

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

OWNER: Cusac Industries Ltd.  
OPERATOR: Erickson Gold Mining Corp.  
WORK DONE ON: Pete Claim

WORK PERFORMED: July 29 - August 6, 1985

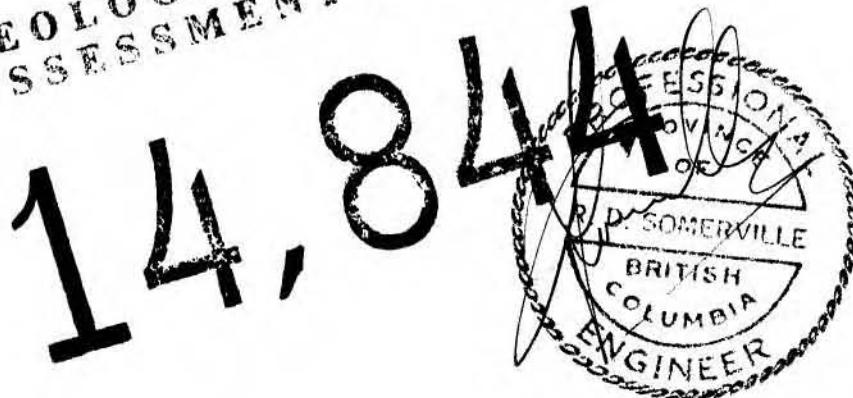
LOCATED: NTS [REDACTED] 104 P 1/4 E  
Latitude [REDACTED] 59° 09.6'  
Longitude [REDACTED] 129° 40.2'

FILMED

BY: Alex Boronowski, Geologist, under the direction  
of R. Somerville, P. Eng.

DATE: February 20, 1986

GEOLOGICAL BRANCH  
ASSESSMENT REPORT



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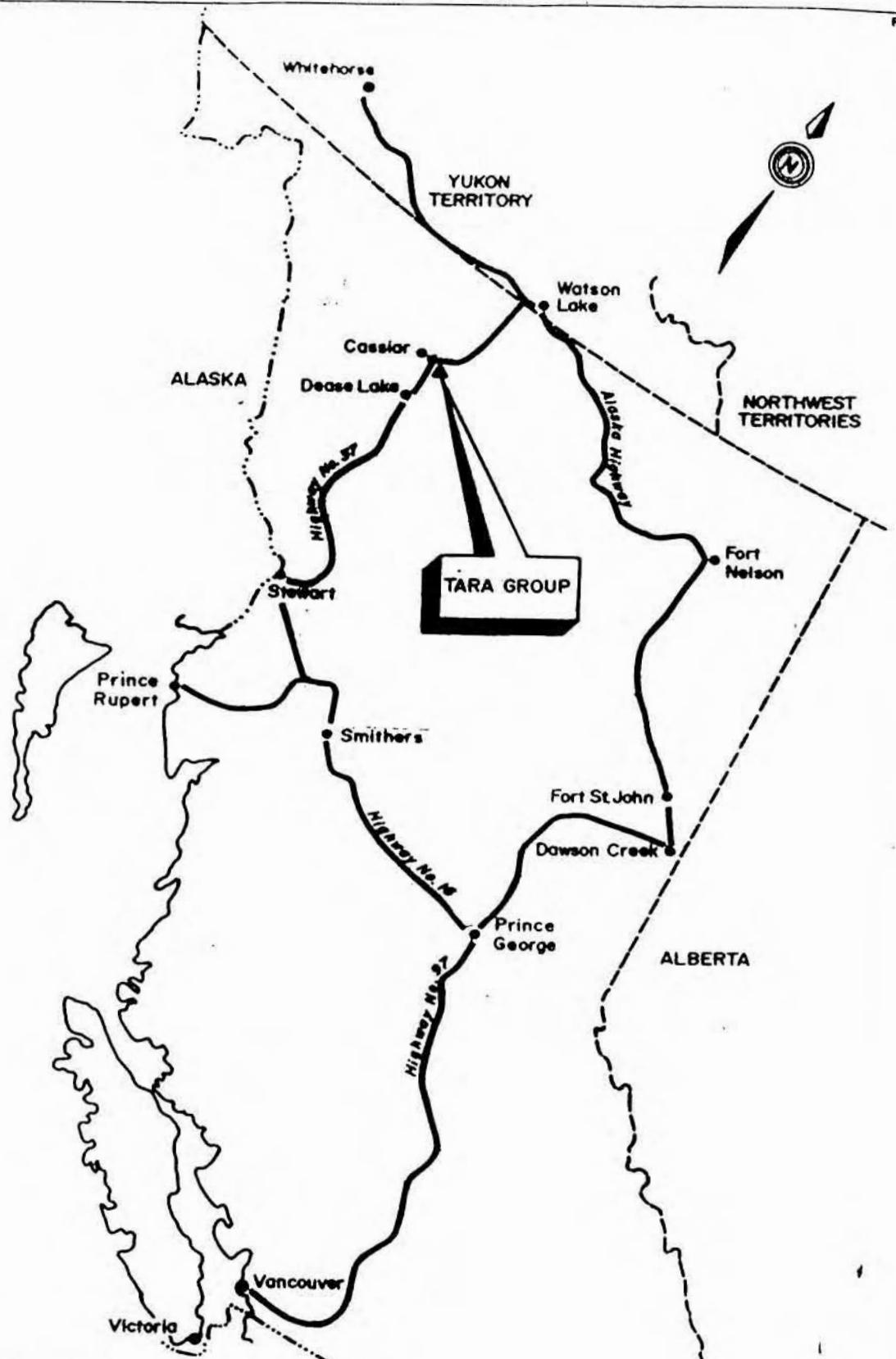
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## 1.0 CLAIM RECORD - TARA GROUP

