CONTACTS AT 80° TO C.A.		69.84-69.99	0.15	E8255	TR	.11				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	TRUE THICKNESS
0		5.0F		68.45-70.5 CHERT (CONT.) 70.4m; PATCHES OF FINE GRAINED PYRITE UP TO 1CM ACROSS IN 2 CARBONATE STRINGERS (1CM WIDE) AND IN WALLROCK IMMEDIAT. ADJOINING.								
				70.5-92.10 VOLCANICS MASSIVE; FINE GRAINED; LIGHT TAN TO LIGHT GREEN COLOR; OCCASSIONALLY WEAK CRACKLE TEXTURE; MOD TO STRONG CARB. ALT≃; WEAK SILICIC ALT≃; MINOR TALC AND SERICITE ALONG FRACTURE SURFACES AND IN IRREGULAR PATCHES; 1-3% PYRITE IN DISSEMINATED <1MM CRYSTALS, IN PATCHES UP TO 5MM ACROSS AND IN IRREGULAR <2MM STRINGERS; CHANGES BETWEEN ALT≃ INTENSITY ARE GRADATIONAL								
75												
80		FCS		(70.5-72.9) STONG CARB ALT≃ (71.98-72.02) QTZ STRINGER; 0.2M; WHITE QTZ ≃ 10% CARBONATE; TRACE PYRITE; AT 80° TO C.A (72.9-77.1m) MOD. CARB ALT≃ 76.63m) 6CM QTZ STRINGER AT 65° TO C.A. (77.1m - 82.8m) STRONG CARB ALT≃								
85				(82.8-85.84) MOD. CARB ALT≃								
				85.84-86.50 VOLCANICS ROCK IS LIGHT GREY; MOD. SILICIC ALT≃ AND STILL MOD. CARB ALT≃; CROSS CUTTING QTZ. STRINGERS AT 70°-85° TO C.A.; WEAK CRACKLE TEXTURE; MINOR DISSEM. PYRITE								

PAGE 7 OF 22	PROJECT: CUSAC	HOLE No. CES-150

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

(METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D. D	S E	FRACT INTENSITY	M	SAMPLES
				70.5 - 92.10 VOLCANICS (CONT.)								
				86.50 - 87.70 VOLCANIC OR POSSIBLY DYKE ROCK IS FINE GRAINED, MASSIVE; MED GREY-GREEN; FINE SPECKLED TEXTURE (CARBONITIZED FELDSPAR ?); MOD. CARB. ALT^{N}; MINOR <1mm CARB. STRINGERS; SHARP UPPER CONTACT AT 75° TO C.A.; LOWER CONTACT NOT VISIBLE								
				87.70 - 92.10 VOLCANIC; TAN TO LIGHT GREY; FINE GRAINED; MOD. CARB ALT^{N}; WEAK TO MOD. QTZ ALTERED; WEAK CRACKLE TEXTURE; OCCASSIONAL QTZ STRINGERS UP TO 2 CM WIDE AT 60° TO 70° TO C.A; 1% PY OVERALL BUT CONCENTRATED IN A FEW ZONES (89.0 - 89.4) GET PATCHES UP TO 4CM ACROSS AND 15CM LONG TO EXTREMELY FINE GRAINED PYRITE; TEND TO FOLLOW FRACTURES AT VARYING ANGLE TO C.A. (91.9 - 92.1) HANGINGWALL OF VEIN; UP TO 2MM PYRITE PORPHYROBLASTS; MOD SILIC; MOD CARB.								

PAGE 9 OF 22 | PROJECT: CUSAC | HOLE No. C85-150

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au ozt	% Ag ozt	%			COMPOSITE ASSAYS
89.0-89.4 PYRITIC VOLCS SEE DESCRIPTION PRECEDING PAGE.; 7% PYRITE		89.0-89.4	0.4	E8256	TR	.08				
91.9-92.1 HW of VEIN 2-3% PY.		91.9-92.1	0.2	E8257	.032	.08				

PROJECT: CUSAC

HOLE No. C85-15

(METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D	S E	FRACT INTENSITY	M	FRACT ORIENTATION
95				92.10-95.10 QUARTZ VEIN (3.0M) DESCRIPTION FOLLOWING PAGE								
				95.10-95.30 ARGILLACEOUS CHERT; DARK GREY TO BLACK; MASSIVE; STRONG SILICIC ALT^{N} HAS RESULTED IN A MOTTLED TEXTURE; 3% UP TO 1MM DISSEM. PY. CUBES; LOWER CONTACT IS A 1CM QTZ STRINGER AT 65° TO C.A.								
				95.30-95.49 CHERT LIGHT GREY COLORED; STRONG INTENSITY OF CRACKLE TEXTURE; 2-3% PY, FINE GRAINED ALONG FRACTURES; BOTTOM CONTACT AT 40° TO C.A.								
96				95.49-96.31 VOLCANICS FINE GRAINED; MASSIVE; LIGHT TAN COLORED; STRONG SILICIC, STRONG SERI ALT^{N}; MOD. CRACKLE TEXTURE; 2% PY CONCENTRATED ALONG FRACTURES.								
				96.3-96.85 ARGILLACEOUS CHERT DARK TO BLACK; MASSIVE; STRONG SILICIC ALT^{N}; BOTTOM CONTACT AT 60° TO C.A.								
				96.85-99.0 CHERT LIGHT GREY TO PALE GREEN; OCCASSIONAL BANDS VISIBLE AT 60-70° TO C.A. (<1CM BANDS); STRONG TO INTENSE CRACKLE TEXTURE; OCCASSIONAL BANDS TO WHITE QTZ REPLACEMENT AND UP TO 2CM WHITE QTZ STRINGERS AT HIGH <'S TO C.A.								
97												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
92.10 - 95.10. QUARTZ VEIN (3.0M) PREDOMINATELY MILKY WHITE QTZ BUT IRREGULAR PATCHES OF GREY QTZ GIVE THE VEIN A MOTTLED APPEARANCE; VEIN CONTACTS 70-80° TO C.A.; VEIN BRECIATED AND RECEMENTED ALONG CONTACTS; OCCASSIONAL BANDS UP TO 3cm OF BRECCIATED VEIN ELSEWHERE; MINOR WALLROCK FRAGMENTS THRU-OUT VEIN; MINOR GRAPHITIC STYLOLITES; MOD. INTENSITY OF PALE YELLOW TO ORANGE CARBONATE STRINGERS UP TO 3MM WIDE AT HIGH ∠ TO C.A.; 1-2% PYRITE IN FINE DISSEM. CRYSTALS AND IN MM. DISCONTINUOUS STRINGERS; MINOR VUGS; VEIN BROKEN UP FOR SAMPLING:										
92.10 - 93.10			1.0	E8252	.018	.05				3.0M @ .028, .05
93.10 - 94.10			1.0	E8253	TR	.07				
94.10 - 95.10			1.0	E8254	.061	.02				

 PROJECT: CUSAC HOLE No. C85-150

(METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	SILICIFICATION
98		SDC		96.85-99.0 CHERT (CONT.) AROUND 97.8 M THERE ARE SOME DISCONTINUOUS BANDS OF INTENSELY SILIC. VOLCS UP TO 10 CM. WIDE.								
99		SCa		99.0-100.1 VOLCANICS. FINE GRAINED, MASSIVE; TAN COLORED; STRONG CARB. ALTN; MOD. SILICIC ALTN; WEAK TO MOD. CRACKLE TEXTURE; A FEW INCLUSIONS AND BANDS OF CHERT; TOP CONTACT AT 60° TO C.A.; BOTTOM CONTACT AT 50° TO C.A.								
00		SCa		100.1-100.9 CHERT LIGHT GREY; STRONG CRACKLE TEXTURE; <1MM CARB STRINGERS SUBPARALLEL TO C.A. NEAR UPPER CONTACT								
01		SDC		100.9-101.7 VOLCANICS FINE GRAINED; MASSIVE; TAN COLORED; MOD. CRACKLE TEXTURE; STRONG CARB. ALTN; WEAK QTZ ALTN; MINOR PYRITE & IRREGULAR <2 MM WIDE CARBONATE STRINGERS; TOP CONTACT IRREGULAR; BOTTOM CONTACT AT 45° TO C.A.								
		SCa		101.7-104.2 CHERT PALE GREEN, MASSIVE; MOD TO STRONG CRACKLE TEXTURE; MINOR QTZ (WHITE) FLOODING AND STRINGERS.								
02		SDC										

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D	S E	FRACT INTENSITY	M	TALC	SERICITE
104				104.2-105.5 VOLCANICS FINE GRAINED; MASSIVE; MED. GREEN; MINOR STRINGERS OF LIGHT GREEN ALT^N (EPID + CHL.); TRACE DISS. PYRITE									
				105.5-106.15 CHERT LIGHT GREEN; MOD CRACKLE TEXTURE; CONTACTS IRREGULAR BUT AT HIGH ANGLES TO C.A.									
-109				106.15-115.3 VOLCANIC MASSIVE, FINE GRAINED; LIGHT GREY-GREEN TO MED GREEN; WEAK TO MOD. CARB ALT^N; WEAK CRACKLE TEXTURE; WEAK INTENSITY OF QTZ AND OF CARB. STRINGERS AT VARYING ℄'S TO C.A.; MINOR PATCHES OF TALC									
-114				115.3-122.95 CHERT PALE GREEN, MASSIVE; MOD TO STRONG CRACKLE TEXTURE; MINOR ORANGE-BROWN WEATHERING CARBONATE STRINGERS 1/MM WIDE. AT UPPER CONTACT THERE IS A 5CM WIDE WHITE QTZ-CARB VEIN AT 20° TO C.A.									
-119				122.95-127.2 VOLCANIC FINE GRAINED, MASSIVE; LIGHT GREY TO TAN; STRONG CARB ALT^N; WEAK INTENSITY OF CARB STRINGERS; WEAK TALC-SERICITE ALT^N; OCCASSIONAL PATCHES OF TALC; RARE FINEGRAINED PYRITE STRINGERS; WEAK CRACKLE TEXTURE; VARIATIONS IN ALT^N INTENSITY RESULT IN A PATCHY TEXTURE TO CORE. (122.95-123.7) CORE BROKEN									
123													

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

 PROJECT: CUSAC HOLE No. C 85-150

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	FRACT FILL-X
				127.2-127.65 CHERT LIGHT GREY; STRONG CRACKLE TEXTURE; MOD. INTENSITY OF SECONDARY QTZ; CORE MOD. BROKEN.								
				127.65-131.9 VOLCANICS FINE GRAINED, MASSIVE; TAN TO GREEN-GREY; MOD TO STRONG CARB ALT^{n}; WEAK TO MOD TALC-SERICITE ALT^{n}; WEAK SILIC ALT^{n} IN LAST PART OF SECTION (127.65 - 129.5) MOD. TALC-SERICITE ALT^{n} RESULTS IN PALE BLUE-GREEN SPECKLES IN CORE; STRONG CARB ALT^{n}; VERY MINOR CARB STRINGERS; FROM 127.85 TO 128.05 VOLCS. ARE BRECCIATED $\bar{w}$ UP TO 2CM ANG. CLASTS; MAY BE FLOW TOP BRXX; AT 128.05 THERE IS A 5CM LONG PATCH $\bar{w}$ ABNT FINE GRAINED PY. (129.5 - 131.9) WEAK TALC-SERIC. ALT^{n}; MOD. CARB. ALT^{n}; FROM 131.4 M ON ROCK WEAKLY SILICIFIED								
				131.9-135.2 CHERT LIGHT GREY TO TAN; MASSIVE; MOD. CRACKLE TEXTURE; UPPER CONTACT AT 45° TO C.A.								
				135.2-137.37 VOLCANICS FINE GRAINED; MASSIVE; MED. GREY-GREEN TO MED. GREY; WEAK CARB ALT^{n} INCREASING TO MOD CARB ALT^{n} 135.4 >4CM WIDE BAND OF INTENSIVE TALC-SERICITE ALT^{n} AT 20° TO C.A.								

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

 PROJECT: CUSAC HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION C A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	TALC	SERICITE
136		5Ca		(136.87-137.37). VOLC. HW OF VEIN; MED. GREY; MOD. SILIC., MOD CARB ALT^N; 3-5% PYRITE									
				137.37-137.82 QUARTZ VEIN (0.45M)									
137		QV											
				137.86-138.66 VOLCANICS FINE GRAINED, MASSIVE; MED. GREY; MOD. TO INTENSILY SILIC. INTENSE CARB ALT^N; 7-10% PYRITE									
138		5Ca											
				138.66-141.56 QUARTZ VEIN (2.9M) (EILEEN VEIN)									
139		QV											

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%	COMPOSITE ASSAYS
136.87 - 137.737 HW MED. GREY, MOD. SILIC.; MOD. CARB ALT^{n} VOLCS; 3-5% PYRITE, FINE GRAINED, CONCENTRATED ALONG FRACT.; QTZ STRINGERS AT 45° TO 60° TO C.A. UP TO 1cm WIDE		136.5+ 136.87	1.2	E8259	TR	.02		
137.37 - 137.82 QTZ VEIN (0.45m) MOTTLED WHITE AND GREY QTZ; ABNT. WALLROCK FRAGS UP TO 3CM. ACROSS OF INTENSILY SILIC., PYRIT. WALL ROCK; 3-5% PYRITE MOSTLY ALONG FRACTURES AS MED. GRAINED CRYSTALS, FREQUENTLY A TARNISHED BRONZE COLOR; LOWER CONTACT @ 65° TO C.A.		136.7- 138.07	1.37	E8258	.154	.14	NOTE: DUE TO MISTAKE IN SAMPLING ASSAY INTERVALS DO NOT MATCH GEOLOGICAL INTERVALS	1.96m @ .139, .10
137.82 - 138.66 WALLROCK VOLCANIC, MED GREY; INTENSILY SILICIFIED ALONG UPPER AND LOWER VEIN CONTACTS; MOD. SILICIF. INBETWEEN; INTENSE CARB ALT^{n}; 7-10% FINE GRAINED PYRITE CONCENTRATED ALONG FRACTURES		138.07- 138.66	.59	E8260	.103	.02		
138.66 - 141.56 QTZ VEIN (2.9m) (EILEEN VEIN) (138.66 - 139.4) MOTTLED MED. TO LIGHT GREY, TAN AND WHITE; UPPER CONTACT BETWEEN INTENS. SILIC. VOLCS AND VEIN INDISTINCT, VEIN STILL LARGLY WALLROCK AS DISTINCT ANGULAR FRAGMENTS AND AS INTENSILY ALTERED FRAGMENTS WITH INDISTINCT EDGES; CROSS CUTTING ORANGE-BROWN CARBONATE STRINGERS ARE COMMON; PYRITE 2% ALONG FRACTURES.		138.66- 139.40	.74	E8261	.063	.02		

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D	S E	FRACT INTENSITY	M	MINERALIZATION
140		QV		138.66-141.56 QUARTZ VEIN 1 (CONT.)								
-142												
		SCa		141.56-145.8 VOLCANICS. MASSIVE; FINE GRAINED; MED. GREY TO GREEN; WEAK TO MOD CARB ALT=; INTENSE SILICIFICATION IN FW OF VEIN (141.56-142.56); WEAK THEREAFTER; WEAK CRACKLE TEXTURE (141.56-142.56) HW OF VEIN; SEE DESCRIPTION ON FOLLOWING PAGE (144.15-145.30) MOD. SILIC.; ABNT PYRITE; 1% OVERALL BUT SHORT SECTIONS OF UP TO 60% PY; BOTH VERY FINEGRAINED AND CRYSTALLINE UP TO 2MM ACROSS; BRONZE TO COPPER TARNISH COMMON;								
144												
146		SED		145.8-150.3 INTERBEDDED CHERT AND ARGILLITE 70% MED GREY CHERT; 30% SILICEOUS ARGILLITE IN 1 TO 3CM BEDS (GREY COLOR); BEDDING AT 10 TO 40° TO C.A.; BEDDING OFTEN DISTORTED; MOD. TO STRONG CRACKLE TEXTURE WITHIN THE CHERT LAYERS, ONLY MINOR WITHIN THE ARGILLITE LAYERS; 1% MOD. INTENSITY OF < 1MM CARBONATE STRINGERS;								
148												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/T	% Ag oz/T	%			COMPOSITE ASSAYS
138.66-141.56 QTZ VEIN (CONT.)		139.4-	1.3	E8262	TR	.02				
(139.4 - 140.7) MILKY WHITE QTZ		140.7								2.9 m
NOW 30-50% OF VEIN; REST IS										@ .020, .03
GREY QTZ AND ANGULAR WALLROCK										
FRAGS; STILL MINOR CARBONATE										
STRINGERS; 1% PYRITE WITHIN										
W.R. FRAGS AND DISS. IN VEIN.										
(140.7 - 141.56) VEIN NOW		140.7-	0.86	E8263	TR	.05				
PREDOMINATELY WHITE QTZ		141.56								
BUT STILL 25-30% W.R. FRAGS;										
ONLY MINOR PYRITE; VERY										
MINOR CARBONATE STRINGERS										
141.56 - 142.56 FW of VEIN		141.56-	.44	E8264	.086	.06				
INTENSILY SILICIFIED VOLCS;		142.0								
MOD. INTENSITY OF QTZ STRINGERS		142.0-	.56	E8270	.029	.02				
UP TO 1CM ACROSS AT HIGH ANGLES TO C.A;		142.56								
5% FINE GRAINED PYRITE IN										
STRINGERS, ALONG FRACTURES, AND										
DISSEM. IN ROCK.										
144.15 - 145.30		144.15-	1.15	E8271	.011	.11				
15% PYRITE IN VOLCS;		145.30								
DESCRIPTION ON PRECEDING PAGE										

7

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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D	S E	FRACT INTENSITY	M	TALC	SERICITE
149				145.8-150.3 CHERT (CONT.)									
				TRACE DISSEM. PY ALONG FRACTURES									
150				150.3 END OF HOLE.									

