

84-1192-13205
9/85

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

13,205

DIAMOND DRILLING REPORT
ON THE
POOL GROUP

CASSIAR DISTRICT
LIARD MINING DIVISION, BRITISH COLUMBIA

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

OPERATOR: ERICKSON GOLD MINING CORP.

WORK DONE ON: TED FR.
WILDCAT 1
WILDCAT 2

WORK PERFORMED: MAY 24 TO JUNE 24, 1984

LOCATED: 59° 11'N, 129° 38'W, NTS 105P/4E

BY: M. BALL, M.Sc.

LOGS BY: M. BALL, M.Sc.

D. SKETCHLEY, B.Sc.

J. STEEL, B.Sc.

L. WESTERVELT, *UBC 1984/1985*

under the supervision of R. Somerville, P. Eng.

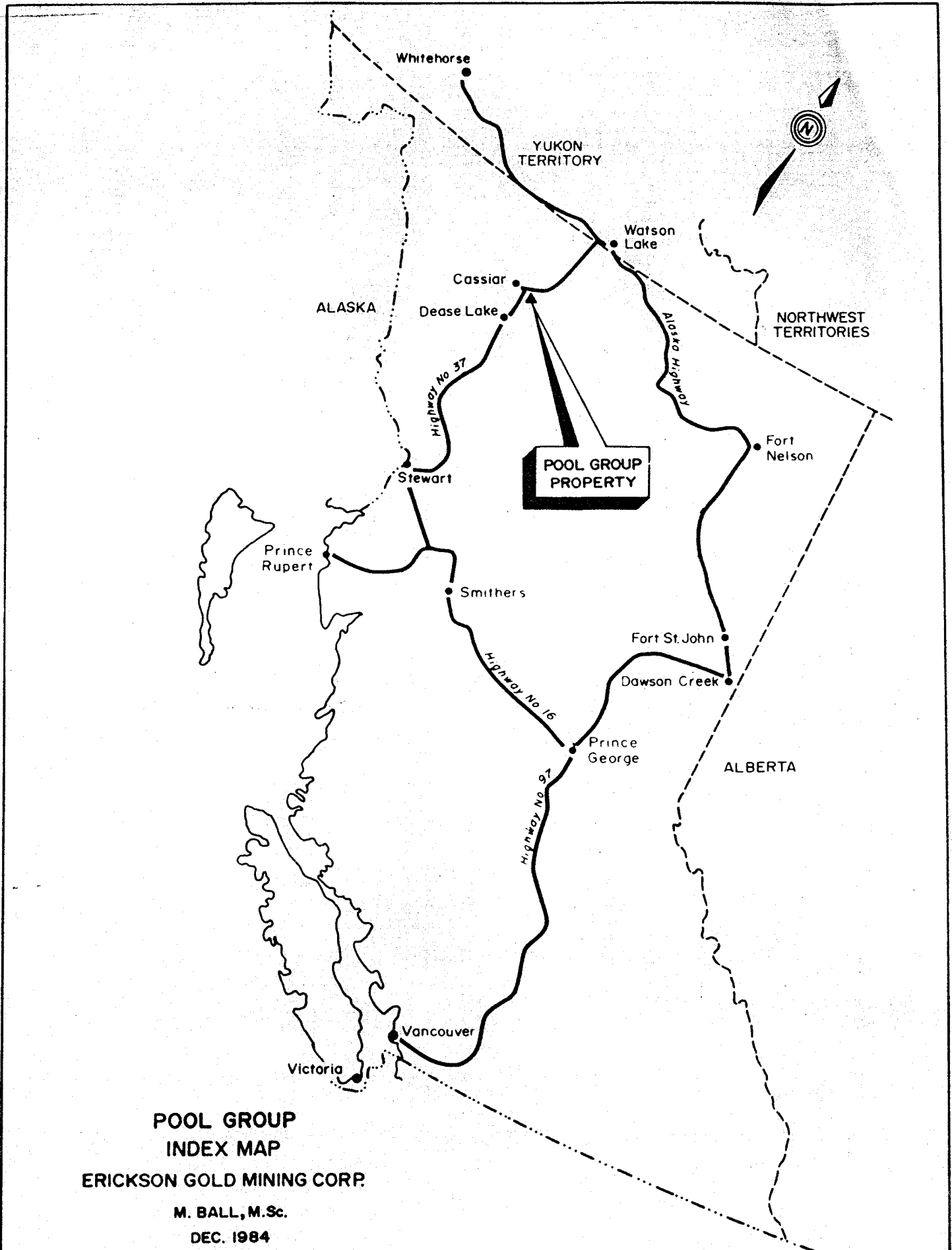
DATE: DECEMBER 6, 1984

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**POOL GROUP
INDEX MAP
ERICKSON GOLD MINING CORP.**

**M. BALL, M.Sc.
DEC. 1984**



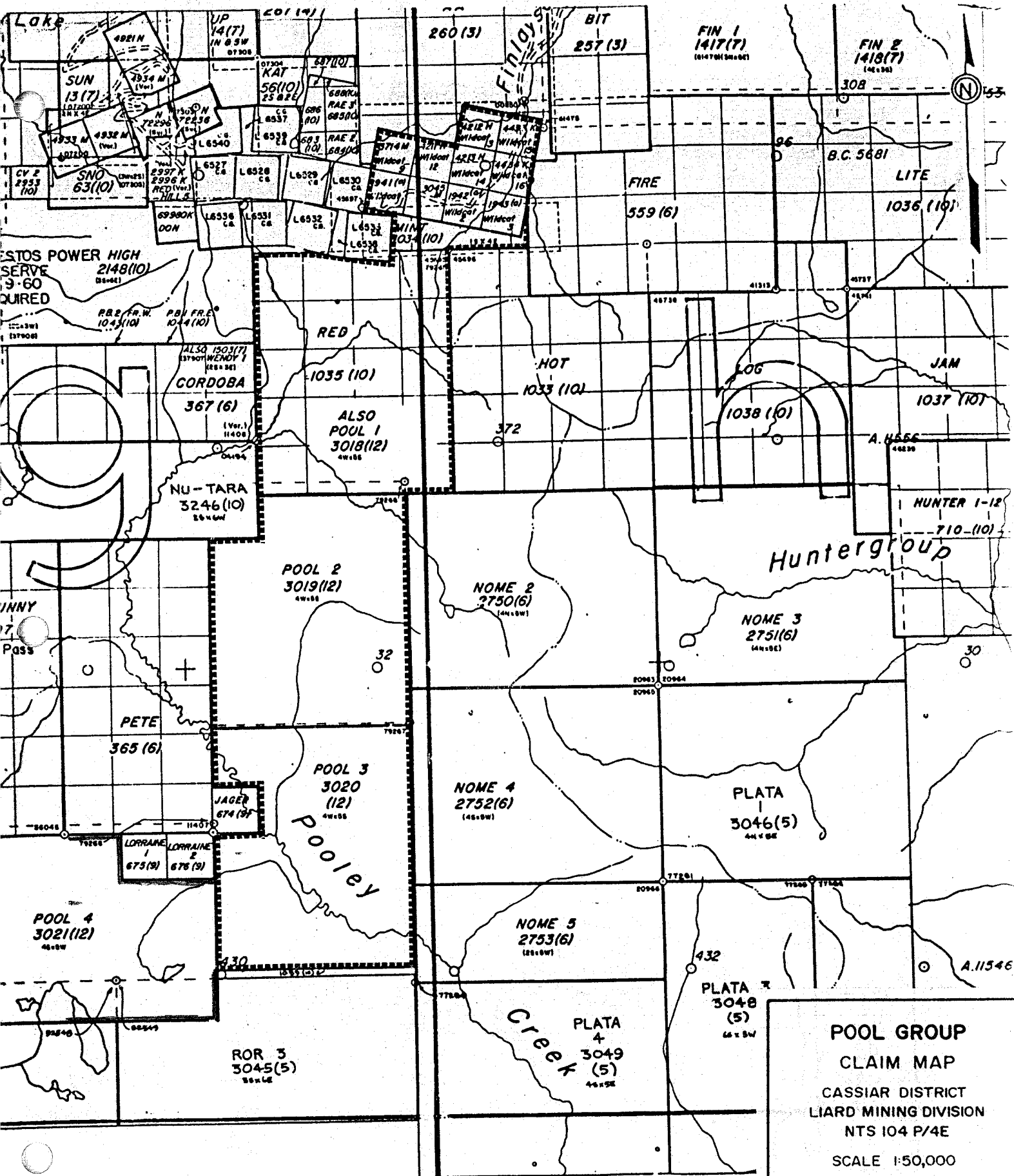
SCALE 1:7,500,000

FIGURE 1

1.0

CLAIM RECORD
POOL GROUP

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>	<u>Owner</u>	<u>F.M.C.#</u>
Mint	4	1034	Oct. 11/79	Erickson Gold Mining Corp.	264216
Red	20	1035	Oct. 11/79	Erickson Gold Mining Corp.	264216
Wildcat 1	1	1941	Mar. 27/50	Troutline Creek Gold Ltd.	26133
Wildcat 2	1	1942	Mar. 27/50	Troutline Creek Gold Ltd.	26133
Wildcat 3	1	1943	Mar. 27/50	Troutline Creek Gold Ltd.	26133