Claim Name	Record No.	Record Date	Owner	F.M.C. #	Units
Bunny	397	24/Jun/77	Cusac Industries Ltd.	212533	12
Cordoba	367	7/Jun/77	" " "	"	12
Jager	674	15/Sep/78	" " "	"	1
Lorraine 1	675	15/Sep/78	" " "	"	1
Lorraine 2	676	15/Sep/78	" " "	"	1
Nu-Tara	3246	24/Oct/84	Erickson Gold Mining Corp.	221485	12
PB 1	1044	9/Oct/79	Cusac Industries Ltd.	212533	1
PB 2	1043	9/Oct/79	" " "	"	1
Pete	365	7/Jun/77	" " "	"	18



TARA GROUP  
INDEX MAP  
**ERICKSON  
GOLD CAMP**

FEB. 20, 1986

100 50 0 100 200 km

SCALE 1:7,500,000

FIGURE 1

## LEGEND - SYLVESTER GROUP

MISSISSIPPIAN TO (?) PERMIAN

## SYLVESTER GROUP

## Interbedded Sediments - SD

- SDa** Greywacke
- SDb** Siltstone
- SDc** Sandstone
- SDd** Argillite
- SDe** Limestone (continuous pods)
- SDf** Chert, ribbon chert, interbedded chert and argillite

## Interbedded Volcanics - SC

- SCa** Massive meta-basalt to andesite flows, without pillows, occasional local phenocrysts of feldspar or pyroxene.
- SCb** Meta-basalt to andesite tuff breccia and/or flow breccia, with local phenocrysts of feldspar or pyroxene, pillow volcanics.
- SCc** Rhyolite, sills and/or dykes.
- SCd** Argillaceous tuff and breccia.
- SCe** Cherty tuff, tuffaceous chert.
- SB** Undifferentiated metasediments: Chert, tuff chert, includes some argillite, in northeast well layered chert - phyllite, ribboned chert and argillite.
- SA** Argillite, siltstone, chert, quartzite limestone pebble conglomerate, tuff includes numerous diabase and andesite sills.

## 2.0 INTRODUCTION

During 1985, seven holes totalling 273.4 metres were diamond drilled on Table Mountain near the headwaters of Pooley Creek by Erickson Gold Mining Corp. This program had two objectives: 1) to test the vertical extent of the Pete vein; 2) to delineate any significant mineralization.

The seven holes were diamond drilled on the Pete Claim, Tara Group. The hole numbers and relevant data for this drilling are summarized in Table I. The core was logged by Messrs. Smit and Westervelt and stored at the Erickson minesite. Statements of Qualifications for the gentlemen are located in Appendix A. Copies of drill logs can be found in Appendix B and copies of assay results in Appendix C. Maps showing the collar locations in relation to claim boundaries are located in the back pocket of the report.

## 3.0 LOCATION AND ACCESS

The Tara Group is situated approximately 10 miles southeast of the town of Cassiar, B.C. on Table Mountain, two miles east of Needlepoint Mountain near the headwaters of Pooley Creek. An access road to the property leaves the Stewart-Cassiar Highway at Simmons Lake and heads eastward. A four wheel drive vehicle access to Pete Hamlin's old cabin in the northern end of the Pete claim branches off to the south approximately 1/2 hour from Simmons Lake. The Pete claims cover the headwaters of Pooley Creek. Elevations range from 3800 to 5100 feet. The showings are situated at the 4000 foot contour. Relief is moderate to gentle. The low western slopes of the Pooley creek Valley are covered largely by spruce swamp.

## 4.0 HISTORY

Pete Hamlin and John Vollaug were the co-discoverers of the Table Mountain gold camp. Free gold is frequently encountered accompanied with pyrite, tetrahedrite, sphalerite and chalcopyrite.