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: CUSAC	GROUND ELEV: 1353 394
HOLE No.: C85-151	BEARING: 177° 08' 46"
LOCATION: N - 1288.615 E 1314.613	DIP: -44° 32' 58"
	TOTAL LENGTH: 139.1
LOGGED BY: H. SMIT + J. Pardoe	HORIZONTAL PROJECT: 95.14
DATE: Nov. 1, 1985	VERTICAL PROJECT: -94.49.
CONTRACTOR: DJ DRILLING	
CORE SIZE: BQ	
DATE STARTED: OCT 31, 1985	
DATE COMPLETED: Nov. 3, 1985	

ALTERATION SCALE

absent

slight

moderate

intense

TOTAL SULPHIDE SCALE

traces only

< 1%

1% – 3%

3% – 10%

> 10%

DIP TESTS	Dip Change	Actual	Corrected
@200'	30.48	-53.1	-45.0
@400'	91.44	-52.7	-44.7

COMMENTS

EILEEN VN. 119.35 - 121.42 2.07m @ .018, .10

LEGEND

DDH# 85- 151

DIST IN SECT FROM
HOT 3L. 400 S

ON PLAN	: VERT	: HORZ
COLLAR	: 0.00:	23.02
(9.8 WEST OF 998)		
X-SEC	: 0.00:	22.68
21.72	: -21.38:	3.69
ON 999	: 0.00:	3.18
X-SEC	: 0.00:	-16.31
64.82	: -64.48:	-34.66
ON 1000	: 0.00:	-35.82
84.664W	: -84.11:	-52.31
86.13FW	: -85.57:	-53.62
X-SEC	: 0.00:	-55.32
TOE	: -94.49:	-61.64
(6.7 EAST OF 1001)		

TOTAL HOLE = 95.14
TRUE = -94.49

PAGE 2 OF 11 | PROJECT: CUSAC | HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M
				0 - 16.1 CASING							
				16.1 - 21.3 ARGILLITE							
				BLACK ARGILLITE WITH GENERALLY <2MM BUT UP TO 1CM GREY BANDS AT 70 TO 85° TO C.A.; GREY BANDS ARE CALCAREOUS; BANDING OFTEN DISRUPTED; UNKOWN IF BANDING IS ORIGINAL OR POST-DEPOSITIONAL; CORE QUITE BROKEN TOWARDS LOWER CONTACT							
20											
				21.3 - 27.3 LISTWANITE							
				COMPOSITION: QTZ - TALC - MARIPOSITE; RATIO OF QTZ TO TALC VARIES IN SECTION; MARIPOSITE IS VERY FINE GRAINED; ROCK IS TRASITIONAL BETWEEN 7b AND 7c; DISCONTINUOUS QTZ, TALC AND CARBONATE STRINGERS; OCCASSIONAL WEAK FOLIATION; AND COMPOSITIONAL VARIATION RESULTS IN A VERY MOTTLED TEXTURE							
25											
				27.3 - 48.8 VOLCANICS							
				MASSIVE; FINE GRAINED; GREY-GREEN TO MED GREEN; MOD. INTENSITY OF PERVASIVE CHL. ALT≅; WEAK PERVASIVE EPIDOTE ALT≅; WEAK TO MOD. SILICIC ALT≅; WEAK CARBONATE ALT≅							
30											
				27.3 - 30.0 INTENSE TALC ALT≅; STRONG CHLORITE ALT≅; ORIGINAL ROCK INTENSILY FRACTURED W TALC AND CHLORITE BETWEEN THE ALTERED CLASTS; VERY MOTTLED LOOK TO CORE; AT 29.3 THERE IS 10 CM OF FAULT GOUGE							
				31.2 - 32.7 MOD. SILICIC ALT≅ RESULTS IN GREY CORE; MINOR PYRITIC STRINGERS; MOD INTENSITY							

PAGE 3 OF 11 | PROJECT CUSAC | HOLE No CBS-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 4 OF 21 | PROJECT CUSAC | HOLE No C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (C-)	ALTERATION B (Ep)	ALTERATION C (Chl)	ALTERATION D (D)	ALTERATION E (S)	FRACT INTENSITY	M
30				27.3 - 48.8 VOLCANICS (CONT.) OF IRREGULAR CHLORITE STRINGERS UP TO 3MM WIDE							
				39.5 - 40.3 STRONG SILICIC ALT°; MINOR QTZ STRINGERS; MOD. CRACKLE TEXTURE; 1-2% PYRITE, FINE GRAINED IN PATCHES AND STRINGERS							
				43.0 - 43.6 ABNT. TALC ALONG FRACTURES; CORE VERY BROKEN, PEBBLY AT END OF INTERVAL; MINOR DISSEM. CUBIC PYRITE							
35				43.6 - 44.0 MINOR HEMATITE ALONG IRREGULAR GREY QTZ STRINGERS							
				43.7 START GETTING A WEAK CRACKLE TEXTURE							
				48.8 - 49.1 CHERT MED GREY; MASSIVE; STRONG CRACKLE TEXTURE; LOWER CONTACT @ 40° TO C.A.							
40				49.1 - 70.3 VOLCANICS FINE GRAINED; MASSIVE; GREY TO MED. GREEN; MOD. CHL., WEAK EPID EXCEPT WHERE LATER WEAK TO INTENSE CARB. ALT° AND WEAK TO STRONG SILICIC ALT° HAS LEACHED CHL. AND EPID. FROM ROCK; WEAK TO MOD. CRACKLE TEXTURE							
45				49.1 - 51.9 STRONG SILICIC ALT° RESULTS IN GREY ROCK; MOD. CARB ALT°; MINOR WHITE QTZ STRINGERS; MOD. CRACKLE TEXTURE W/ CLEAR TO GREY QTZ IN FRACTURES; 2% PYRITE DISSEM. IN ROCK AND ALONG FRACTURES							
50											

PAGE 5 OF 21 | PROJECT CUSAC | HOLE No. C85-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Cx A	Ep B	Chl C	D	S E	FRACT INTENSITY	M	VEIN
50		SCa		49.1-70.3 VOLCANICS (CONT.)								
				(50.9-51.05) 15CM STRINGER AT 35° TO C.A.; COMPOSED OF 1-2CM WALLROCK FRAGS, GREY QTZ, PALE BLUE QTZ, MINOR PYRITE								
				51.9-53.1 WEAK SILICIC AND WEAK CARB. ALT≈; ROCK MED GREEN; TRACE DISS. PYRITE; WEAK CRACKLE TEXTURE W CHL. IN FRACTURES								
-52												
		SCa		53.1-54.1 MOD. SILICIC ALT≈; MINOR WHITE QTZ STRINGERS UP TO 1CM WIDE AT 40°-50° TO C.A.; MOD. CARB ALT≈; WEAK CRACKLE TEXTURE W GREY QTZ + CHL. IN FRACTURES; 3% PYRITE PREDOMINATELY IN FRACTURES, FINE GRAINED.								
-54												
		MAFK		54.1-54.85 INTENSE CARB. ALT≈; WEAK TO MOD. SILICIC ALT≈; MINOR WHITE QTZ STRINGERS; 5% PYRITE, CONCENTRATED ALONG FRACTURES SUBPARALLEL TO C.A.; WEAK CRACKLE TEXTURE								
-56												
		SCa		54.85-55.05 QTZ STRINGER (0.2) SEE DISCRIPTION NEXT PAGE								
				55.05-55.25 FW OF VEIN; STRONG SILICIC, MOD CARB ALT≈; 2-3% FINELY DISSEM. PYRITE								

PAGE 7 OF 21 | PROJECT CUSAC | HOLE No C85-154

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/T	% Ag oz/T	%			COMPOSITE ASSAY.
54.1-54.85 PYRITIC VOLCS; SEE DISCRIPTION PRECEDING PAGE 5% PY.	1%	54.1 54.85	0.75	E8272	TR	.09				
54.85-55.05 QTZ STRINGER (0.2m); WHITE QTZ W MINOR CARBONATE AND CROSS-CUTTING CARBONATE STRINGERS. 1-2% FINE GRAINED PYRITE DISSEM IN STRINGER		54.85 55.05	0.20	E8273	TR	.06				

PAGE 8 OF [illegible] | PROJECT CUSAC | HOLE No. C85-151

DE (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	TAC
57				49.1 - 70.3 VOLCANICS (CONT.)								
				55.25-58.9 WEAK SILICIC AND CARB. ALT^{N} A FEW ZONES UP TO 10 CM WIDE OF MOD. SILICIC & 1-4% DISS. PYRITE; MINOR WHITE QTZ STRINGERS; ROCK MED. GREEN COLOR.								
			SCa	58.9 - 59.6 HW OF VEIN MOD CARB ALT^{N}; MINOR SILICIC; MINOR QTZ STRINGERS								
-59				59.6 - 60.0 QTZ STRINGERS 2-16 CM QTZ STRINGERS WITH 8 CM OF VOLC BETWEEN. STRINGERS ARE 80% MILKY WHITE QTZ; 18% WHITE CARBONATE; 2% PYRITE; MINOR CROSS-CUTTING ORANGE-BROWN CARBONATE STRINGERS; PYRITE FINE TO MED. GRAINED DISSEMINATED; TOP CONTACT AT 60° TO C.A.								
-61				60.0 - 60.3 FW OF VEIN STRONGLY SILICIFIED; LIGHT GREY COLOR; 2% DISSEM. PY.								
			SCa	60.3 - 64.23 MED. GREEN VOLCS; MOD. CHLORITE, WEAK EPIDOTE; WEAK SILICIC [GREENSCHIST GRADE MMF] MINOR WHITE QTZ STRINGERS AT 40° TO 50° TO C.A. MOSTLY <1 CM THOUGH AT 64.3 THERE IS A 9 CM BARREN QTZ STRINGER AT 40° TO C.A.								
-63												
63												

PAGE 9 OF 24 | PROJECT CUSAC | HOLE No C85-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
59.6-60.0 2 QTZ STRINGERS PLUS 8 CM OF VOLC. ROCK BETWEEN DISCRIPTION ON PRECEDING PAGE; 2% PYRITE		59.6 60.0	0.4	E8274	TR	.07				

PROJECT Cuzac

HOLE No. C35-151

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY		VEIN
65				49.1 - 70.3 Volcanics (cont')								
				66.23 - 68.48 · pale green grading into tan in central portion of section, abundant iron stain ± 2-3% py in patches & stringers in central region, moderate to intense carb alty, slight chlorite alty, local moderate fine fractures								
				68.48 - 69.94 - medium green volcanics, moderate chlorite, slight epidote, slight silica,								
		5Cca		69.94 - 70.3 - HW of vein pale green darkening slightly downsection, slight chlorite intense carb alty, mod silica, local moderate crackle bxa, 2% diss py								
-70				70.3 - 70.65 Qtz Vein								
		Sy		70.65 - 78.36 Volcanics - f.g massive								
				70.65 - 70.92 - FW of vein, dk grey to tan downsection, slight graphite(?) alty in upper half, intense carb alty brecciated ± abundant white qtz stringers (floating...) in lower half, abundant white qtz stringers (@ 45° to c.A. in upper half, 3-5% disseminated py, iron stain + minor intense clay alty between upper + lower half of section								
		5Cca		70.92 - 75.42 pale green/grey to tan, weak chlorite, moderate carb alty, abundant qtz/carb stringers, slight to moderate crackle bxa, local 2% diss py, slight pervasive silicification, local tr's inclusions								
75												

PAGE 11 OF 24 | PROJECT Cusac | HOLE No. [illegible]

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/ton	% Ag oz/ton	%			COMPOSITE ASSAYS
69.94- 70.3 . H.W of vein as described p. 10 , 2% py.			.36	E 8275	TR	.12				
70.3- 70.65- Qtz Vein. - milky white qtz w ~ 1% [illegible] in patches & (moderately alt'd) fluid inclusions, moderate recrystallized wall rk bxn, 2-3% py diss and in pseudostylolites, local slight talc/sericite H.W contact is broken core, vein is competent, FW contact @ 40° to c.A.			.35	E 8276	TR	.10				
70.65- 70.92 - F.W of vein, as described p 10, 3-5% py			.27	E 8277	.025	.14				

PAGE 12 OF 21 | PROJECT: Cusac | HOLE No. CSC-51

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Ca)	ALTERATION B (Ep)	ALTERATION C (Chl)	ALTERATION D (Si)	ALTERATION E (S)	FRACT INTENSITY	M	VEIN
75				70.65 - 78.36 Volcanics (cont)								
		5 Ca		75.92 - 78.36 - pale green/grey, slight silicification, moderate to intense carb alty, abundant iron stain, moderate fractures, local slight talc inclusions, local vugs + cavities of former stringers, local moderate cracks, loc slight clay alty in lower .6 m, local 2% py in stringers + disseminated								
78		X Ca										
				78.36 - 78.8 Dyke - pale green, fg to mg, abundant rounded carbonate phenocrysts (probably former feldspars), moderate pale blue talc/qtz(?) inclusions (floating?) small fg knots in ground mass, moderate carb alty, probably a lamprophyre								
		5 Df										
81												
		X		78.8 - 83.5 Chert - medium green intense cracks loc, moderate silicific, slight to moderate carb. alty, slight to local moderate iron stain								
84				81.9 - 83.5 - local med green volcanic inclusions increasing in abundance downsection, moderate to local badly broken core								
		5 Ka		(82.1 - 83.5) moderate to badly broken core to moderate clay alty								
87												
				83.5 - 94.3 Volcanic - massive, fg.								
				83.5 - 90.55 - medium green to green, moderate to intense silicific, slight epidote, local slight fine stringers, local slight clay alty, slight chlorite stringers								
90												

PAGE 13 OF 21 | PROJECT Cusac | HOLE No C85-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
34.13 - 84.25 - Qtz Veinlet - white qtz w slight carbonate, moderate mys. local 2% py along contacts, ~ contacts @ 45-50° to C.A.										