Pool 2	20	3019	Dec. 15/83	Erickson Gold Mining Corp.	264216
Pool 3	20	3020	Dec. 15/83	Erickson Gold Mining	264216
Pool 4	20	3021	Dec. 15/83	Erickson Gold Mining	264216
Ted FR.	1	3045	Sep. 12/53	Troutline Creek Gold Ltd.	26133
Wildcat 9	1	3714	Sep. 28/55	Troutline Creek Gold Ltd.	26133
Wildcat 12	1	4211	Jul. 21/56	Troutline Creek Gold Ltd.	26133
Wildcat 13	1	4212	Jul. 21/56	Troutline Creek Gold Ltd.	26133
Wildcat 14	1	4213	Jul. 21/56	Troutline Creek Gold Ltd.	26133
Wildcat 15	1	4433	Aug. 22/56	Troutline Creek Gold Ltd.	26133
Wildcat 16	1	4434	Aug. 22/56	Troutline Creek Gold Ltd.	26133



**POOL GROUP
 CLAIM MAP**
 CASSIAR DISTRICT
 LIARD MINING DIVISION
 NTS 104 P/4E
 SCALE 1:50,000
 Claim boundaries approximate
 Survey by altimeter, chain,
 and compass unless otherwise
 noted.
 DEC. 1984 FIGURE 2

2.0 INTRODUCTION

This report describes the results of diamond drilling which was done on the Pool Group claims between May 24 and June 24, 1984. Maps showing the property location, claims, area of diamond drilling and location of collars are included. Geological logs with assay results are included in appendix A.

3.0 LOCATION AND ACCESS

The property is located in northern British Columbia, approximately 15 km southeast of the town of Cassiar and 5 km south of McDame Lake. The geographic co-ordinates are 59°11' N, latitude and 129°38'W, longitude.

Access is by road from Watson Lake, Yukon Territory, which is approximately 168 km to the NNE of the property or from Kitwanga, which is 655 km south on Highway No. 37. From Highway 37, access to the claims is by truck along the Erickson Gold Mine road which departs from the highway near the east end of McDame Lake and winds up the north face of Table Mountain.

4.0 HISTORY

Placer gold was discovered by Henry McDame on McDame Creek in 1874. Since then, considerable prospecting for lode gold deposits has been conducted on numerous quartz veins which occur within the area.

A small gold rush began in 1934 and in 1935 John Vollaug and Hans Erickson discovered a gold-bearing quartz vein on the top of Table Mountain and staked the Vollaug claim group. In

1937, the Consolidated Mining and Smelting Company of Canada Ltd. carried out an exploration program on the Vollaug group, including diamond drilling.

The Wildcat and Ted claims were staked during the 1950's, and cover the eastern strike extension of the Vollaug vein. Troutline Creek Gold Ltd. subsequently acquired these claims.