TABLE I

Hole Number	Collar Location	Dip	Brg	Length (metres)	Intersection (metres)	Grade (oz/t) Au, Ag
C85-100	N7673.683 E1804.155	42 06'20"	149 53'27"	23.5	No significant intersection	
C85-101	N7690.517 E1812.644	54 59'58"	153 22'33"	57.9	No significant intersection	
C85-102	N7661.704 E1841.300	44 06'18"	319 59'24"	59.32	No significant intersection	
C85-103	N7681.617 E1847.477	43 48'25"	328 15'47"	19.2	7.6-8.5	0.046, 0.85
C85-104	N7670.160 E1853.527	-45	33	29.57	18.95-19.40 23.85-24.30 24.30-24.95	0.025, 0.16 tr 0.04 0.005, 0.02
C85-105	N7674.567 E1868.100	45 22'03"	325 03'47"	46.9	27.70-28.30	tr 0.09
C85-106	N7674.567 E1855.104	-48.5	330	57.0	No significant intersection	

The Pete Showing, which contains a gold-silver bearing quartz vein, was originally staked as the Turmoil and Turmoil Extension claims. Hamlin exposed the vein in several trenches and two shallow shafts. Presently, a strike length of approximately 250 metres has been traced in a total of six trenches. The eastern limit is masked by a swamp and the western extension is covered by overburden. In 1977, G. Brett staked the Pete claim to cover Hamlin's original discovery. During the 1981 field season a geochemical survey was conducted over the strike length and extensions of the vein of favourable structures. In 1985, Erickson Gold Mining Corporation drilled seven diamond drill holes along the suspected eastern extension of the quartz vein.

## 5.0 GEOLOGY

Table Mountain is located within the Sylvester Allochthon, a fault-bound assemblage of upper Paleozoic chert, greenstone, clastic and ultramafic rocks, thrust over rocks autochthonous to the North America Craton. The rocks underlying Table Mountain are Sylvester Group volcanics and sedimentary rocks of late Devonian to early Mississippian age (see Geological Legend, Figure 2). Sedimentary lithologies include siltstone, chert, sandstone, argillite, greywacke and minor limestone. The volcanics include both flow-type rocks and pyroclastics. Ultramafic rocks, subsequently altered to listwanite, were probably emplaced in the Mississippian period. During the Tertiary, numerous diabase dykes were intruded throughout the area.

In the vicinity of Table Mountain, sedimentary rocks rest stratigraphically above a thick volcanic pile with interbedded chert. The contact between the basal member, black argillite, and volcanics is apparently a thrust fault. The vein and, in places, listwanite are located along this contact. This entire sequence of rocks has been subjected to a minimum of two periods of folding with fold axes striking east-west and northwest-southeast.

Locally, the showing area is underlain by meta-basalt to andesite

flows with interbedded sediments. Float boulders of listwanite occur north of the quartz vein.

#### 6.0 PURPOSE AND METHODS

The diamond drilling program in 1985 was undertaken to test the down dip extension of the Pete vein. Surface samples from the quartz veins in the trenches and the collar of the Hamlin shaft assayed up to 0.266 ounces/Ton Au and 4.92 ounces/Ton Ag. Seven holes were drilled totalling 273.4 metres. The location of the holes are shown on the plan map.

Two holes were drilled at approximately 45 degrees from north to south to intersect the Pete vein. The remaining five holes were drilled at a similar angle to the north. The intersections in holes 85-103 and 85-104 suggest an 80 degree southerly dip of the Pete quartz vein. The drill holes were drilled generally at 15 metre intervals.

## 7.0 RESULTS

The seven drill holes did not intersect any significant mineralization down dip or along strike from the eastern most trench. The suspected Pete vein dips at approximately 80 degrees to the south.

## 8.0 RECOMMENDATIONS

The trenches, shaft and raise should be surveyed into the 1985 drill hole location survey. The 1981 geochemical data and the geological information should be re-examined prior to more trenching or diamond drilling.

## 9.0 PETE DRILLING COST STATEMENT

Six BQ Diamond Drill Holes were drilled for a total of 273.4 metres of core on the Pete claim between July 29 and August 6, 1985.

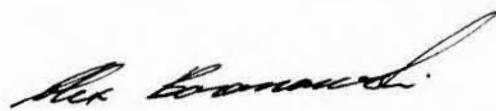
Hole Number	Date Drilled	Total Length (meters)	Drilling Cost
85-100	July 29-30	23.5	\$ 1,482.50
85-101	July 30-31	57.91	3,405.00
85-102	August 1	39.32	3,227.50
85-103	August 1-2	19.2	1,040.00
85-104	August 2	29.57	1,722.50
85-105	August 3-4	46.9	2,725.00
85-106	August 5-6	57.0	4,307.50
<hr/>			<hr/>
SUBTOTAL			17,910.00
<hr/>			<hr/>
Supplies, acid test, labour @ \$800/hole			5,600.00
<hr/>			<hr/>
Room and Board for Drillers 4 men x 9 days x \$50/man day			1,800.00
<hr/>			<hr/>
Core logging: 6 days geologist x \$165/day			990.00
8 days room and board @ \$50/day			400.00
<hr/>			<hr/>
TOTAL			\$26,700.00
<hr/>			<hr/>

## 10.0 STATEMENT OF QUALIFICATIONS

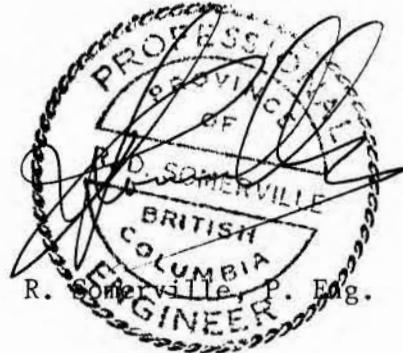
I, Alex Boronowski, of 3741 St. Andrew Avenue, North Vancouver, do hereby certify that:

I hold a B.Sc. degree in Geology obtained at the University of British Columbia. I have practiced my profession for fifteen years.