PAGE 14 OF 2 | PROJECT (illegible) | HOLE No (illegible)

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY		CLAY
90				53.5 - 94.3 Volcanic (cont)								
				90.55 - 94.3 light to pale green, slight to moderate chlorite, slight to moderate carb alt'n, local moderate crackle, local moderate broken core in moderate clay alt'n								
91				(93.66 - 94.3) yellowish green, moderate carb alt'n, slight chlorite, moderate iron stain, 1-2% py in stringers, slight crackle								
92		SCa										
93												
				94.3 - 111.5 Chert								
94				94.3 - 101.25 grey, intense crackle, moderate carb alt'n, local moderate clays, moderate iron stain, slight to moderate fractures, local 1-2% py in stringers, local moderate broken core								
95				(94.3 - 94.9) brecciated pale green volcanic + grey chert								
				(96.38 - 96.93) volcanic (?) inclusion, tan-orange colored, intense carb alt'n, strong iron stain, moderate veins, slight clay alt'n, local chert bxx, slight to moderate fractures local 2-3% py in patches, bottom contact @ 46° to C.A.								
97		SDf										
				(98.5 - 100.43) volcanic inclusion, almost white + local yellowish tones, intense carb alt'n, slight clay alt'n, slight crackle, slight carb stringers + fracture filling local 1% disseminated py, upper contact is slightly brecciated + clay alt'd + iron stained, lower contact @ 10° to C.A.								
99												
100												

PAGE 15 OF 21 | PROJECT Cadoc | HOLE No C85-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 16 OF 21 | PROJECT: Cruse | HOLE No. 3[illegible]

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY
100				74.3 - 111.5 Chert (cont.)						
				101.25 - 111.5 - pale green/grey, intense crackle, slight chlorite alt'n, slight carb alt'n, local slight to moderate broken core						
				(101.5 - 108.35) moderate yellow/green volcanic inclusions in chert						
				(108.35 - 111.5) moderate to local badly broken core, local slight to moderate clay alt'n, local 2% py in stringers						
	50									
				111.5 - 119.35 Volcanic - mafic						
				111.5 - 115.22 - light green, moderate crackle, slight to locally intense clay alt'n, slight talc fracture fillings & stringers moderate chlorite alt'n, minor local chert inclusions (brec), local 2-3% py in stringers						
109				111.25 - 112.45) inclusions of mafic >10% py in volcanic						
				(112.8 - 114.9) visible mg chlorites + felsics						
				(114.9 - 115.22) mafic mg felsics in clay alt'n, slight silicification, 1% py in thin stringers						
				115.22 - 116.75 - brec, moderate to local intense crackle, intense carb alt'n, moderate silicification, local talc fracture fillings, local chert inclusions (intensely alt'd volcanic)						
	50			(115.3 - 116.4) moderately broken core, moderate clay alt'n on fracture surfaces						
				116.75 - 117.8 - pale green & dk. grey (black) intense crackle, slight chlorite alt'n, slight graphite alt'n, crackle dominates core in green brec running through. local 1% py in fine vein stringers						
118										

PAGE 12 OF 21 | PROJECT Cusac | HOLE No. C85-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE: 18 OF 21 PROJECT: Cirstac HOLE No. 35-151

DEPTH METRES	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	MINERALIZATION	SAMPLES
118				118.5 - 119.35 Volcanic (cont.)								
	5	Ca		117.8 - 118.6 - pale green, slight chlorite slight carb alt^{n}, moderate carb stringers, slightly broken core, upper contact abrupt, lower contact gradational very slight cracklen								
		Qz		118.6 - 119.35 - H.W. of vein: grey, moderate to intense carb alt^{n}								
121				(118.6 - 118.92) - intense silicification, moderate crackle + moderate white qtz stringers @ 50° to C.A. local qtz flooding in bottom 8 cm + 1% diss py								
				(118.92 - 119.35) no silicification, slightly darker grey (graphite alt^{n}?), 2-3% py disseminated + in stringers								
124				119.35 - 121.42 Qtz Vein (2.07 m)								
				121.42 - 130.1 Volcanic Tuff								
	5	Cg		bluish grey to grey ash layers @ 50-60° to C.A. average 1cm or less in width								
				121.42 - 123.2 - abundant white qtz stringers, 1-2% diss py, slight crackle								
127				123.2 - 130.1 - moderate crackle, moderate pervasive silicification, local intense crackle + brecciation,								
				(124.7 - 125.0) moderate to badly broken core, moderate clay alt^{n}, local iron stain								
				(128.2 - 129.2) moderate to badly broken core, moderate clay alt^{n}, slight iron stain								
				(129.7 - 129.82) badly broken core + gouge								

PAGE 19 OF 21 | PROJECT Cirbar | HOLE No. CB 157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/T	% Ag oz/T	%			COMPOSITE ASSAYS
118.76 - 119.35 - HW of Qtz vein as described p 18, ~ 2% py			.75	E8278	.039	.02				
119.35-121.42 - Qtz Vein. - brecciated white - lesser grey Qtz ± minor carbonate in stringers, competent solid core, upper + lower contacts are irregular, HW approx @ 60° to C.A, FW approx @ 30° to C.A.										
(119.35 - 119.85) - grey Qtz (possibly 2 stages) ± lesser white Qtz bxa, abundant graphitic (:) pseudotachylites, abundant thin carb stringers (moderately alt'd), 1-2% diss py, local 1% sphalerite, trace tetrahedrite (:)			.5	E8279	.006	.25				
(119.85 - 120.7) - white Qtz ± lesser grey Qtz, moderately recrystallized wall rk bxa (average clast < 1cm), moderate carb. stringers, slight opaque Qtz stringers, local 1% py in lower .32 m.			.85	E8280	TR	.05				2.0 /M @ .018, 10
(120.7 - 121.42) white Qtz ± slight grey Qtz, minor wall rk bxa except in lower .2 m where there are large (~ 4 cm length) wall rk clasts, slight carbonate, local 1% py			.72	E8221	TR	.05				
121.42 - 122.04 - FW of vein as described in p 13, 2% py			.62	E8282	.044	.02				

PAGE 20 OF 21 | PROJECT Cusac | HOLE No. 85-151

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	K	CLAY
130				130.1 - 132.9 Volcanic - massive, fg. 130.1 - 131.56 - grey, moderate serc alt'n, slight silicification, moderate qtz stringers local 1% py in fractures, moderately broken core in bottom 0.6 m. (130.92 - 131.2) - qtz veinlet, see p 21.								
		SCa		131.56 - 132.9 - grey to pale green, moderate serc alt'n, slight chlorite, slight crackle, local moderate broken core, slight clay alt'n, moderate thin white qtz stringers, local slight iron stain								
-132												
				132.9 - 134.1 Volcanic Tuff Mainly grey w ash layers (< 8 mm width) @ 45° to C.A., moderate to intense silicifications, slight clay alt'n, moderate crackle, local 1% diss py, moderate qtz/carb stringers (133.3 - 133.75) moderate to locally broken core, moderate clay alt'n, slight iron stain.								
		SCb										
-134				E.O.H. (134.1 m)								

PAGE 21 OF 21 | PROJECT CUSAC | HOLE No. C85-151

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% oz/ton	% oz/ton	%			COMPOSITE ASSAYS
130.92-131.2- Qtz Veinlet - white gtz ± slight carbonate - well vk bxa, local tale/sericite, local 1% py and trace sphalerite, moderate to badly broken core		[redacted]	.28	E8283	TR	.10				

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: Cusac	GROUND ELEV.: 1344.445 M.
HOLE No.: C85-152	BEARING: 183°01'37"
LOCATION: 1264.964 N, 1274.990 E	DIP: -45°41'28"
	TOTAL LENGTH: 121.0
LOGGED BY: J. Pardoe + G. Sobering	HORIZONTAL PROJECT: 84.88
DATE: Nov 4/85	VERTICAL PROJECT: -86.22
CONTRACTOR: D.J. Drilling	
CORE SIZE: B.Q.	
DATE STARTED: Nov. 3/85	
DATE COMPLETED: Nov. 5/85	

ALTERATION SCALE

absent
slight
moderate
intense

TOTAL SULPHIDE SCALE

traces only
< 1%
1% – 3%
3% – 10%
> 10%

DIP TESTS	Dip Change	Actual	Correct
@200'	30.48	-53.9	-45.8
@ 397'	90.98	-52.6	-44.5

COMMENTS

O.V int. @ 115.2-117.4(2.2m)
2.2m @ .026, .10

LEG

DDH# C85-152

DIST IN SECT FROM HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	22.35
(4.0 EAST OF 1001)		
ON 1001	0.00	16.15
21.29	-21.81	4.50
X-SEC	0.00	0.76
ON 1002	0.00	-14.61
X-SEC	0.00	-29.99
63.46	-65.18	-30.86
80.74HW	-82.16	-45.34
ON 1003	0.00	-45.38
82.31FW	-83.70	-46.65
TOE	-86.22	-48.81
(2.2 WEST OF 1003)		

TOTAL HORZ = 84.88
TOTAL VERT = -86.22

PAGE 2 OF 23 | PROJECT: Cusac | HOLE No. 85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	CLAY
0				0-6.6 Overburden								
6				6.6-30.2 Volcanic - massive, f.g.								
				6.6-7.24 - light green in slight iron stain, moderately broken, 33% core recovery, moderate chlorite, slight cracklé + carb alt^{n}								
7	33			7.24-7.6 - white in slight orange iron stain, intense silicification + carb alt^{n}, intense fine fractures, 33% core recovery								
8				7.6-8.8 - tan in orange tones, + local pale green patches moderate to intense carb alt^{n}, moderately broken core in moderate fractures, local talc stringers in pale green patches								
9												
10												
11												
12				8.8-15.89 - light green, moderate chlorite, moderately broken core, moderate chlorite stringers (cracklé), moderate silicification locally intense, local badly broken in moderate clay alt^{n}, local 2% py in stringers + fractures.								
13				(14.3-15.89) light green going pale down section, chlorite alt^{n} decreases to slight, silicification increases down section to intense, slight increase to moderate carb alt^{n}.								
14												
15				15.89-21.2 white/tan in faint bluish tones, intense silicification, intense carb alt^{n}, intense cracklé, abundant fine stringers + local flooding, local 1% py moderate iron stain (generally along fractures)								
16				(16.55-17.87) brecciated + grey silica flooding (bxa 1mm → 6mm dia) abundant iron stain slight vugs, local moderate clay alt^{n}								
17												
18												

PROJECT: Cusac

HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/ton	% Ag oz/ton	%			COMPOSITE ASSAYS
16.83 - 17.73 - brecciated volcanics in grey silica as described p 2			.9	E8284	Tr.	.05				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	CL C	D D	S E	FRACT INTENSITY	A	C
18				6.6 - 30.2 Volcanic (cont.) (18.6 - 19.26) abundant iron stain, local moderate clay alt'n (20.38 - 21.2) brecciated volcanic flooded w/ grey gtz, local abundant iron stain + moderately broken core								
				21.2 - 23.5 - yellowish grey, locally orange, moderate carb alt'n, moderate chlorite stringers (21.2 - 21.6) brecciated (average clast 1-2 cm length) w/ small amts of grey gtz matrix, moderate to intense silica, local iron stained patches (21.6 - 22.65) orange iron stain, slight to locally intense clay alt'n w/ badly broken core (23.1 - 23.5) abundant thin carb stringers + fracture fillings.								
-24	5	Ca		23.5 - 26.18 - pale green w/ visible felsic grains, slight, locally intense crackle, local brecciation (clasts < 2 mm.), slight chlorite, slight to moderate carb alt'n, slight to moderate gtz/carb stringers								
				26.18 - 30.2 - light green + black, slight to moderate chlorite, moderate graphite alt'n, intense crackle, abundant local brecciated volcanic (clasts 1 mm to 2 cm dia.), local moderate gtz/carb stringers, (29.15 - 29.6) moderate to badly broken core, 1% diss fg py (29.6 - 30.2) local moderate gtz/carb stringers @ 45-60° to C.A, 3% diss py local 5% in patches.								
-27												
30												

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/ton	% Ag oz/ton	%			COMPOSITE ASSAYS
20.38 - 21.2 - brecciated volcanic as described p 4			.82	E 8285	Tr	.03				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Cl C	D	S E	FRACT INTENSITY	>	CLAY
30		5Ca 10a		30.2 - 30.76 Dyke - pale greyish green, abundant rounded calcite phenocrysts (former feldspars?), small chlorite phenocrysts (former biotites?), local trace py, moderate carb alt^{n}, slight graphite(?) alt^{n} Likely a lamprophyre upper contact @ 60° to C.A, bottom contact @ 80° to C.A., f.g. towards contacts.									
				30.76 - 51.43 Volcanic - f.g., massive									
				30.76 - 36.0 - pale green/white ± f.g. mafic specks, abundant white qtz stringers, locally flooded, slight chlorite moderate to intense carb alt^{n}, moderate silicification									
				(30.76 - 30.88) intense crackle brec, 2-3% py disseminated + in patches									
-33				(30.88 - 32.16) moderate crackle brec, 1-2% py associated ± qtz/carb stringers									
		5Ca		(32.16 - 32.6) - qtz/carb flooded, intense silicification, 3-4% py diss. + in patches associated ± qtz, local moderate iron stain, moderate vugs + cavities local talc inclusions @ top of section.									
				(32.6 - 34.1) slight to moderate iron stained fractures, local qtz/carb flooding ± associated 2% py, local light green talc/sericite fracture fillings									
				(34.1 - 36.0) moderate iron stain fractures, moderate talc fracture fillings + slight flooding, local qtz flooding + intense silicification, minor local intense crackle brec, local trace py									
36													

PAGE 7 OF 23 | PROJECT: Cusac | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/ton	% Ag oz/ton	%			COMPOSITE ASSAYS
32.16-32.6 - gtz/carb flooded volcanic (sample), 3-4% py			.44	E8286	Tr.	.02				

PAGE 8 OF 23 | PROJECT: Cusac | HOLE No 85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION CA A	EP B	CHL C	D D	S E	FRACT INTENSITY	M	CLAY
36				36.76 - 51.43 Volcanic (cont)								
				36.0 - 36.76 - pale yellow to brownish grey, moderate to intense carb alt^{n}, moderate crackle, slightly broken core								
				36.76 - 37.55 - grey becoming slightly darker downsection, local fe flooding @ top of section, abundant qtz/carb stringers + fracture fillings in upper half of section, slight talc stringers, moderate iron stained fractures, slight carb alt^{n}, slight silicification increasing to moderate downsection, < 1% py in stringers							
-38				37.55 - 39.05 - faint greenish grey to local yellowish tones, moderate crackle, local intense iron stained fractures, local brecciation, intense silicification, slight chlorite, slight to locally moderate carb alt^{n}, moderate broken core, local 1% py in stringers								
-40		SK	a	(38.34 - 38.86) abundant yellow tones, strong iron stain, moderate to intense carb alt^{n}, slight clay alt^{n}, intense fractures								
				(38.86 - 39.05) local yellow patches, local 1 cm cubic py								
				39.05 - 44.1 - pale yellow to local slight purplish - greenish tones, slight to locally moderate crackle, slight to moderate silicification, moderate carb alt^{n}, local iron stain, local 1-2% disp py, local slight talc inclusions								
-42				(42.8 - 43.56) - abundant iron stain, moderate crackle, 1% py in stringers								
				(43.56 - 44.1) - increasing purplish + greenish tones, moderate silicification, slight carb alt^{n}								
44												

PAGE 9 OF 23 | PROJECT: Cusac | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: Cusac

HOLE No. 85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl C	D D	S E	FRACT INTENSITY	M	Py
44				30.76 - 51.43 Volcanic (cont)								
				49.1 - 48.3: light green/grey locally grey, moderate chlorite locally absent, slight carb alt'n, slight crackle, slight to local moderate silicification, local qtz flooding.								
				(44.1 - 45.6) light green, local iron stain								
				(45.6 - 46.12) grey w local green patches, moderate silica, minimal qtz stringers @ 60° to C.A. w local 1% py, local iron stain								
				(46.12 - 46.52) qtz flooding, intense silica local intense clay alt'n, 1-2% py in stringers								
				(46.52 - 46.9) yellowish grey, moderate qtz/carb stringers, abundant fine iron stained fractures, slight graphite alt'n in bottom 1 m, moderate decreasing to slight silicification downsection								
	5%			(46.7 - 47.7) - light green, slight to moderate qtz stringers, moderate silica, local 1-2% py in qtz stringers								
-47				(47.7 - 48.1) intense qtz/carb flooding, local 2-3% diss py in bottom 1 m.								
				48.1 - 49.8 - faint green/grey, moderate cracklé - fractured, local iron stain, 1-2% py diss. in stringers, weak chlorite, slight carb alt'n, moderate silica, abundant thin qtz stringers								
				49.8 - 51.0 - grey, brecciated volcanic, intense silicification, intense fractures locally iron stained, local vugs, slight carb alt'n, local 1% trace py								
				(49.8 - 50.22) strong iron stain, local intense clay alt'n, brecciated white + grey qtz in bottom .22 m. local 1% py								
50												

PAGE 11 OF 23 | PROJECT: Cusac | HOLE No. C 85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/ton	% Ag oz/ton	%			COMPOSITE ASSAYS
44.46-44.58- Qtz/Carb veinlet 65% qtz, 35% carb, carb is intensely alt'd, slight wall rk. bxa, local slight talc/sericite, local 1% py in fract. stringers, contacts @ 65° to C.A.	///		.12	E8287	.025	.04				
50.0-50.22- Brecciated white & grey qtz veinlet (?), intense recrystallized volcanic, 1% py	///		.22	E8288	.024	.09				

PROJECT: Cuase

HOLE No. 85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY	A	C
50				30.76 - 51.43 Volcanic (cont)								
				51.0 - 51.43 - grey to faint green + purple tones, intense silicification, slight crackle, slight carb alt^{n}, weak chlorite, local 1% disc. py., sharp lower contact @ 35° to c.a.								
				51.43 - 54.05 Chert - pale green, local volcanic inclusions, moderate to local intense crackle, moderate chlorite								
-54				(52.0 - 52.45) light green volcanic inclusions, slight silicification								
				(52.7 - 54.05) intense crackle, local volcanic inclusions becoming more numerous + dominant downsection								
-58				54.05 - 84.92 Volcanic - massive, f.g.								
				54.05 - 64.18 medium green, moderate chlorite, slight to moderate silicification, slight crackle								
				(54.05 - 54.6) local chert inclusions								
				(57.0 - 64.18) chlorite alt^{n} felsics give spotted appearance to core, local moderate broken core @ (59.6 - 61.2), local intense clay alt^{n} + moderate broken core @ (62.75 - 63.35), slight epidote alt^{n}								
-62				64.18 - 67.54 - medium green to mafic felsics, moderate chlorite, slight crackle, slight local qtz stringers								
				(65.02 - 65.6) grey, moderate silicification 2-3% py disc. in patches, local moderate crackle.								
66												

PAGE 13 OF 23 | PROJECT: Chrome | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

56.92 - Qtz [illegible] - 6cm,
white, fine grained carb [illegible]
@ 55° to C.A. No visible sulphides