By 1962, Table Mountain Mines Ltd. had acquired the Vollaug group and began trenching and mapping the surface exposure of the Vollaug vein.

In 1973, underground exploration was conducted by Asamera Oil Corporation Ltd. on the Vollaug vein on Table Mountain Mines Ltd. holdings west of the Wildcat claims.

In 1979, Erickson Gold Mining Corp. staked the Mint and Red claims.

Diamond drilling of the Vollaug vein was done in 1979, 1980 and 1981 by Table Mountain Mines Ltd. on the claims immediately west of the Wildcat 1 claim. In 1981, Plaza Resources Ltd. drilled a number of holes on the Vollaug vein on the Wildcat 1, Wildcat 2 and Ted Fr.

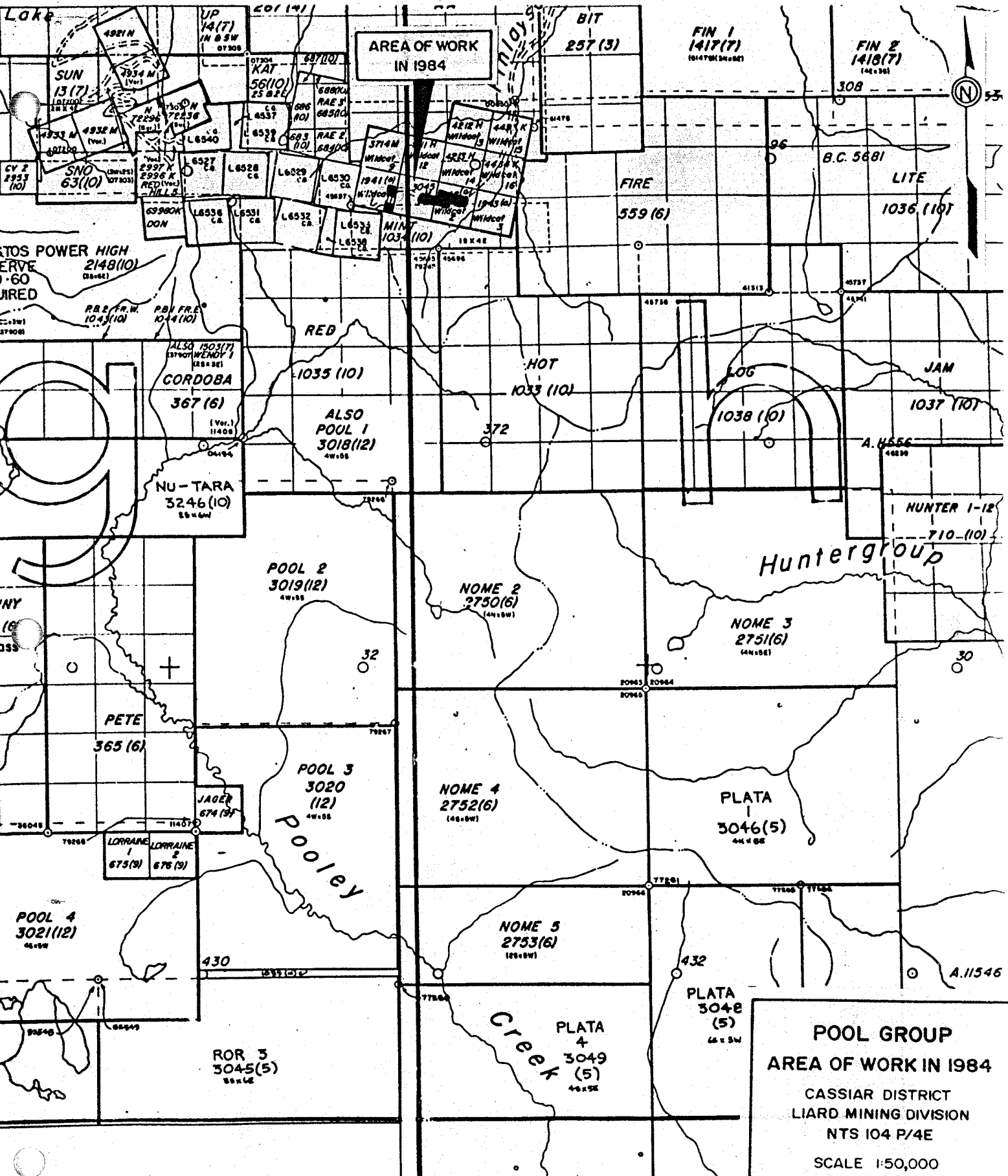
Plaza Resources Ltd. mined the Vollaug vein in 1982 from two open pits. These pits are located on the Wildcat 1 and Wildcat 2 claims. In addition, a portal was collared on the eastern extension of the Vollaug vein on the Wildcat 2 claim.