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



Alex Boronowski, B.Sc.



## APPENDIX A

Statement of Qualifications for Messrs. Smit and Westervelt

STATEMENT OF QUALIFICATIONS

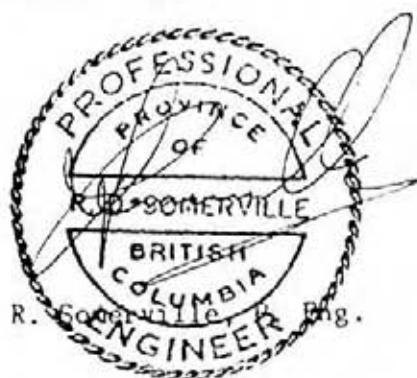
I, Hans Smit, of 500 - 151 West Esplanade Street, North Vancouver, British Columbia, do hereby certify that:

I hold a B.Sc. degree in Geology obtained at the University of British Columbia, Vancouver. I have practiced my profession for four 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 Beaver Claims for Erickson Gold Mining Corp. near Cassiar, British Columbia.



H. Smit, B.Sc.



# ERICKSON GOLD

December 19th, 1985

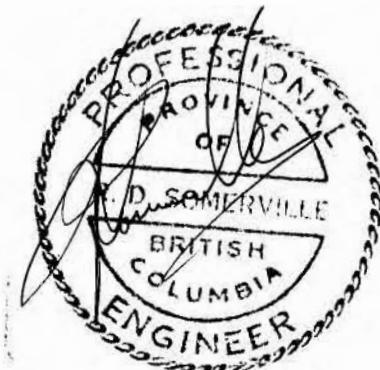
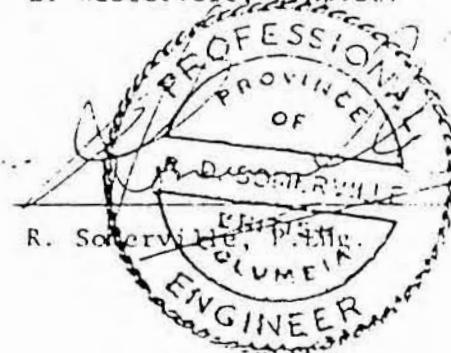
## STATEMENT OF QUALIFICATIONS

I, Les Westervelt, of 740 Crystal Court, North Vancouver, British Columbia, do hereby certify that:

1. I hold a Geological Engineering Degree obtained at the University of British Columbia, Vancouver. I have practiced my profession for four years.

2. On September 12 and 16, 1985 I undertook the prospecting on the Beaver Claim owned by Erickson Gold Mining Corp. which is described in this report under the supervision of R. Somerville, P.Eng.

*Les Westervelt*  
L. Westervelt, B. Ap.Sc.



## **APPENDIX B**

Drill Logs

## AJM EXPLORATIONS LTD.

## MINERALS SECTION

## DRILL LOG

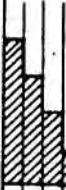
PROJECT	CUSAC	GROUND ELEV.	1178.977
HOLE No.	C85-100	BEARING	149° 53' 37"
LOCATION	N 7673.683 E 1804.155 (PETE VEN)	DIP	-42° 06' 20"
LOGGED BY	H. SMIT	TOTAL LENGTH	23.5 M.
DATE	AUG. 1/85	HORIZONTAL PROJECT	
CONTRACTOR	O.J. DRILLING	VERTICAL PROJECT	
CORE SIZE	BQ	ALTERATION SCALE	 absent. slight moderate intense
DATE STARTED	JULY 29/85	TOTAL SULPHIDE SCALE	 traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED	JULY 30/85	LEGEND	
DIP TESTS			
COMMENTS	0-54' casing 54'-77' rubble		



## ERICKSON GOLD MINING CORP.

## MINERALS SECTION

## DRILL LOG

PROJECT Casac	GROUND ELEV. 1176.803
HOLE No. 85-101	BEARING 153° 22' 33"
LOCATION N 7690.517 E 1812.644	DIP -59° 59' 58"
LOGGED BY P.G. Anderson	TOTAL LENGTH 190' = 57.91m
DATE July 31, 1985	HORIZONTAL PROJECT
CONTRACTOR D.J. Drilling	VERTICAL PROJECT
CORE SIZE BQ	ALTERATION SCALE
DATE STARTED July 30, 1985	 absent slight moderate intense
DATE COMPLETED July 31, 1985	TOTAL SULPHIDE SCALE
DIP TESTS	 traces only < 1% 1% - 3% 3% + 10% > 10%
COMMENTS	LEGEND