PROJECT: Cusac

HOLE No. 85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Cl C	D	S E	FRACT INTENSITY	M	CLAY
66				54.05 - 84.92 Volcanic (cont)								
				67.54 - 68.0 - light green, moderate silicate, slight carb alt'n, slight silica, slight crackle, 1% diss py, local qtz / carb stringer								
				68.0 - 69.55 - grey, moderate to intense silicification, moderate crackle, 2% diss. c.g. py.								
				(68.0 - 69.25) moderate to badly broken core, local intense clay alt'n + iron stain, local white - grey qtz flooding, 1% diss py								
				69.55 - 84.92 light to medium green, w local minor foliation, moderate chlorite, slight silicification, slight qtz stringers slight crackle,								
	SCa			(70.62 - 71.02) pale green, qtz flooded, intense silicification, slight chlorite.								
77				(75.09 - 75.34) inclusion of medium green chert, moderate crackle								
				(76.94 - 79.06) - light green, slight pervasive talc alt'n, local intense cracklés								
				(81.4 - 82.88) light green, slight pervasive talc alt'n, local intense crackle, local moderate to intense clay alt'n in bottom .3 m.								
				(84.0 - 84.92) light green, slight clay alt'n, bottom .35 m has moderate to intense crackle bxa. and slight iron stain								
	SDf			84.92 - 88.86 Chert - grey w local faint green tones intense crackles, moderate to local badly broken core, local iron stain & intense clay alt'n/ local slight chlorite, local qtz/carb stringers								
88												

PAGE 15 OF 23 | PROJECT: Cusac | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
68.73-69.24 ; INTENSILY SILICIFIED VOLCS; 2% PYRITE				S1 E 8289	.022	.10				

PAGE 16 OF 23 | PROJECT: Cusac | HOLE No. 85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	ALTERATION B	ALTERATION C	ALTERATION D	ALTERATION E	FRACT INTENSITY		
85				88.86-90.16 Argillite - black, massive, intensely silicified (locally argillite), abundant fine gr. sulfides, local moderate vugs, local moderate bedding cuts w. local intense clay alt'n								
		50d		90.16-102.4 Chert.								
90		X		90.16-90.9 medium grey, slight to moderate cracking, local argillite bands @ 30° to C.A. Also have tan-brown inclusions + veinlets (ribbons?) parallel to argillite bands.								
		50d		90.9-93.9: CHERT, lt. green (chl. alt'd?), f.gr., massive. Graph. veinlets are present + may form a cr. texture. Core broken from 92.0-93.0. Some wh. qtz. + carb. veinlets are present. F.gr. diss-em'd pyr. is present in last 30cm.								
95				93.9-94.55: CHERT, lt. purple (int. carb. alt'd), f.gr., massive. F.gr. patches + veinlets of pyr. (in 5% abundance) exist. Graph. veinlets are present + may form a cr. texture. Wh. qtz. + carb. form veinlets + fract. fillings.								

PAGE 17 OF 23 | PROJECT: CUSAC | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

 PROJECT: Cusac HOLE No. C85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-a
95				90.16-102.4 CHERT - cont'd								
				94.55-99.6: CHERT, green (chl. alt'd), f.gr., massive. Graph. veinlets are common + may form a cr. texture. Wh. qtz. + carb. is as veinlets + fract. fillings. Last 40cm is lt. purple in color (int. carb. alt'd?) w/ f.gr. disems. of pyr.								
		5Dk										
-100												
		X		99.6-102.4: CHERT, dk. green (int. chl. alt'd), massive, f.gr.. Locally brown-tan veinlets + fract. fillings are present (ribbons?). Graph. veinlets may form a cr. texture. At 100.2 have chl. alt'd vole. inclusions.								
		5Ca										
-105												
				102.4-103.9 VOLCANIC, mod. Chl. altered, green, f.gr., massive. Wh. tials is as veinlets + fract. fillings. Core locally broken + pyr. fract. fillings at 103.2.								

PAGE 19 OF 23 | PROJECT: Cusac | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 20 OF 23 | PROJECT: Cusac | HOLE No: C85-152

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-2
100				103.9-115.2 CHERT								
				103.9 - 108.6: CHERT, green (chl. alt'd?), f.gr., massive. Graph. veinlets form a cr. texture.								
				108.6-109.5: CHERT, lt. purple (int carb. alt'd?), f.gr, massive. Wh. qtz./carb. is as veinlets ± stringers (<1cm). F.gr. dissem'd pyr. is assoc'd w/ the qtz./carb.. Graph. veinlets are present + may form a cr. texture.								
105												
	50%			109.5-110.1: BRECCIA ZONE, of subA grey chert frags. + inclusions in a wh. qtz. matrix (slightly Fe-stained). Frags. are <3x 1cm)								
110												
				110.1-115.2: CHERT, lt. gray (graph. alt'd?). Wh. qtz. stringers (<6cm) veinlets, + fract. fillings are very common + generally have f.gr. dissems. + veinlets of pyr. in the proximity (in 1% abondance). Some areas are bdecc'd + graph. veinlets forms a cr. texture. Tan-brown veinlets are present locally (ribbons?).								
115												

PAGE 21 OF 23 | PROJECT: Cusac | HOLE No. C85-15Z

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 22 OF 23 | PROJECT: Cusac | HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C
115		Qtz. V.		115.2–117.4 QTZ. VEIN (2.2m)								
				117.4–121.0 RIBBON CHERT, lt. grey to white, f.gr., massive. Wh. qtz. is very common as vein-lets, stringers (<6cm) + fract. fillings. Ribbons are tan brown in color + are 50° TCA, though may be random. Pyr. is in <1% abundance as f.gr. patches + dissems.								
		SDF										
120												
				121.0 — End of hole —								
125												

23 of 24

PAGE 23 OF ~~24~~ | PROJECT: Cusac | HOLE No. C85-152

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
114.2-117.4: QTZ. VEIN										
115.2-115.5: BRECC. ZONE, in a milky wh. qtz matrix. Grey chert is as sub^ frags. (<2x1cm), fract. fillings + veinlets. Locally calc. Fe-stained. No sulphides present.			0.3	E4133	TR	.02				
115.5-116.25: BRECC. ZONE, as above but w/ more chert veinlets and larger frags. (<3x2cm). Pyr. is in 3% abundance as f.gr. veinlets + dissems.		(P)	0.75	E4134	.032	.12				2.2m @ .026, .10
116.25-116.65: QTZ. VEIN, milky wh. w/ veinlets + Brecc. fillings of grey qtz. Wh. carb. is also as veinlets. Dissems. + small patches (<.2x0.1cm) of Sphal. (1%) + Tetrahedrite (~0.5%), CPY (<.5%)		(P)	0.4	E4135	TR	.09				
116.65-117.4: BRECC. ZONE, milky wh. to grey w/ sub^ frags. of grey chert & wh. qtz. Grey veinlets (Chert? Grey qtz.?) are also common. Pyr. is in 2% abundance as f.gr. veinlets + dissems and at one instance as a 0.5cm stringer.			0.75	E4136	.040	.14				

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: Cusac	GROUND ELEV.: 1347.755
HOLE No.: C85-153	BEARING: 180°41'34"
LOCATION: 1293.107 N, 1254.533 E	DIP: -46°31'37"
	TOTAL LENGTH: 71.6m
LOGGED BY: J. G. Sobering	HORIZONTAL PROJECT: 49.22 m
DATE: Nov. 7/85	VERTICAL PROJECT: -51.99m
CONTRACTOR: D.J. DRILLING	
CORE SIZE: BQ	
DATE STARTED: Nov. 6, 1985	
DATE COMPLETED: Nov. 7, 1985	

DIP TESTS	DIP CHANGE	ACTUAL	CORR.
235'	35.81m	-54.8	-46.6

COMMENTS

NO. INTERSECTION.

ALTERATION SCALE

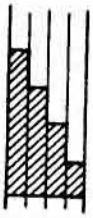
absent

slight

moderate

intense

TOTAL SULPHIDE SCALE



traces only

< 1%

1% – 3%

3% – 10%

> 10%

LEGEND

~~DDH C85-153~~

DIST IN SECT FROM
HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	56.95
(0.3 EAST OF 1001)		
ON 1001	0.00	56.30
X-SEC	0.00	39.45
24.63	-25.98	35.76
ON 1002	0.00	22.60
TOE	-51.99	14.62
(4.7 WEST OF 1002)		

TOTAL HORZ = 49.22
TOTAL VERT = -51.99

PAGE 2 OF 6 | PROJECT: Cusac | HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C
				0-6.7 Overburden								
		Q/b		6.7-71.6 VOLCANICS								
				6.7-10.1: VOLCANICS, mod. Chl. alt'd, green, f.gr., massive. Grey qtz. is common as veinlets + fract. fillings. Core is mod. silicif'd. Last 1.1m is v. broken up + Fe-stained. → FAULT.								
20												
		Sa		10.1-14.4: VOLCANIC, int carb. alt'd, int. silicif'd, lt. purple, massive, f.gr. Wh. qtz. is common as veinlets + fract. fillings. Pyr. is locally abundant + may be as fgr. veinlets, dissems. + fract. fillings. Last 1.6m is v. broken + Fe-stained. → FAULT.								
40												
				14.4-60.0: VOLCANIC, mod Chl. alt'd, green, massive, f.gr. Wh. qtz. as veinlets, stringers (<4cm) + fract. fillings. Graph. veinlets are present locally as are lt. green (Ep?) ones. Core int. clay alt'd at 28.6 and 52.1.								
60		V										

PAGE 3 OF 6	PROJECT: Cusac									HOLE No. C85-15
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
10.1-10.55: VOLCS., int. carb. alt'd, int. silicif'd lt. purple, f.gr., massive. F.gr. pyr. common in 10% abundance as veinlets and dustings.			0.45	E4147	Tr	.11				
22.0 - 22.3: VOLCANICS, mod. Chl. alt'd, int. silicif'd, green, massive, f.gr., Minor qtz. fract. fillings. F.gr. pyr. as veinlets + fract fillings in >10% abundance.			.23	E4148	Tr.	.06				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C/J Y
60				6.7-71.6 VOLCANICS - cont'd.								
				60.0-61.7: VOLCANICS, int. carb. alt'd, int. silicif'd, lt. grey, f.gr., massive. Wh. qtz. is as veinlets + fract. fillings. Graph. veinlets also present. Pyr. is found locally concentrated at 61.5 as f.gr patches (< 2x 0.5cm) though is present elsewhere as f.gr dissems. (in 1% abundance)								
65				61.7-62.2: VOLCANIC, mod Chl./Carb. alt'd, massive, f.gr. / Int. silicif'd. Graph. veinlets are present. Pyr is as f.gr. dissems. + veinlets in 2% abundance.								
70				62.2-68.3: VOLCANIC, int. carb. alt'd, lt. grey, f.gr, massive. Int. silicif'd, core has graph. veinlets which form a cr. texture. Core is v. broken + Fe-stained from 62.2-63.9 [FAULT] Pyr. is as f.gr. veinlets, stringers (< 1.0cm) + fract. fillings, in 3% abundance (locally concentrated).								

PAGE 5 OF 6 | PROJECT: Cusac | HOLE No. C85-153

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 6 OF 6 | PROJECT: Cusac | HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Clay
65				6.7 - 71.6 VOLCANIC - cont'd								
				68.3 - 71.6: VOLCANIC, mod. Chl/Carb. alt'd, int. silicif'd, lt. green, f.gr., massive. Graph. veinlets are present + may form a cl. texture. Core is broken over much of the interval + Fe stained along these breaks. Breakage + Fe-staining is int. from 70.4 - 70.6 (fault).								
70		5Ca										
				71.6m - End of hole -								
75												

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: Cusac	GROUND ELEV.: 1342.174 m
HOLE No.: C85-154	BEARING: 180° 01' 43"
LOCATION: 1261.621 N, 1233.836 E	DIP: -44° 38' 18"
	TOTAL LENGTH: 118.0
LOGGED BY: J. G. Sobering	HORIZONTAL PROJECT: 83.03
DATE: Nov. 8/85	VERTICAL PROJECT: -83.83
CONTRACTOR: O.J DRILLING	
CORE SIZE: BQ	
DATE STARTED: NOV. 7, 1985	
DATE COMPLETED: NOV. 10, 1985	

DIP TESTS	DIP CHANGE	ACTUAL	CORR.
200'	30.48 M	-53.7	-45.5

(NO DIP TEST AT BOTTOM OF HOLE)

ALTERATION SCALE

absent

slight

moderate

intense

TOTAL SULPHIDE SCALE

traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

	Elev.	Grade
QV int @	48.6 – 49.75	

LEGEND

```
DDH: C85-154

DIST IN SECT FROM
HOT      BL.  400 S

ONPLAN  :  VERT :  -ORZ
--------:-------:-------
COLLAR  :   0.00:  40.03
  ( 6.7 EAST OF 1003 )
ON 1003 :   0.00:  28.40
21.68   : -21.41:  21.25
X-SEC   :   0.00:  11.10
34.38HW : -34.34:  10.26
35.19FW : -35.16:   9.56
ON 1004 :   0.00:  -6.19
X-SEC   :   0.00: -23.49
TOE     : -83.83: -31.85
  ( 5.1 EAST OF 1005 )

TOTAL HORZ =  83.03
TOTAL VERT =  -83.83
```

PROJECT: CUSAC

HOLE No. C85-154

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-a
0				0-3.5 Overburden								
		Ob		3.5-20.0 VOLCANIC								
				3.5-20.0: VOLCANIC, int. chl. alt'd (locally mod.), dk. green, f.gr., massive. Graph. is as fract. fillings while qtz. is minor as veinlets. Core is broken over half of the interval to 10.0m. Core is int. clay alt'd at 17.2.								
10												
		5Ca										
				20.0-21.1 LAMPROPHYRE DYKE, dk. green, f.gr. massive, w/ wh. carb./dolomite phenocrysts (<5mm, but commonly 2mm).								
20												
		1Ca		21.1-48.6 VOLCANICS								
				21.1-30.8: mod. Ch. alt'd, green, f.gr., massive. Lime green veinlets are present (Chl.?) while black Graph. is as veinlets also. Wh. qtz. is as stringers (<3cm) + fract. fillings. From 26.8-27.4 core is mod. carb./chl. alt'd, very broken up + int. clay alt'd.								
		5Ca										
30												
40												

PAGE 3 OF 12 | PROJECT: Cusac | HOLE No. C 85-154

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 4 OF 12 | PROJECT: Cusac | HOLE No. C85-154

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C
30				21.1-48.6 VOLCANICS - cont'd								
				30.8-37.5: mod. Chl./Carb. alt'd, lt. green, f.gr., massive. Veinlets + patches of Graph. are present as is the odd patch of chl. Veinlets + stringers of carb. + qtz.. Fe-staining is present locally. Core is broken over the entire section and int. clay + carb. alt'd from 30.8-31.4 and 33.0-33.5, and 35.0 35.7. (FAULTS).								
40				37.5-44.2: mod. carb./chl. alt'd, green, f.gr., massive. Veinlets of chl. + graph. are present while qtz./carb. is as veinlets, fract. fillings + stringers (< 20cm, commonly < 0.5cm) Core is broken + int. clay alt'd from 40.8-41.9 (FAULT)								
50				44.2-48.6: Int. carb. alt'd, lt. purple, f.gr., massive. Wh. + grey qtz. is as veinlets + fract. fillings. Pyr. is as f.gr. disemms., veinlets + fract. fillings commonly assoc'd w/ the qtz. + in 5% abundance. From 46.0 to 48.6 core is V. broken up and Fe-stained - FAULT.								