In 1983, Erickson Gold Mining Corp. staked the Pool 2, 3 and 4 claims.

In 1984, Erickson Gold Mining Corp. mined the eastern extension of the Vollaug vein on the Wildcat 2 claim and began drilling the vein in an effort to outline additional mineable tonnage.

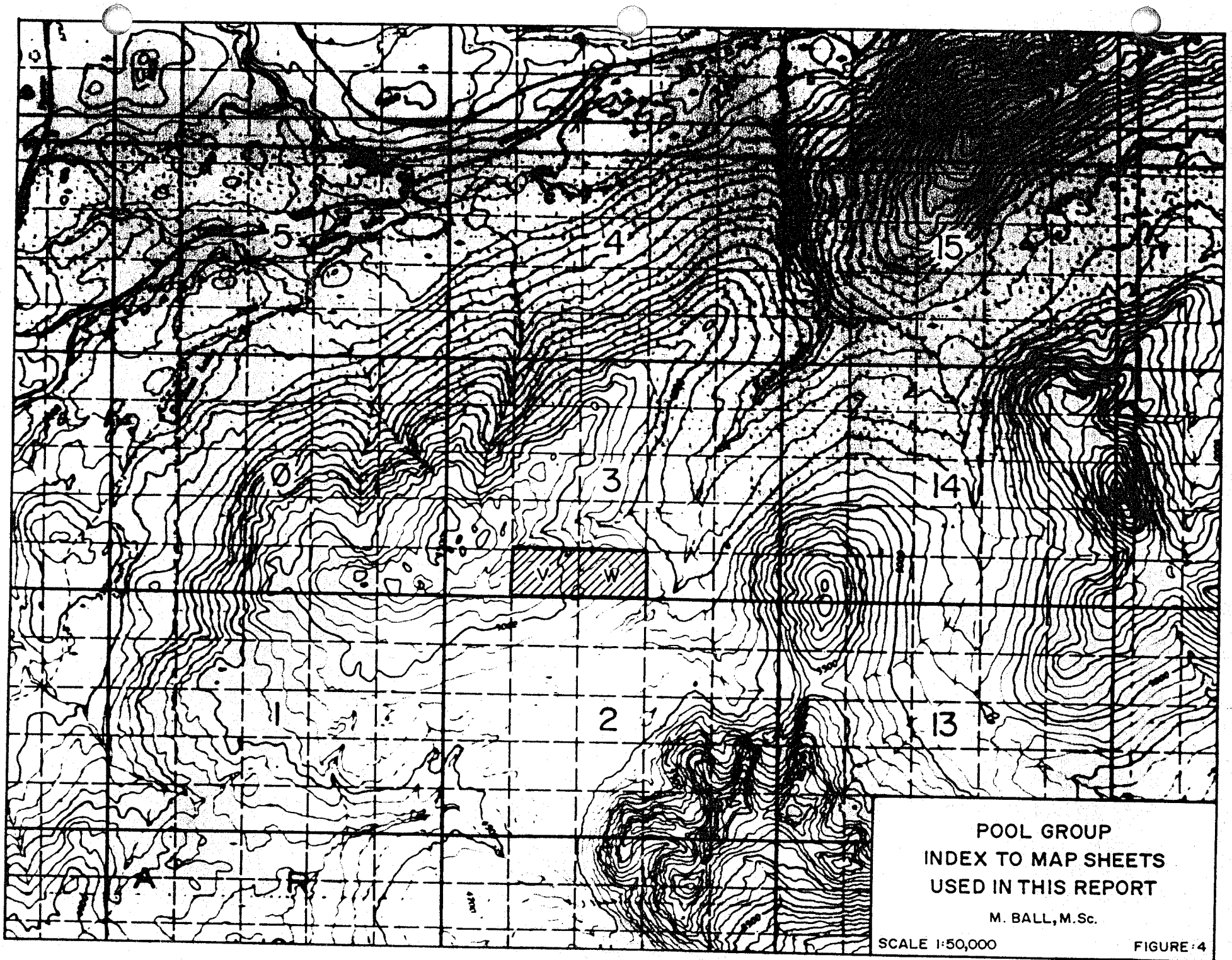
5.0 SUMMARY OF WORK

Sixteen holes, numbered 84-401 inclusive and 84-412 inclusive were drilled for a total of 1341.7 meters of BQ core. A longyear 38 drill was used with two hour shifts per day. Drilling was supervised by geologists R. Basnett, B.Sc. and D. Sketchley, B.Sc. The drill holes were collared on the Wildcat 1, Wildcat 2 and Ted Fr. claims.



AREA OF WORK
IN 1984

POOL GROUP
AREA OF WORK IN 1984
 CASSIAR DISTRICT
 LIARD MINING DIVISION
 NTS 104 P/4E
 SCALE 1:50,000
 Claim boundaries approximate
 Survey by altimeter, chain,
 and compass unless otherwise
 noted.
 DEC. 1984 FIGURE 3



POOL GROUP
INDEX TO MAP SHEETS
USED IN THIS REPORT

M. BALL, M.Sc.

SCALE 1:50,000

FIGURE 4

6.0 PURPOSE

The purpose of the drilling was to outline a mineable gold ore shoot within the Vollaug vein. Drill holes were planned to intersect the vein at a high angle and to penetrate the footwall far enough to test for the presence of multiple veins.

7.0 GEOLOGY

The Pool Group is underlain by metavolcanics and metasediments belonging to the Lower Mississippian to Upper Pennsylvanian age Sylvester Group. The metavolcanics consist of massive, pillowed or banded flows and are chlorite-rich, with lesser amounts of calcite and epidote. The metasediments consist of ribbon chert, argillite and siltstone. The ribbon chert is commonly thin bedded and green to black in colour. The argillite is black coloured, graphitic and is interbedded with grey to brown, laminated siltstone. Bedding in the argillite/siltstone sequence is commonly highly contorted and faulted or brecciated.