Decopy

PAGE 2	OF 4	PROJECT: EUSAC									
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION					ALTERATION	FRACT INTENSITY	
				A	B	C	D	E			
				0-7.8m	Overburden						
				9.8-39.7m	Chert massive -dark grey and unlike the typical Eusac cherts - appears to be a cherty argillite instead -appears slightly bedded in places, with lighter colored, thin beds - minor graphitic fractures, becoming locally moderately intense -minor milky white quartz stringers, with 2-3% fine pyrite in their vicinity -minor chloritic stringers -alternating light and dark colored bands from 26.0-26.5m -last 1.5m is more greenish gray in color						
				32.0-33.1m	- brecciated, with chert fragments in what appears to be a volcanic- carbonate matrix						
				33.1-38.1m	pale green and completely unconsolidated						
				38.1-38.7m	pale green - good ribboned chert						
				38.7-39.3m	pale green and completely unconsolidated						
				39.3-39.8m	pale green - good ribboned chert						
				39.7-52.9	Volcanic - massive - pale green and moderately carbonate altered - rare						



PAGE 4 OF 4

PROJECT: Cusac

HOLE No. 85-101

## AJM EXPLORATIONS LTD.

## MINERALS SECTION

## DRILL LOG

PROJECT <i>Cusac</i>	GROUND ELEV. <i>1176.523</i>
HOLE No. <i>C-85-102</i>	BEARING <i>319°59'24"</i>
LOCATION <i>N. 7661-704 E. 1541-300</i>	DIP <i>-44°06'18"</i>
LOGGED BY <i>L. Westervelt</i>	TOTAL LENGTH <i>39.32 M</i>
DATE <i>Aug 3, 1985</i>	HORIZONTAL PROJECT
CONTRACTOR <i>DJ Drilling</i>	VERTICAL PROJECT
CORE SIZE <i>BQ</i>	ALTERATION SCALE
DATE STARTED <i>AUG. 1/85</i>	
DATE COMPLETED <i>AUG. 1/85</i>	TOTAL SULPHIDE SCALE
DIP TESTS	
COMMENTS	LEGEND

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT. INTENSITY	M
					Ca	Ep	Cd	D	S		
A	B	C	D	E							
0				0-3.05 Overburden							
3.05-14.74		VOLCANIC (C) (Augite Porphyry)		pale green to grey fine grained w/ chlorite blebs (10%) to 2mm (after augite); few irreg. dol/gtz infilled fractures; int. rpts + chlorite alter. front. surfaces; occas. py as K-feldspar blebs or oogr.; sh. chl; sh. dol; mat. chl. texture							
14.74-17.37		CHERT		notted grey w/ pale green bands up to 10cm @ various angles TCA; occas. 10cm bed of augite porphyry; 1cm fract. zones concentrated w/ inter. gtz; sh. to nod CB throughout; notted zones fractures; 50%							
17.37-19.32		argillaceous CHERT		17.37-18.32: fracture/breccia zone in med. to dark grey chert; white gtz shts and inter. shts; 1cm core broken core at centre of shtn indicates' possible 3-5cm gtz vein; 1-3% py as 1mm cubes throughout; nod gr as stylolites and along fracture surfaces in white gtz							
19.32-22.36				18.32-22.36: light to dark grey notted chert - several short sets of light grey, notted chert, sh. to nod CB in light sets; few fine dol/gtz v. Hst. to 2mm local py cubes to 2mm							
22.36-24.10				22.36-24.10: med. grey to dark grey notted chert - cut by few thin bands of dark green to black mud seams							

PAGE 3 OF 9

PROJECT: Cusac

HOLE No. C-85-102



PAGE 5 OF 5

**PROJECT:**

Cusac

HOLE No.

C-85-102

## AJM EXPLORATIONS LTD.

## MINERALS SECTION

## DRILL LOG

PROJECT	C USAC	GROUND ELEV.	-1174.050
HOLE No.	C85-103	BEARING	328° 15' 47"
LOCATION	N 7681.617 E 1847.477 (PETE VEIN)	DIP	-930 48' 25"
LOGGED BY	HANS SMT	TOTAL LENGTH	19.20 M
DATE	AUG. 2/85	HORIZONTAL PROJECT	
CONTRACTOR	DJ DRILLING	VERTICAL PROJECT	
CORE SIZE	BQ	ALTERATION SCALE	 absent slight moderate intense
DATE STARTED	AUG 1/85	TOTAL SULPHIDE SCALE	 traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED	AUG 2/85	LEGEND	
DIP TESTS			
COMMENTS	QV. HANGING WALL (7.0-7.6 m) QV (0.9 m) (7.6 - 8.5 m)		



PAGE 3 OF 5

PROJECT:

CUSAC

HOLE No. C85-103

MINERALIZATION  
DESCRIPTIONTOTAL  
SULPHIDE

INTERVAL

WIDTH

ASSAY  
NUMBER%  
Au  
0.2%  
%  
Ag  
0.2%  
%COMPOSITE  
ASSAYS

5.25 - 5.45 (0.2 m)
SCM QTZ STINKER; 2cm BAND w NUMEROUS WALL ROCK INCLUSIONS IN WHITE QTZ ON EITHER SIDE; MINOR KITE; TETRAHEDRITE; 15CM OF FOOTWALL TO ABNT QTZ STINKERS, INTENSILY SILICIFIED.