PAGE 5 OF 12 | PROJECT: Cusac | HOLE No. C85-154

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 6 OF 12 | PROJECT: Cusac | HOLE No. C85-154

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Ca)	ALTERATION B (Ep)	ALTERATION C (Chl.)	ALTERATION D (Dol)	ALTERATION E (Silic)	FRACT INTENSITY	M	C-Pr
45				48.6 - 49.75 QTZ VEIN (1.15m)								
				49.75-65.19 VOLCANICS								
		Qtz		49.75-53.0: Int. carb. alt'd, int. silicif'd, lt. purple to tan, f.gr., massive. Graph. veinlets present, as are grey + wh. qtz. ones which are more abundant. Wh. qtz. may also be as fract. fillings. Pyrite is minor as f.gr. veinlets + fract. fillings (<1%).								
50												
		Ca		53.0 - 55.45: mod. Chl. alt'd, int. silicif'd, green, f.gr, massive. Graph veinlets are present + may form a cr. texture. Grey qtz. is present as stringers, veinlets, + fract. fillings. Pyr. absent.								
55				55.45 - 57.8 mod. Chl/Carb alt'd, lt tan/ green, f.gr., massive. Section alternates briefly between mod. Chl. alt'd sections + mod. Carb. alt'd. Both are int. silicif'd + have graph. veinlets. Pyr. is v. minor + found at the start + end of the interval in carb. alt'd areas as f.gr. dissems. + veinlets.								
60												

PAGE 7 OF 12 | PROJECT: Cusac | HOLE No. C85-154

MINERALIZATION DESCRIPTION	% TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
48.6 - 49.75: QTZ. VEIN, milky wh., broken up over section, X-cut by grey q tz. veinlets and FE-stained carb. veinlets. F.gr. Pyr. is in veinlets + fract. fillings in 3% abundance.										
Section divided into 2:										
48.6 - 49.05:			0.45	E8290	.073	.11				
49.05 - 49.75:			0.70	E8291	.572	.16				

PAGE 8 OF 12 | PROJECT: Cusac | HOLE No. CUS-154

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Clay
55				49.75-65.90 VOLCS. - cont'd								
				57.8 - 65.9: mod. Chl. alt'd, green, f.gr., massive. Graph. is as veinlets, fract. fillings + patches and is commonly found. Wh. qtz. is as veinlets + fract. fillings. Core is mod. silic'd. Core is mod. carb. alt'd from 61.3 - 61.9, which is also broken up w/ Fe-staining along breaks + minor int. clay alter. — FAULT.								
65				65.9-82.6: CHERT, lt green to grey, f.gr., massive. Core may have grey qtz. veinlets which may form a cr. texture. From 66.8 - 82.6 core is v. broken up w/ 49% core loss over this interval - major fault.								
75				82.6-83.2 VOLCANICS								
				82.6-83.2: mod. Chl., slight carb. alt'd, lt. green, f.gr., massive. Graph. are minor as is wh. qtz. as fract. fillings. Core is again broken up - FAULT.								
85												

7.8

PAGE 9 OF 12 | PROJECT: Cusac | HOLE No. C85-154

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-Zn
80				83.2-84.7 CHERT, dk green to grey, f.gr, massive. Grey qtz. veinlets are present + form a cr. texture. Core is again broken up indicating a fault zone.								
		5Of		84.7-90.8 VOLCANICS								
85		X		84.7-90.8: mod. Chl. alt'd, lt. green, f.gr., massive. Graph veinlets are present in addition to wh. qtz + talc veinlets. Core is slightly to intensely broken up over the section (fault?) and may be locally Fe-stained.								
		5Ca										
				90.8-92.25: CHERT, lt. grey, f.gr., massive w/ abundant grey (qtz or graph?) veinlets forming a cr. texture. Core is int. broken up for the first 0.8m and the last 0.2m.								
90		X										
		5Of										
		X		92.25-95.4 VOLCANIC								
		5Ca		92.25-95.4: mod. Chl. alt'd, green, massive, f.gr. Grey + wh. qtz. is as veinlets + fract. fillings. Last 1.0m is Fe stained.								
95		V										

PAGE 11 OF 12 | PROJECT: Cusac | HOLE No. C85-154

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE %	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 12 OF 12 | PROJECT: Cusac | HOLE No. 85-154

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-a-y
95				95.4-118.0 CHERT, lt.grey, f.gr. massive. Grey graphitic str. veinlets may be present locally + form a cr. texture. Wh. carb. is as veinlets + fract. fillings. Fe-stained ribbons at 50° TCA. These are in part composed of carb. + occur locally. Fe-staining also occur along fractures, breaks, + veinlets in the core. The core is broken over most of the section + may be locally intense.									
		SD f												
105														
				-End of hole-										
115														
125														

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: I Cusac	GROUND ELEV.: 1338.860
HOLE No.: C85-155	BEARING: 169° 39' 19"
LOCATION: N 1239.282 E 1220.318	DIP: -45° 23' 14"
	TOTAL LENGTH: 65.5
LOGGED BY: J.G. Sobering	HORIZONTAL PROJECT: 47.18
DATE: Nov. 11/85	VERTICAL PROJECT: -45.40
CONTRACTOR: D.J Drilling	ALTERATION SCALE: absent; slight; moderate; intense
CORE SIZE: BQ	
DATE STARTED: Nov. 10/85	TOTAL SULPHIDE SCALE: traces only; < 1%; 1% – 3%; 3% – 10%; > 10%
DATE COMPLETED: Nov. 11/85	

DIP TESTS	DIP CHANGE	ACTUAL	CORR.
200'	30.48M	-50.8	-42.6

COMMENTS

Elev. 1312.4M

Q.V @ 37.55 - 39.25

1.7M @ .022, .10

LEGEND

HOLE-I C85-155

DIST IN SECT FROM HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	27.44
(3.8 EAST OF 1004)		
ON 1004	0.00	16.68
21.4	-21.69	7.28
26.61HW	-26.48	2.38
27.86FW	-27.63	1.20
X-SEC	0.00	-11.31
TOE	-45.40	-16.98
(7.9 EAST OF 1005)		

TOTAL HORZ = 47.18

TOTAL VERT = -45.40

PAGE 2 OF 8 | PROJECT: Cusac | HOLE No. C85-155

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
0-10.4				Overburden						
10.4-19.70				VOLCANICS						
				10.4-15.95: mod. chl. alt'd, mod. S, lt. green, f.gr., massive. Core is v. broken up + Fe-stained to 14.6 (FAULT). Chl. + graph. is as veinlets + fract. fillings. Wh. qtz. + carb. is as veinlets + fract. fillings. Pyr. is v. minor						
				15.95-16.40: int. carb. alt'd, lt. purple, f.gr., massive. Int. silicif'd w/ grey qtz. as veinlets + wh. qtz. as stringers (<2cm) Pyr. is minor as f.gr. dissems. + veinlets (1% abundance).						
16.40-19.70				VOLCANIC TUFF						
				16.40-19.70: lt. green, slightly chloritic, f.gr., massive to locally foliated (30° TCA). Core is mod. silicif'd, though int. for last 70cm. Buff areas are as patches + veinlets while wh. qtz. is as veinlets.						

PAGE 3 OF 8 | PROJECT: Cusac | HOLE No. C85-155

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 4 OF 8 | PROJECT: Cusac | HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
19.70-37.55				VOLCANICS						
				19.70-23.2: mod. chl. alt'd, green, f.gr., massive. Lime green veinlets (chl.?) are common as are wh. ones of qtz. Core is Fe-stained + broken for the first 30cm while in the last 30 it becomes mod. carb. alt'd + has f.gr. dissem'd pyr. assoc'd						
				23.2-30.8: int. carb. alt'd, buff to lt. tan, f.gr, massive. Int. silicif'd, locally mod., core has wh. + grey qtz. as veinlets, stringers (<6cm) + fract. fillings. Pyr. is common (in 10% abundance) as f.gr. dissems., veinlets, + fract. fillings.						
				30.8-33.2: mod. chl./carb. alt'd, lime greenish-yellow, massive, f.gr. Core mod. to int. silicif'd, w/grey + wh. qtz. as veinlets + fract. fillings. Pyr. is in 3% abundance as f.gr. veinlets + dissems. Core broken + Fe-stained from 32.4-35.1.						
				151, 152, 153, 154, 155						

PAGE 5 OF 8 | PROJECT: Cusac | HOLE No. C85-155

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
				19.70-37.55 VOLCANICS - Cont'd						
				33.2-37.15: mod. carb/chl. alt'd, lt. green, f.gr., massive. Carb. +chl. alter. alternates from section to section, chl. being dominant. Wh. +grey qtz. is as veinlets + fract. fillings, while pyr. is as f.gr. dissems. in the carb. alt'd areas. Fe-staining present along some fractures.						
				37.15-37.55: VOLCANICS, hanging wall.						
				37.55-39.25 QTZ. VEIN (1.7m)						
				39.25-65.5 VOLCANICS						
				39.25-39.65: VOLCANICS, footwall.						
				39.65-40.8: Int. silicif'd, w/ pervasive graph. alter. Grey, f.gr., massive. Graph veinlets are common + form a cr. texture while wh. qtz. is as veinlets and fract. fillings.						

 PROJECT: Cusac HOLE No. C85-155

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
37.15-37.55: VOLCANICS (hanging wall), mod. carb./chl. alt'd, lt. green, f.gr., massive. Mod. silicif'd w/ graph. veinlets + gray + white qtz. fract. fillings. Pyr. is as f.gr. dissems. in 4% abundance			0.40	E8292	.047	.14				
QTZ. VEIN: 37.55-39.25			1							
37.55-39.25: QTZ. VEIN, milky wht. w/ grey qtz. veinlets X-cutting the core. Buff colored volc. inclusions may also be present. Pyr. is as f.gr. veinlets + fract. fillings in 3% abundance. Last 60cm is broken up w/ heavy Fe and limonite staining. Section divided in following intervals for assaying:			1							
37.55 - 38.40			.85	E8293	.044	.12				} 1.7m @
38.40 - 39.25			.85	E8294	TR	.08				} .022, .10
39.25-39.65: VOLCANICS, int. silicif'd, pervasive graph. alter., lt. grey, f.gr. massive. Core v. broken up + int. graph. alt'd at q. vein contact (fault)			0.40	E8295	Tr.	.07				

PAGE 8 OF 8 | PROJECT: Cusac | HOLE No. C85-55

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A	B	C	D	E	FRACT INTENSITY
				39.25-65.5 - VOLCANICS - cont'd						
				40.8 - 49.9: mod. chl./carb. alt'd, lt. green, f.gr., massive. Graph. veinlets are present + may form a cr. texture. Wh. qtz. (and some talc) form veinlets + fract. fillings. Pyr. is minor; yet concentrated locally in the qtz as f.gr. patches.						
				49.9 - 54.3: mod. chl. alt'd, green, f.gr., massive. Mod. silicif'd, core has grey graph. veinlets + fract. fillings. Wh. qtz. is minor as stringers (<0.5cm).						
				54.3 - 65.5: Int. silicif'd, Lt. grey to green, f.gr., massive. Graph. veinlets may be present + form a cr. texture locally. Pervasive graph. alter. is present from 56.8 - 57.4 and 58.0 - 58.4. Core is v. broken + Fe-stained from 54.6 - 55.2 w/ 50% core loss (FAULT). From 61.0 - 65.5 core is also broken up. Else where core is broken + Fe-stained locally.						
				-End of hole-						

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: Cusac	GROUND ELEV.: 1338.609
HOLE No.: C85-156	BEARING: 171° 38' 12"
LOCATION: N 1244.033 E 1196.332	DIP: -42° 33' 29"
	TOTAL LENGTH: 69.5m
LOGGED BY: J.G. Sobering	HORIZONTAL PROJECT: 49.62m
DATE: Nov. 13/85	VERTICAL PROJECT: -48.61m
CONTRACTOR: DJ DRILLING	
CORE SIZE: BQ	
DATE STARTED: NOV. 12/85	
DATE COMPLETED: NOV. 13/85	

DIP TESTS	DIP CHANGE	ACTUAL	CORR.
210'	22.00 m	-54	-46.0

ALTERATION SCALE

absent

slight

moderate

intense

TOTAL SULPHIDE SCALE

traces only

< 1%

1% – 3%

3% – 10%

> 10%

COMMENTS

qv 33.1 - 33.65' 0.55m @ .271, .18 V.g.

qv 59.55 - 62.65 3.0m @ TR, .05

LEGEND

C85-156

DIST IN SECT FROM
HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	43.55
(5.4 EAST OF 1005)		
ON 1005	0.00	29.82
23.57	-21.64	21.64
24.33HW	-22.43	20.93
24.71FW	-22.82	20.57
X-SEC	0.00	4.61
42.7HW	-41.46	3.85
44.79FW	-43.61	1.91
TOE	-48.61	-2.56
(7.1 EAST OF 1006)		

TOTAL HORZ = 49.62
TOTAL VERT = -48.61

PAGE 2 OF 14 | PROJECT: Cusac | HOLE No. C85-156

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Cu-Zn
0				0-2.4 Overburden								
				2.4-25.9 VOLCANICS								
				2.4-14.1: int. chl. altered, dk. green, f.gr., massive. Core is mod. silicif'd w/ grey qtz. as patches + fract. fillings. Wh. qtz. is as stringers (<20cm but commonly <0.5cm). Core is broken along the following intervals & may be Fe-stained: 3.3-3.6; 5.7-6.1; 7.9-8.2; 9.9-11.1; 14.1-14.6								
10												
				14.1-18.7: mod. carb-altered, mod. silicif'd, lt. purple, massive, f.gr. Wh. qtz. is as veinlets + stringers (<3cm). Core is locally broken + Fe-stained from 14.1-16.6.								
20												
				18.7-22.55: mod. Chl. alt'd, green, f.gr., massive. Core is mod. silicif'd. Green chl. is as veinlets and patches. Wh. qtz. is as fract. fillings + stringers (<2cm) which may occur w/ graph..								
30												

PAGE 3 OF 14 | PROJECT: Cusac | HOLE No. C85-156

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 4 OF 14 | PROJECT: Cusac | HOLE No. C85-156

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-8
20				20.4-25.5 VOLCANICS - cont'd								
				22.55-23.35: mod. chl/carb. alt'd, lt. green, f.gr., massive. Short intervals alternate between carb. + chl. alter. w/ carb. alter. having f.gr. dissem'd it veinlets of pyrite. Chloritic areas have veinlets + fract. fillings of chl. + minor ones of wh. qtz..								
		5Ca										
25		X										
				23.55-25.5: mod. Chl. alt'd, green, massive, f.gr. Chl./grey qtz. is as fract. fillings, while wh. carb. is as fract. fillings. Wh. qtz. is v. minor as stringers (<6cm).								
		5Dp										
30				23.5-29.9: CHERT, lt. green, f.gr., massive. Dk. green chl. is as veinlets as is wh. qtz. Frequently bands which appear tuffceous occur + are at 30° TCA. From 28.3 to 29.9 core is broken up + may be Fe-stained along fractures + breaks. (FAULT).								

PAGE 5 OF 14 | PROJECT: Cusac | HOLE No. C85-156

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 6 OF 14 | PROJECT: Cusac | HOLE No. C85-156

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Ca)	ALTERATION B (Ep.)	ALTERATION C (Chl)	ALTERATION D (Dol)	ALTERATION E (Silic)	FRACT INTENSITY	M	C I a y
30				29.9-59.55 VOLCANICS								
				29.9-31.4: mod. chl., green, f.gr., massive. Mod. silicif'd, w/ wh. qtz. as veinlets. From 30.99 - 31.4 core is Vo brok+ en + Fe-stained. (FAULT).								
				31.4 - 34.6: mod. chl./carb. altered, lt. green, f.gr., mass- ive. Green chl. is as fract. fillings while wh. +grey qtz. is as veinlets, fract. fillings, +stringers (<7cm). F.gr. pyritic patch- es +veinlets are found in the larger stringers (from 33.1 - 33.65)								
35				34.6 - 36.1: mod. chl. alt'd, green, f.gr, massive. Graph. is as veinlets + fract. fillings while wh. qtz. (less comm- on) is as stringers (<1cm). Core is mod. silicif'd.								
40				36.1 - 38.3: mod. chl./carb. al- tered. Mod. silicif'd, green, f.gr., massive. Section alter- nates between the 2 types of alter. Carb. altered areas have grey qtz. veinlets + fract. fillings, wh. qtz. stringers (<7cm) + may have local Fe-staining.								

PAGE 7 OF 14 | PROJECT: Cusac | HOLE No. C85-156

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
33.1-33.65: QTZ. STRINGER ZONE, in mod. carb/chl. alt'd volcs. Pyr. is as f.gr. patches, dissems. + veinlets in 5% abundance. V. minor disemm'd sphal. is near the end. Fleck of V. gold found at 33.25 (<2 x 2mm).			.55	E8296	.271	.18				

PROJECT: Cusac

HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-a
35				29.9-59.55 VOLCANICS - Cont'd								
				38.3-40.0: mod. Chl. alt'd, green, f.gr., massive. Chl. is as veinlets + fract. fillings + may be assoc'd w/ Wh. qtz. This wh. qtz. is also as veinlets + fract. fillings and may be Fe-stained. Locally may have mod carb. alter.								
40				40.0-41.6. mod. carbonate altered, tan colored, f.gr., massive. Grey qtz. is as veinlets + fract. fillings while wh. qtz. is as veinlets + stringers (<4cm). Pyr. is minor + found locally in the volcs. as f.gr. dissems.								
		5Ca										
	62%											
45				41.6-43.6: mod. chl. alt'd, green, massive, f.gr. Chl. is as fract. fillings, while wh. qtz. is as stringers (<0.5cm). Core is broken up w/ 33% core loss - FAULT.								
				43.6-45.7: Int. carb. alt'd, w/ Graph veinlets + fract. fillings + wh. qtz. veinlets. Core is so pervasively + int. Fe-stained that further description is not possible. Core is v. broken up w/ 38% core loss - FAULT.								
50												
				1.3								
				2.1								
				0.8								
				1								

PAGE 9 OF 14 | PROJECT: Cusac | HOLE No. C85-156

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 10 OF 14 | PROJECT: Cusac | HOLE No. C85-

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Gp B	Chl C	Do D	Silic E	FRACT INTENSITY	M	C-a Y
45				29.9-59.55: VOLCANICS - Cont'd								
				45.7-52.6: Int. chl. alt'd, dk. green, f.gr., massive. Chl. is as veinlets + fract. fillings while wh. qtz. is as stringers (<0.5cm).								
50				52.6-54.8: int. silicif'd voles., buff colored, massive Mod. carb./chl. alt'd w/ graph. veinlets which form a cr. texture. Core is broken over most of the section w/ 50% core loss - FAULT.								
	50%			54.8-55.1: mod. chl. alt'd green, f.gr., massive. Graph. veinlets may form a cr. texture. wh. qtz. is minor as veinlets + fract. fillings.								
55				55.1-55.8 mod. carb. altered, buff colored, f.gr., massive. Graph. veinlets are present + may form a cr. texture while wh. qtz. is as stringers (<0.5 cm) + veinlets. Core is broken up over most of the section - FAULTED.								