5.25 -  
5.45

0.2 E9977 Tr .06

PAGE	4	OF	5	PROJECT:	CUSAC	HOLE No. C85-100				
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION					ALTERATION	FRACT INTENSITY
				A	B	C	D	E		
7	*			(7.0 - 7.6 m.)	STRINGERS ZONE;					
					HANGING WALL VEIN; IRREGULAR					
					MILKY WHITE STRINGERS					
8	*			7.6-8.5	QUARTZ VEIN (0.9 M)					
					SEE DESCRIPTION NEXT PAGE.					
	*			8.5-19.20	ARGILLACKOUS CHERT (50F)					
					DARK GREY ARGILLACKOUS CHERT;					
					MASSIVE; MINOR, OCCASIONALLY MOD. QTZ					
					QTZ-CARR. STRINGERS, IRREGULAR					
					WHITE; CAN RARELY SEE BANDING					
					OF LIGHTER, CHERTIER LAYERS UP					
					TO 3 CM THICK AT 80-85° TO C.N.					
					OCCASIONAL ZONES IN DISS. PY					
					CUBES UP TO 2 MM ACROSS, WIDELY					
					SPACED; OCCASIONALLY IRREGULAR					
					PATCHES UP TO 2 CM WIDE OF					
					LIGHTER ROCK DUE TO STRONGER					
					QTZ ALT					
					(15.4-16.4 m.)					
					29a PY IN' ROCK; COARSE					
					DISSEMINATED CUBES; FINE					
					GRAINED DISS.; CONCENTRATED					
					NEAR ALONG QTZ STRINGERS.					
				18.3 m	ROCK BECOMES ASIT					
					LIGHTER GREY.					
				19.20	END of HOLE					

PAGE 5 OF 5

## PROJECT

HOLE No. - 85- 103

## AJM EXPLORATIONS LTD.

## MINERALS SECTION

## DRILL LOG

PROJECT	CUSAC	GROUND ELEV.	1173.720
HOLE No.	C85-104	BEARING	330°
LOCATION	N. 7670.160 E. 1853.527 (PETE)	DIP	-45°
LOGGED BY	HANS SMITH	TOTAL LENGTH	29.57M
DATE	AUG. 3/85	HORIZONTAL PROJECT	
CONTRACTOR	DJ DRILLING	VERTICAL PROJECT	
CORE SIZE	BQ	ALTERATION SCALE	 absent slight moderate intense
DATE STARTED	AUG. 2/85	TOTAL SULPHIDE SCALE	 traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED	AUG. 2/85	LEGEND	
DIP TESTS			
COMMENTS	INTERSECTIONS: .45m @ 18.95 - 19.40 M CRY, TETRAH. 1.1m @ 23.85 - 24.95M		

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSY M	Y
					Ca	Ep	Chl	O	S		
A	B	C	D	E							
0				0-3.35 OVERBURDEN							
3				3.35-17.50 VOLCANICS AUGITE RPPY. MED. GREY GREEN VOLCANICS W UP TO 1MM CHLORITIZED AUGITE PHENOCRYSTS IN A FINE GRAINED MATRIX; 10-20% OF ROCK IS CHLORITE AFTER AUGITE; MASSIVE; MOD. CHLORITE ALT <sup>a</sup> ; WEAK TO MOD. EPIDOTE - WEAK TO OCCASIONAL MOD CALCITE ALT <sup>a</sup> ; WEAK INTENSITY OF QTZ, EPID AND CALCITE STRIKERS AT VARIOUS ORIENTATION TO C.A.; TRACE PY IN STRIKERS; CORE VERY COMPETENT.	Ca	Ep	Chl	O	S		
17				17.00 PHENOCRYST NOT READILY VISIBLE; MATRIX FINER GRAINED.  (17.30-17.50) FRACTURE INTENSITY INCREASES TO MOD.; SILICIC ALT <sup>a</sup> MOD. TO STRONG.							
				17.50 CONTACT IN UNDULATING CHEKT. ACTUAL CONTACT NOT DISTINCT.							
17.5				17.50-18.95 INTERBEDDED CHEKT AND ARGILLACEOUS CHEKT (5 D P)							
				MED. TO DARK GREY CHEKT AND ARGILLACEOUS CHEKT; CHEKT LAYERS LIGHTER COLOR; BEDDING FEATURES FAIRLY INDISTINCT AND WHERE VISIBLE, GENERALLY IRREGULAR AND DISCONTINUOUS.							

CUSAC

HOLE No. C85-104

PAGE

4 OF 7

**PROJECT:**

CVSAC

HOLE No. 685.



PAGE	6	OF	7	PROJECT:	CUSA C	HOLE No. C85-10Y
------	---	----	---	----------	--------	------------------

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION					ALTERATION	FRACT INTENSITY
				A	B	C	D	E		
24				23.85-24.95 QUARTZ VEIN (1.1m) TWO VEINS TO 0.12 m OF WALL ROCK BETWEEN OR AN INCLUSION OF WALL ROCK WITHIN A VEIN. SEE DESCRIPTION FOLLOWING PAGE.						
25				24.95-29.57 INTERBEDDED CHERT AND ARGILLACEOUS CHERT (50f)  SAME UNIT AS 17.50-18.95 AND 19.40 TO 23.85. BUT ARGILLACEOUS PART IS LIGHTER GREY; OCCASIONALLY WHITE. APPEARS TO BE BEDDING VISIBLE C 80-85° TO C.P.; STILL MINOR OIL STRINGERS; ONLY A TRACE OF DISSEM. PY; ONLY WEAK CRACKLE TEXTURE IN CHERT LAYERS;						
30				29.57 END of HOLE						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WHTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au ppf	Ag ppf/T	Pt/Pd	
23.85 - 24.30 (.45m) QZ VEN CONTACT ~45° TO C.A.; MILKY WHITE QZ IN 20% MOTTLED LIGHT GREY QZ (INDISTINCT CONTACTS BETWEEN THE 2); MINOR PYRITIC GREY WALL ROCK INCLUSIONS (FORMER ARULLITE?); MINOR GRAPHITIC SYNCLINITES TO TRACE DISSEMINATED PY; OVERALL PY ~19%; TRACE CCY.		23.85 - 24.30	.45m	E9978	TR	.04	Pete	1.1; ?
24.30 - 24.42 (0.12m) HIGHLY SILICIFIED CHERRY FRELLITE; NUMEROUS QZ STRINGERS; 2-3% DISS. PYRITE; DARK GREY; MAY BE EX. INCLUSION IN THE VHN.		24.30 - 24.42	.12	E9985	010	.02		
24.42 - 24.95 (0.53m) QZ VEN; UPPER CONTACT AT 40-45° TO C.A.; WHITE AND LIGHT GREY QZ GIVE IT IN A MOTTLED APPEARANCE; NUMEROUS WALL ROCK INCLUSIONS OF DARK GREY ARULLITE; CHERRY (IN MINOR DISS. PY) NEAR CONTACTS; VERY MINOR GRAPHITIC SYNCLINITES; TRACE DISS. PY IN QZ; OVERALL DISS. PY ~19%; BOTTOM CONTACT ~45° TO C.A.		24.42 - 24.95	0.53	E9979	TR	.02		
(22.95-23.85) ENGING WALL FOR ABOVE VEN; 1-2% PY 110° TO STRONG INTENSITY OF QZ STRINGERS		22.95 - 23.85	0.9	E9984	TR	.09		

## ERICKSON GOLD MINING CORP.

## MINERALS SECTION

## DRILL LOG

PROJECT Cusac	GROUND ELEV. 1173.244
HOLE No. 85-105	BEARING 325° 03'47"
LOCATION N 7674.567 E 1868.100	DIP -45°22'03"
LOGGED BY P.G. Anderson	TOTAL LENGTH 46.9m
DATE Aug 6/85	HORIZONTAL PROJECT
CONTRACTOR D.J. Drilling	VERTICAL PROJECT
CORE SIZE BQ	ALTERATION SCALE
DATE STARTED	absent
DATE COMPLETED	slight
DIP TESTS @ 140'	moderate
DIP CHANGE 21.3m	intense
ACTUAL 53.0°	
CORRECTED -44.7°	
COMMENTS	TOTAL SULPHIDE SCALE
	traces only
	< 1%
	1% - 3%
	3% - 10%
	> 10%
	LEGEND
	DDH# 085-105
	DIST IN SECT FROM PETE BL. 0 N
	ONPLAN : VERT : HORIZ -----:-----: COLLAR : 0.00: 7.32 ( 3.5 WEST OF 1213 )
	14.96 : -15.15: 22.23
	TOE : -33.16: 40.36 ( 6.4 WEST OF 1213 )
	TOTAL HORIZ = 33.16
	TOTAL VERT = -33.16

ERICKSON GOLD MINING CORP.