PAGE 11 OF 14 | PROJECT: Cusac | HOLE No. C85-156

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: Cusac

HOLE No. C85-15C

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep. B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Cu-Zn
55				29.9-59.55 - VOLCANICS - cont'd								
				55.8-58.3: mod. chl. alt'd, green, massive, f.gr. Graph./chl. fract. fillings + veinlets are present. Core is mod talc altered (V. soft) + is broken over most of the interval, but int. at 56.4-57.1 and 57.0.								
60				58.3-59.3: mod. carb. alt'd, buff colored, f.gr, massive. Core mod. silicif'd w/ grey + wh. qtz. common as veinlets/ fract. fillings, and stringers (<1cm). Pyr. is as f.gr. patches (< 0.5x0.5cm) in 4% abundance.								
65				59.3-59.55: VOLCANIC, hanging wall.								
				59.55-62.55 QTZ. VEIN (3.0m)								
				62.55-69.5: VOLCANIC								
				62.55-63.05: FOOTWALL VOLCANICS.								

PAGE 12 OF 14 | PROJECT: Cusac | HOLE No. C85-156

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
59.3-59.55 VOLCANICS, hanging wall, mod. carb. chl. alt'd, mod. silicif'd. Grey qtz. is as veinlets + fract. fillings while Pyr. is as f.gr. dissems. + stringers (<0.5cm) in 4% abundance.			0.25	E4149	.035	.18				
59.55-62.55: QTZ. V.										
59.55-60.15: QTZ. V. w/ pervasive graph. alter. w/ wh. qtz. occuring as as veinlets + fract. fillings. Pyr. is in 4% abundance as f.gr. dissems. + veinlets. HW 40° TCA.			0.6	E4150	.024	.09				3.0m @ TR, .05
60.15-61.35: QTZ. V, milky wh. w/ grey qtz. veinlets + fract. fillings for first 30cm. Fe-staining present along fractures. No sulphides HW 30° TCA.			1.2	E9001	TR	.06				
61.35-62.55: QTZ. V, as above but w/ add grey qtz. veinlets + V. minor f.gr. pyr. as veinlets + dissems. (<1%)			1.2	E9002	TR	.02				
62.55-63.05. VOLCANICS, footwall, mod. carb. alt'd, mod. silicif'd. 10cm breccia zone at beginning (volc. frags. in a qtz./volc matrix). Grey qtz. as veinlets + fract. fillings while Graph. is as veinlets.			0.5	E9003	TR	.06				

PROJECT: Cusac

HOLE No. C85-

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C-Y
63				62.55-69.5: VOLCS. - cont'd								
				63.05-64.2: mod. carb. altered, buff colored f.gr. massive. Mod. silici f.d w/ graph. veinlets + fract. fillings. Wh. + grey q+tz. is as veinlets, stringers, + fract. fillings. Core								
-65.5	5			broken + Fe-stained 30 cm after q+tz. vein-FAULT. Fe-staining also present along fractures + veinlets.								
	Sca			64.2-69.0: int. chl. alt'd, dk. green, f.gr., massive. Graph. is as veinlets, str-								
-68				ingers + fract. fillings. Wh. q+tz. is rare as string- ers (<0.5cm) + fract. fillings. Core locally broken at 64.2-64.55								
				,65.6-65.9 and 68.0-68.8 (FAULTS).								
				69.0-69.5: mod. carb. alt'd, buff colored, f.gr, massive. Grey + wh. q+tz.								
-70.5				is as veinlets while f.gr Pyr. is in 1% abund- ance as veinlets and dissems. Core is brok- en + Fe-stained over entire section - FAULT								
				- End of hole -								

ERICKSON GOLD MINING CORP.

MINERALS SECTION

DRILL LOG

PROJECT: Cusac	GROUND ELEV.: 1344.673
HOLE No.: C85-157	BEARING: 174° 26' 01"
LOCATION: N 1274.428 E 1198.094	DIP: -42° 26' 01"
	TOTAL LENGTH: 107.9
LOGGED BY: J.G. Sobering	HORIZONTAL PROJECT: 77.93
DATE: Nov. 14/85	VERTICAL PROJECT: -74.60
CONTRACTOR: D.J. DRILLING	
CORE SIZE: BQ	
DATE STARTED: Nov. 13/85	
DATE COMPLETED: Nov. 15/85	

ALTERATION SCALE

absent

slight

moderate

intense

TOTAL SULPHIDE SCALE

traces only

< 1%

1% – 3%

3% – 10%

> 10%

DIP TESTS	DIP CHANGE	ACTUAL	CORR.
200'	30.48M	-52.8	-44.6
340'	82.32M	-51.8	-43.6

COMMENTS

qv	62.80 - 63.80	1.0mC	.146, .05
qv	73.20 - 74.20	1.0mC	.028, .09

ID-3 C85-157

DIST IN SECT FROM
HOT BL. 400 S

ONPLAN	VERT	HORZ
COLLAR	0.00	68.99
(2.1 EAST OF 1004)		
ON 1004	0.00	64.22
22.49	-20.56	48.51
X-SEC	0.00	42.21
45.5HW	-43.25	27.56
46.22FW	-43.96	26.91
52.91HW	-50.56	20.82
ON 1005	0.00	20.19
53.62FW	-51.26	20.17
59.4	-56.96	14.91
X-SEC	0.00	-1.81
TOE	-74.60	-1.95
(9.9 EAST OF 1006)		

TOTAL HORZ = 77.93
TOTAL VERT = -74.60

PAGE 2 OF 16 | PROJECT: Cusac | HOLE No. C85-57

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Cu-Zn
0				0-3.8 Overburden								
				3.8-30.3 VOLCANICS								
				3.8-10.5: mod. Chl. alt'd, green, f.gr., massive. Wh. qtz. is common as veinlets + stringers (<1cm) which parallel one another at 70° TCA. Core broken locally.								
-10				10.5-11.3: mod. carb. alt'd, orange-red, f.gr., massive. Int. Fe-stained + broken core has wh. qtz. as fract. fillings. FAULT over entire area.								
-20				11.3-12.6: mod. Chl. alt'd, green, f.gr., massive. Wh. qtz. +qtz./talc is minor as fract. fillings. Core broken up + Fe-stained at 11.8-12.1 and 12.5-12.6 (FAULTS).								
				12.6-17.7: mod. carb., slight Chl. alt'd, buff, f.gr., massive. Mod. silicif'd core has wh. +grey qtz. as veinlets and fract. fillings. F.gr. Pyr. as dissems. +patches. Core broken up + Fe-stained over much of 12.6-17.1 (FAULT).								

PAGE 3 OF 16 | PROJECT: Cusac | HOLE No. C85-157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: Cusac

HOLE No. C85-157

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A Ca	B Sp	C Chl.	D Dol	E Silic	FRACT INTENSITY	M	Lgd-C
15				3.8-30.3 VOLCANICS - cont'd								
				17.7 - 20.3: mod. chl., slight carb., green, f.gr., massive. Chl. is as veinlets + fract. fillings and may be assoc'd w/ [redacted] tgtey qtz also as veinlets + fract. fillings. Fe-staining is present in patches and along fractures. Pyr. is minor but concentrated in carb. alt'd areas.								
20		5Ca		20.3 - 25.1: mod. chl. alt'd, green, massive, f.gr. Lime green (chl.?) veinlets is common w/ veinlets + stringers of wh. qtz. less so.								
25				25.1 - 30.3: mod. carb. alt'd, green, f.gr., massive. Chl. is as veinlets + fract. fillings. Core mod. silicif'd, locally int. silicif'd. Wh. qtz. is as veinlets + stringers (<2cm).								
				30.3 - 30.95 LAMPROPHYRE DYKE, dk. green, f.gr., massive w/ phenocrysts of wh. dolomite (<7mm). These become much smaller near both ends of the section. F.gr. mafic grains are v. common too.								
30		10a										
35												

 PROJECT: Cusac HOLE No. C85-157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS
			/							

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	Clay
121				30.95-35.7 VOLCANICS								
				30.95 - 35.7: mod. chl alt'd, green, f.g, massive. Lime green patches + veinlets are present (chl.?). Wh. qtz. stringers (<1.5cm) are less common.								
		5Ca										
				35.7-39.9 RIBBON CHERT								
-36		X		35.7 - 39.9: Ribbon Chert lt. green, f.gr., massive to loc-ally foliated (20-30° TCA). Core is v. broken from 35.6-35.7, 36.0-37.3, 37.6-39.9 - FAULTS.								
		5Df										
		X		39.9-51.0 VOLCANICS								
-41				39.9-50.1: mod chl. alt'd, green, f.gr., massive. Lime green + beige veinlets may be present (chl.?) in add-to wh. qtz. stringers.								
		5Ca										
				50.1 - 51.0: int. carb. alt'd, int. silicif'd, tan, f.gr., mass-ive. Grey qtz. is as veinlets and fract. fillings while wh. qtz. is as stringers and fract fillings. Pyr. is as f.gr. dissems. + fract. fillings in 5% abundance. Core is v. broken up over entire section + locally Fe-stained.								
-46												
151												

PAGE 7 OF 16 | PROJECT: Cusac | HOLE No. C85-157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PAGE 8 OF 16 | PROJECT: Cusac | HOLE No. C85-157

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ser B	Chl C	Dol D	Silic E	FRACT INTENSITY	Graph.	Clay
50				51.0-62.80 CHERT								
				51.0-53.9: RIBBON CHERT, lt. grey, f.gr., massive. Graph. veinlets are present and form a cr. texture. Fe-staining may be along fractures. Ribbons are found locally + are at 25° TCA.								
55				53.9-55.2: CHERT, grey, f.gr., massive w/ pervasive graph. alter. Graph. veinlets are present locally + forms a cr texture. Wh. qtz is as veinlets + stringers (<1cm). Lost + broken core from beginning to 53.0 (FAULT).								
60				55.2-56.1 CHERTY ARGILLITE, black, f.gr. massive. Wh. qtz is as veinlets + fract. fillings. Core is v. broken up for the last 35cm - FAULT.								
				56.1-56.6: CHERT, grey, f.gr., massive w/ abundant graph. veinlets which form a cr. texture. Minor pyr. assoc'd w/ the qtz. veinlets.								

PAGE 9 OF 16 | PROJECT: Cusac | HOLE No. C85-157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION A (Ca)	B (Gp)	C (Chl.)	D (Ab)	E (Silic)	FRACT INTENSITY	Graph.	C-a
55				51.0-62.80 CHERT-cont'd								
				56.6-57.15: CHERTY ARGILLITE, black, massive, f.gr. Wh. qtz. is as veinlets. Minor dissem'd pyr. is also present. Core is broken through-out—FAULT.								
		SDf										
60				57.15-62.35: CHERT, tan, f.gr., massive w/ abundant graph. veinlets which form an int. cr. texture. Wh. qtz. is as stringers (<0.5cm). Minor dissem'd pyr. is also present.								
		QTZ.										
				62.35-62.80: HANGING WALL CHERTS.								
65		SDf										
				62.80-63.8 QTZ. VEIN								
				63.80-65.6 CHERT								
				63.80-64.45: FOOTWALL CHERTS								
				64.45-65.6: CHERT, tan, f.gr., massive. Graph. veinlets are abundant + forms a cr. texture. Wh. qtz. is as veinlets + fract. fillings. Have fault at section's end as core is broken + Fe-stained.								

PAGE 11 OF 16 | PROJECT: Cusac | HOLE No. C85-157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
62.35-62.80: CHERT hanging wall, tan, massive, int. carb. alt'd. Grey in color w/ graph. veinlets forming a cr. texture. Some wh. qtz. is as fract. fillings. Pyr. is as f.gr. dissems. + veinlets in 3% abundance			0.45	E9008	TR	.06				
62.80-63.80: QTZ. VEIN milky wh., w/ volc. inclusions of hanging wall material. Fe-staining common along fractures + as blotches in the matrix. Vugs are present. Pyr. is as f.gr. dissems. in 1% abundance as are tetra. + sphal. both in <1% abundance.			1.0	E9009	.146	.05				
63.80-64.45: VOLC. (footwall), int. silicif'd mod. carb. alt'd. Graph. veinlets are present + may form a crackle texture. Pyr. is as f.gr. dissems. in <1% abundance.			.65	E9010	TR	.02				

PAGE 12 OF 16 | PROJECT: CMS ac | HOLE No. C85-15

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Sp B	Chl. C	Dol D	Silic E	FRACT INTENSITY	M	C Log
65				65.6-68.6 VOLCANICS								
		5Ca		65.6-68.0: int. silicif'd, int. carb. alt'd, tan, f.gr., massive. Wh. + grey qtz. is common as veinlets, stringers, + fract. fillings. Pyr. is found locally as f.gr. patches (<0.5x 0.3cm). FAULT occurs in last 30cm.								
-70		5Df		68.0-68.6: mod. carb./chl. alt'd volcs., lt. green f.gr., massive. Mod. silicif'd. Graph. veinlets + fract. fillings are present throughout.								
				68.6-73.2 CHERT								
-75				68.6-72.25: CHERT, f.gr, massive. Lt. tan in color. Core has wh. + grey qtz. as veinlets + fract. fillings. Pyr. is concentrated locally as f.gr. veinlets + dissems. Vugs + Fe-staining are also found locally.								

PAGE 13 OF 16 | PROJECT: CUSAC | HOLE No. C85-157

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%			COMPOSITE ASSAYS

PROJECT: CUSAC

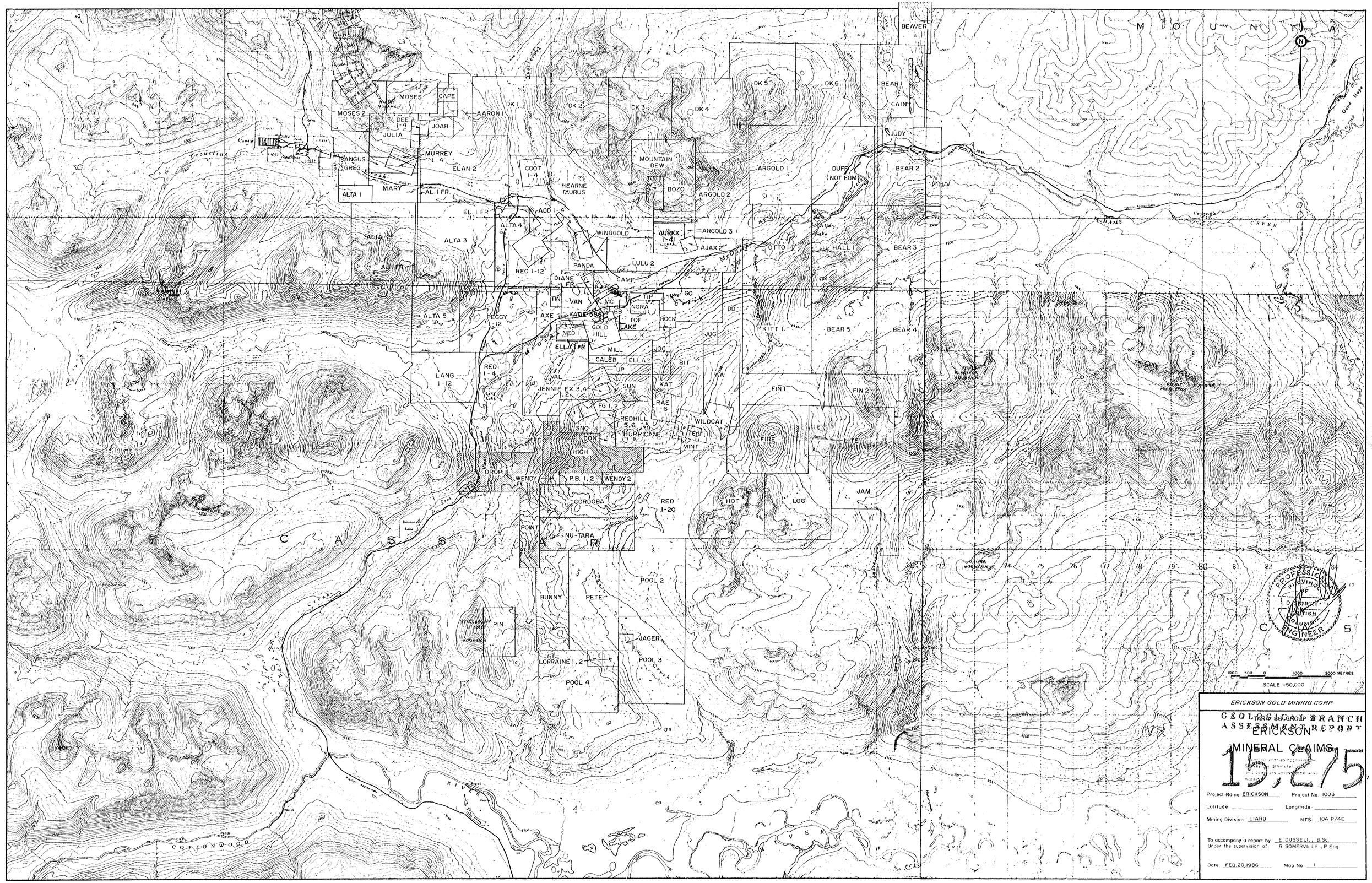
HOLE No. C85-157

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep. B	Chl. C	Dol. D	Silic E	FRACT INTENSITY	M	Cu
70				68.6-73.2 CHERT - cont'd								
				72.25-73.2: HANGING WALL CHERTS.								
				73.2-74.2: QTZ. VEIN (1.0m)								
				74.2-98.15 VOLCANICS								
80				74.2-74.65: FOOTWALL VOLCS.								
				74.65-78.6: mod. Chl. alt'd, green, f.gr., massive. Wh. qtz. is v. minor as stringers (<0.5cm). Core is broken at 76.2 and 77.6-78.6 - FAULTS.								
90				78.6-93.8: Int. chl. altered, f.gr., massive. Graph. +wh. qtz. veinlets are minor. Locally pinhead flecks of TiO_2 are found. At 82.6 and 85.2 have lime green (Sericitic?) alter. From 93.5-95.4 have v. broken core + 21% core loss - FAULT.								
100												