PAGE 2 OF 8

PROJECT: Cusac

## **MINERALS SECTION**

HOLE No. 85-105

PAGE 3 OF 8

PROJECT: *En Sac*

HOLE No. 85-105





DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					CA	Ep	CHL	D	S	
A	B	C	D	E						
28.3 - 46.9				28.3-46.9 Volcanic: massive 28.3 - 28.9 m - pale grey, moderately carbonate altered, and slightly silicified - minor to moderate graphite - 3-4 % fine disseminated pyrite						
28.9 - 33.3 m				28.9 - 33.3 m - dark green, with prominent disseminated chlorites - are several chlorite-epidote-rich sections which may represent flow contacts; at 29.4 m and 90° to the CA, 31.8 m and 75° to the CA, 32.6 m and 10° to the CA - last 0.3 m of the section						
33.3 - 34.7 m				33.3 - 34.7 m - pale grey, moderately carbonate altered, and slightly silicified - fine disseminated carbonates, plus 3-4 % disseminated pyrite throughout - also pyrite along fine fractures - are alternating light and dark colored bands at 33.6 m (tuffaceous?) - fairly numerous milky white gte stringers, bordered by carbonate - minor chloritic- graphitic fractures						
34.7 - 46.9 m				34.7 - 46.9 m - dark green, with prominent disseminated chlorites throughout - are chl-epidote rich sections, which may represent flow banding; at 37.2 m and 70°						





## ERICKSON GOLD MINING CORP.

## MINERALS SECTION

## DRILL LOG

PROJECT <i>Cusac</i>	GROUND ELEV. 1173.909		
HOLE No. B5-106	BEARING 330°		
LOCATION N 7641.535 E 1855.104	DIP <del>-50° USE -48.5°</del> TOTAL LENGTH 57.0m		
LOGGED BY P.G. Anderson	HORIZONTAL PROJECT		
DATE Aug 6/85	VERTICAL PROJECT		
CONTRACTOR D.J. Drilling	ALTERATION SCALE  absent slight moderate intense		
CORE SIZE	TOTAL SULPHIDE SCALE  traces only < 1% 1% - 3% 3% - 10% > 10%		
DATE STARTED			
DATE COMPLETED			
DIP TESTS 1173.909'	DIP CHANGE 31.85m	ACTUAL 56.5°	CORR -48.5°
COMMENTS	LEGEND  DIREC 085-106 DIST IN SECT FROM PETE 3L. 0 N ONPLAN : VERT : HORIZ -----: COLLAR : 0.00 : -44.78 ( 8.6 EAST OF 1215 ) TOE : -42.69 : 22.98 ( 8.6 EAST OF 1215 )  TOTAL HORIZ = 37.76 TOTAL VERT = -42.69		

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	C L A Y
					Ca	Ep	Chl	D	S		
0 - 6.1	n	Overburden									
6.1 - 9.2	v	Volcanic: massive		- dark green, with disseminated chlorite throughout - minor epidote and milky white quartz stringers							
9.2 - 14.6	g	Chert: massive to banded		- pale greenish-grey, with irregular beds and patches of light green, less siliceous and more volcanic looking bands - very minor chloritic-graphitic fractures - is a section at 14.5m which may represent flow banding with thin alternating bands of pale green, and reddish-brown (hematite staining?)							
	p			- contact with below, is at ~90° to the core axis							
14.6 - 15.1	d	Volcanic: massive		- dark green, with prominent disseminated chlorite - moderate epidote stringers, and minor chert inclusions							
15.1 - 15.4	h	Chert: massive		- pale green, with minor epidote along fine stringers - both contacts are at ~90° to the core axis							
15.4 - 15.9	s	Volcanic: massive		- dark green, with prominent chlorite disseminated throughout - moderate epidote stringers - contact below is at ~90° to the							

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PROJECT: Cusac

HOLE No. 85-106



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PROJECT: Pasac

HOLE No. 85-106

PAGE 6 OF PROJECT: Cusac HOLE No. 85-105

## APPENDIX C

### Assay Results

**DAY SAMPLED**

## ERICKSON GOLD MINING CORP.

DAY ASSAYED

• D. L. Cole

## DAILY ASSAY REPORT

Aug 2/85

August 1/85 geology Priority

**DAY SAMPLED**

**ERICKSON GOLD MINING CORP.**

DAY ASSAYED

COE

AUG 2 / 85

DAILY ASSAY REPORT  
Geology

Aug 6/85

**DAY SAMPLED**

## ERICKSON GOLD MINING CORP.

DAY ASSAYED

Gōyōe

DAILY ASSAY REPORT

Aug 3185

Aug 3/85

## geology

## Priority

**DAY SAMPLED**

**ERICKSON GOLD MINING CORP.**

**DAY ASSAYED**

CORE

DAILY ASSAY REPORT

Aus 6/85

AUG. 3/85 GEOLOGY

DAY SAMPLED

# ERICKSON GOLD MINING CORP.

DAY ASSAYED

core

## DAILY ASSAY REPORT

Aug 5 / 85

AUG 3 185 GEOLOGY PRIORITY

**DAY SAMPLED**

## ERICKSON GOLD MINING CORP.

DAY ASSAYED

core

## DAILY ASSAY REPORT

Aug 3 | 85

## GEOLOGY

Aug 6/85

**DAY SAMPLED**

## ERICKSON GOLD MINING CORP.

**DAY ASSAYED**

## Core

## DAILY ASSAY REPORT

Aug 6/85

Aug 3-5

## Geology Priority