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au oz/t	% Ag oz/t	%			COMPOSITE ASSAYS
72.25 - 73.2: CHERT (hanging wall), tan, f.gr, int. carb. alt'd. Grey + wh. qtz. is as fract. fillings w/ minor f.gr. dissem + veinlets of Pyr. Broken + lost core → part of fault zone.			0.95	E9004	TR	.11				
73.2 - 74.2: QTZ. VEIN										
73.2 - 73.75: milky wh. QTZ. VEIN w/ common hanging wall volc. inclusions. Core vuggy locally and Fe and limonite staining along fractures. Pyr. is v. minor as f.gr. dissems.			0.55	E9005	TR	.10				1.0m @ .028, .08
73.75 - 74.2: milky wh. qtz. vein w/ minor small volc. inclusions, graph. stylolites, + patches and veinlets of grey qtz. Vugs + Fe-staining are not as abundant as previously. F.gr. dissem'd pyr. (< 1%) tetra. (1% abundance)			0.45	E9006	.055	.06				
74.2 - 74.65: VOLCS., footwall, int. silicif'd, int. carb. alt'd. Wh. + grey qtz as veinlets, fract. fillings + stringers. F.gr fract. fillings of pyr. is in 3% abundance			0.45	E9007	.025	.02				

PAGE 16 OF 16 | PROJECT: CUSAC | HOLE No. C85-157

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION Ca A	Ep B	CH. C	Dol D	Silic E	FRACT INTENSITY	M	C-Lod
90				74.2-98.15 VOLCANICS - cont'd.								
				93.8-98.15: mod. Chl. alt'd, lt. green, f.gr., massive. Graph. veinlets are present while wh. qtz. is as veinlets, fract. fillings + veinlets. Wh. talc is also found as veinlets + fract. fillings. From 97.2-98.15 Core is v. broken up + int. clay alt'd - FAULT.								
100				98.15-107.9 CHERT								
				98.15-107.9: RIBBON CHERT, lt. grey, massive, f.gr. Graph. veinlets are present locally & form a cr. texture. Wh. qtz. generally appears as fract. fillings but may be as small (<1cm) veinlets. Lt. brown ribbons are 50° TCA. Core is broken along the following intervals: 103.4-105.6, 106.4-107.9.								
110				- End of hole -								



ERICKSON GOLD MINING CORP.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

ERICKSON

MINERAL CLAIMS

15,275

Project Name ERICKSON Project No. 1003

Latitude _____ Longitude _____

Mining Division LIARD NTS 104 P/4E

To accompany a report by E DUSSELL, B.Sc.
Under the supervision of R SOMERVILLE, P Eng

Date FEB. 20, 1986 Map No. 1

AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N
			6,560,700N

458,600E 460,300E 462,600E 464,300E

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, 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

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. J. SOMERVILLE

10 5 0 20 metres

SCALE 1:500

ERICKSON GOLD MINING CORP.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

GEOLOGY AND DIAMOND DRILLING

15,275

Project Name CUSAC Project No 1003

Latitude 59°41' APPROX Longitude 129°41' APPROX.

Mining Division LIARD NTS 104 P/4E

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

Alpha No ___ Drawing No ___

Date FEB. 20, 1986 Map No 1-H1

HOT BASELINE 200 S (240°)

DINO BASELINE 200 E (340°)

HOT BASELINE 400 S (240°)

DINO BASELINE (340°)

MILL POND

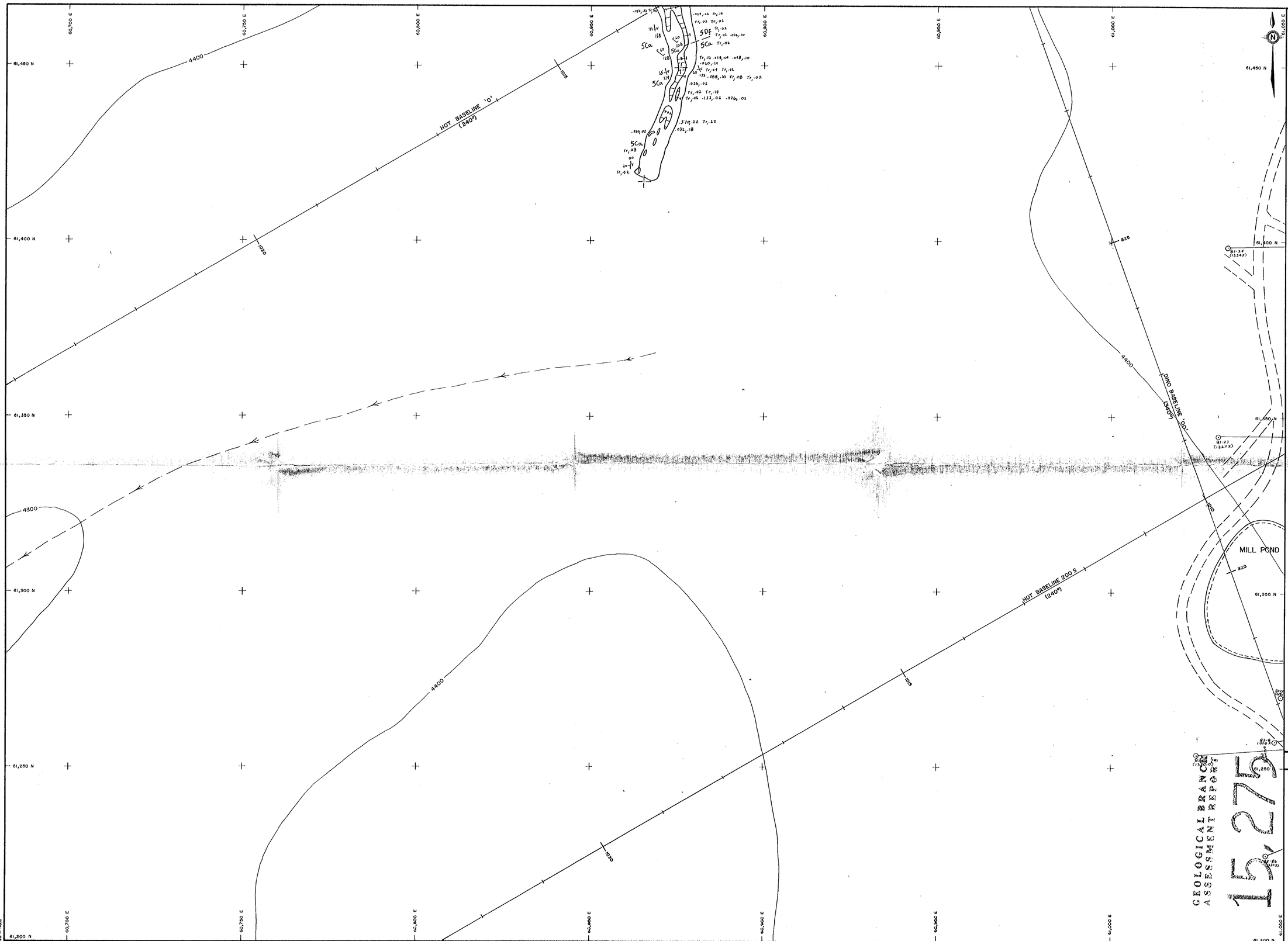
WEST EXTENSION PIT

DINO PIT

FRED VEIN

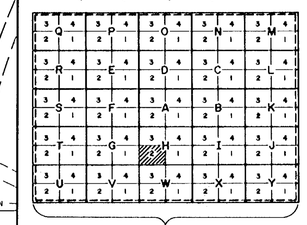
61,450 N 61,400 N 61,350 N 61,300 N 61,250 N 61,200 N

61,050 E 61,100 E 61,150 E 61,200 E 61,250 E 61,300 E



AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N
458,800E	460,300E	462,800E	465,300E



ENLARGEMENT OF AREA 1

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 20 METRES

SCALE: 1:500

ERICKSON GOLD MINING CORP.

TARA 86 GROUP

GEOLOGY AND DIAMOND DRILLING

Project Name: CUSAC Project No.: 1003

Latitude: 59°11'APPROX. Longitude: 129°41'APPROX.

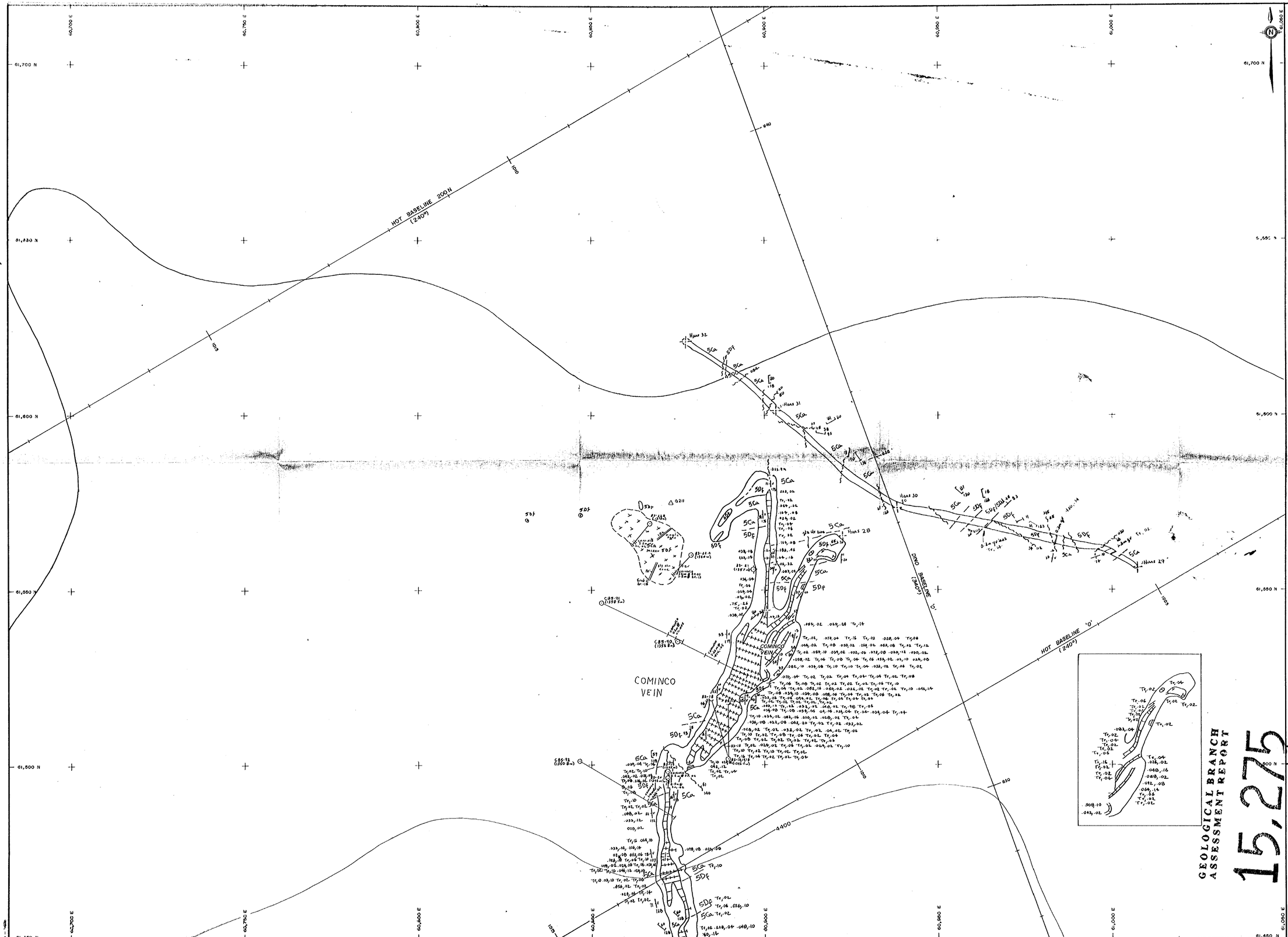
Mining Division: LIARD N.T.S.: 104 P/4E

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

Alpha No.: Drawing No.:

Date: FEB. 20, 1986 Map No.: 1-H2

DW-1403



AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N
			6,560,700N

442,300E 444,300E 442,300E 444,300E

ENLARGEMENT OF AREA 1

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 0.32 x 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

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. SOMERVILLE

10 5 0 20 METRES

SCALE: 1:500

ERICKSON GOLD MINING CORP.

TARA 86 GROUP

GEOLOGY AND DIAMOND DRILLING

Project Name: CUSAC Project No.: 1003

Latitude: 59°11'APPROX. Longitude: 129°41'APPROX.

Mining Division: LIARD N.T.S.: 104 P/4E

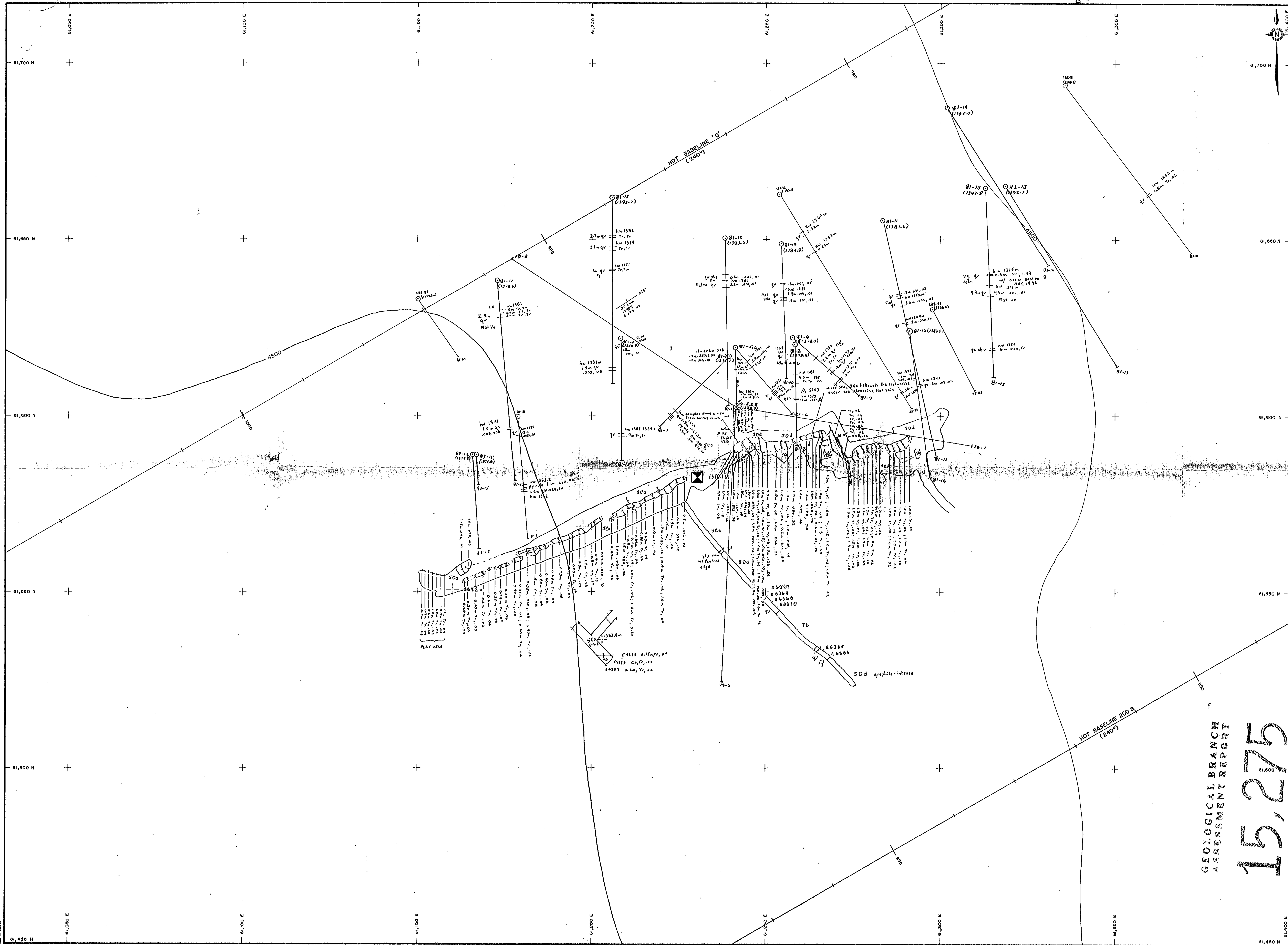
To accompany a report by: R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.

Alpha No.: Drawing No.:

Date: FEB. 20, 1986 Map No.: I-H3

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,275



AREA INDEX

19	18	17	6,570,700 N
6	5	4	6,568,200 N
7	0	3	6,565,700 N
8	1	2	6,563,200 N
			6,560,700 N

456,800 E 459,300 E 462,800 E 466,300 E

ENLARGEMENT OF AREA 1

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 20 METRES

SCALE: 1:500

ERICKSON GOLD MINING CORP.

TARA 86 GROUP

GEOLOGY AND DIAMOND DRILLING

Project Name: CUSAC   Project No.: 1003

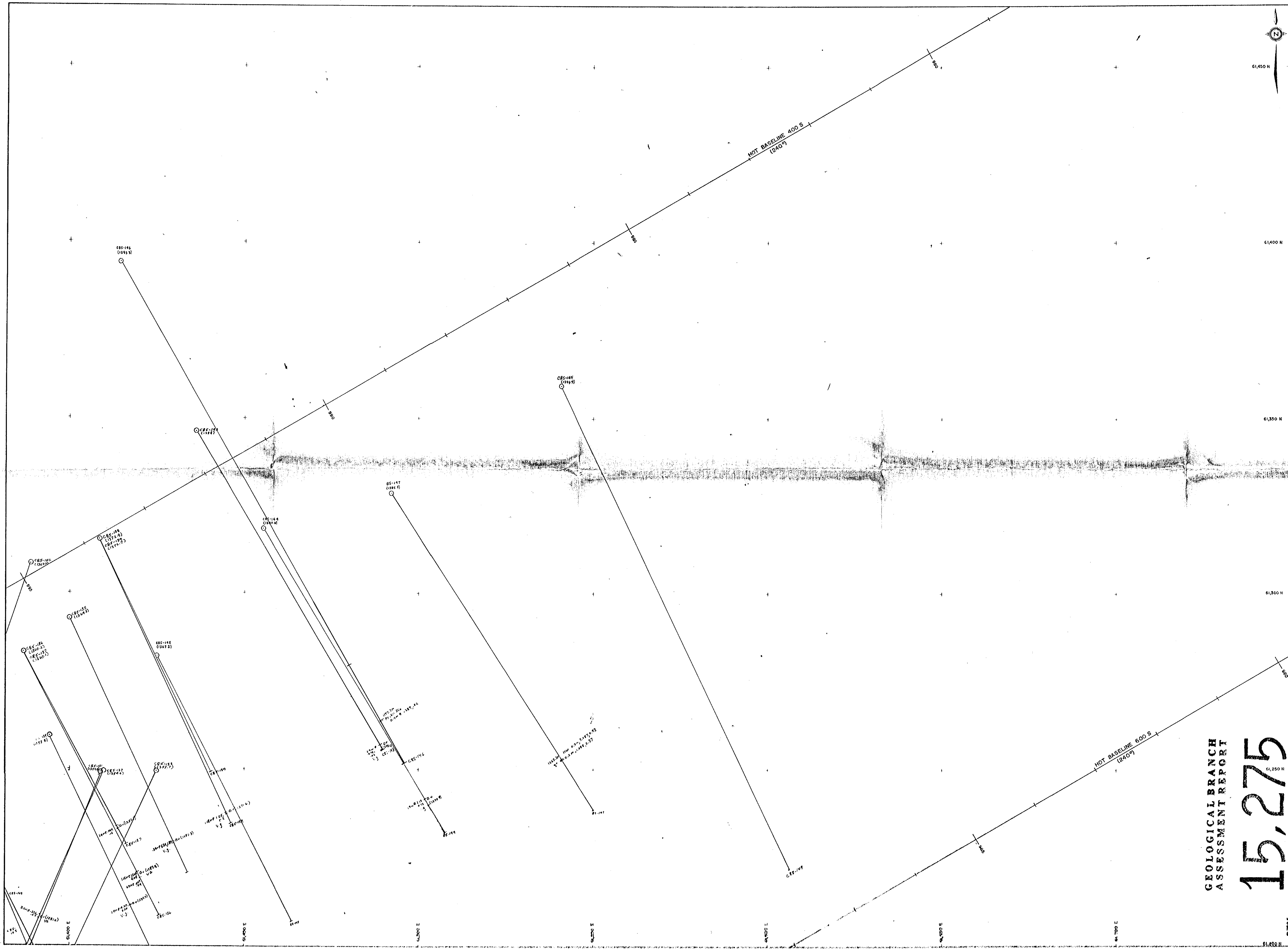
Latitude: 59° 11' APPROX.   Longitude: 129° 41' APPROX.

Mining Division: LIARD   N.T.S.: 104 P/4E

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

Alpha No.: ______   Drawing No.: ______

Date: FEB. 20, 1986   Map No.: 1-H4



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,275

AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N
			6,560,700N

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

ENLARGEMENT OF AREA ____

SYMBOLS

Geological boundary defined, approximate, inferred

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

Schistosity, gneissosity, cleavage, foliation

Fault (defined, approximate, interpreted)

Joint (horizontal, inclined, vertical, dip unknown)

Syncline (defined, approximate)

Anticline (defined, approximate)

Intensity (weak, moderate, strong)

Diamond drill hole

Contours

Stream or creek (perennial, intermittent)

Marsh

Lake

Road

Trail

Treed area

SCALE 1:500

10 5 0 10 20 metres

ERICKSON GOLD MINING CORP.

TARA 86 GROUP

ASSAY DATA AND DIAMOND DRILLING

Project Name CUSAC Project No 1003

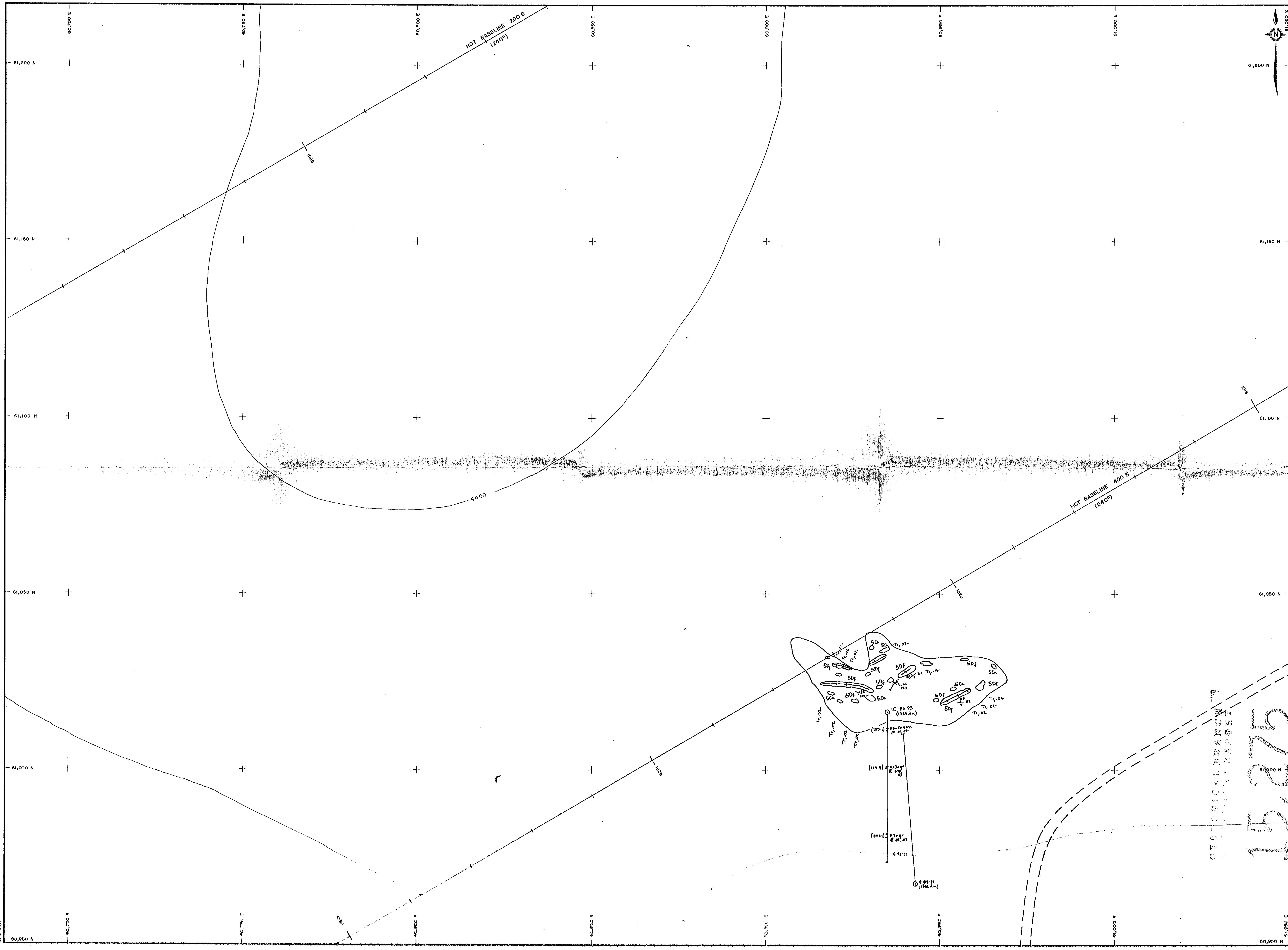
Latitude 59° 13' Longitude 129° 41'

Mining Division LIARD NTS 104P4E

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

Alpha No Drawing No

Date FEB. 20, 1986 Map No 1-12



AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N
			6,560,700N

455,800E 459,300E 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 1

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

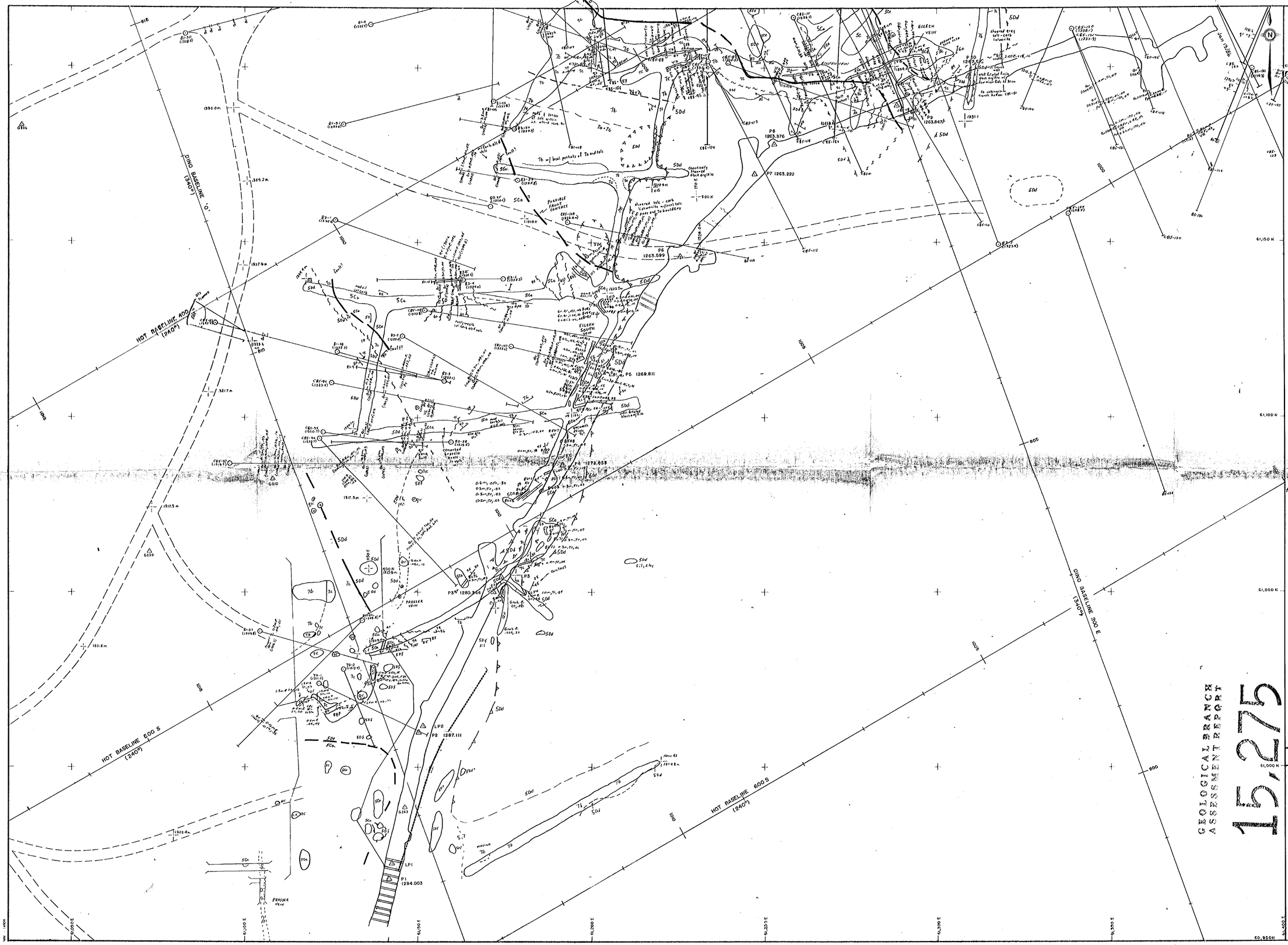
10 5 0 10 20 METRES
SCALE: 1:500

ERICKSON GOLD MINING CORP.

TARA 86 GROUP

GEOLOGY AND DIAMOND DRILLING

Project Name: CUSAC Project No.: 1003
Latitude: 59°11'APPROX. Longitude: 129°41'APPROX.
Mining Division: LIARD N.T.S.: 104 P/4E
To accompany a report by: R. SOMERVILLE, P. Eng.
E. DUSSEL, B.Sc.
Alpha No.: Drawing No.:
Date: FEB. 20, 1986 Map No.: 1-W3



AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N
			6,660,700N

495,800E 498,300E 498,300E 498,300E

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)
- 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
- Road

SCALE 1:500

GEOLOGICAL BRANCH ASSESSMENT REPORT

12,275

ERICKSON GOLD MINING CORP.

TARA 86 GROUP
GEOLOGY AND DIAMOND DRILLING

Project Name CUSAC Project No 1003

Latitude 59°11'APPROX. Longitude 129°41' APPROX.

Mining Division LIARD NTS 104 P/4E

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

Alpha No. Drawing No.:

Date FEB. 20, 1986 Map No 1-W4

CBS-130 1133983

CBS-131

CBS-132

CBS-133

CBS-134

CBS-135

HOT BASELINE 600 S (240°)

600

800

1000

1200

61,200 N

61,150 N

61,100 N

61,050 N

60,850 N

5,300 E

5,400 E

5,500 E

5,600 E

5,700 E

5,750 E

AREA INDEX

19	18	17	6,570,700N
6	5	4	6,568,200N
7	0	3	6,565,700N
8	1	2	6,563,200N

455,900E 458,300E 462,900E 465,300E

ENLARGEMENT OF AREA

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

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA R. SOMERVILLE

10 5 0 METRES

SCALE 1:500

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,275

ERICKSON GOLD MINING CORP.

TARA 86 GROUP

GEOLOGY AND DIAMOND DRILLING

Project Name: CUSAC Project No: 1003

Latitude: 59° 13' Longitude: 129° 41'

Mining Division: LIARD NTS: 104P4E

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

Alpha No: Drawing No:

Date: FEB. 20, 1986 Map No: 1-X3