The metavolcanic or greenstone unit is locally altered to a tan-coloured, ferromagnesian carbonate-rich rock containing 1 to 4 mm quartz veinlets. One to 5 percent, 1 to 3 millimeter, euhedral pyrite grains commonly occur disseminated within carbonate altered volcanics.

Lenses of Listwanite occur locally within the volcanics. Listwanite is a highly foliated rock which varies considerably in colour from dark green or black to brownish white or bright green, depending on the constituent mineralogy. Listwanite is considered to be an altered ultramafic rock and is composed of varying amounts of serpentine, chlorite, talc, carbonate, quartz and fuchsite.

Steeply dipping dikes, up to 3.0 meters thick, cross cut all other lithologies. The dikes are basic in composition and are either diabase or lamprophyre.

Within the area of drilling described in this report, the Vollaug vein occurs along a contact between metavolcanics and an overlying graphitic argillite and siltstone sequence. The contact strikes 100° to 110° and dips north at 30° to 50° . Listwanite commonly occurs along the contact and preferentially occurs between the Vollaug vein and the underlying metavolcanics. Listwanite also occurs locally within the volcanics, in addition to relatively thin chert lenses.

8.0 MINERALIZATION

The Vollaug vein strikes 100° to 110° , dips 30° to 60° north and varies in thickness from 10 cm to 2.5m. It is exposed at surface for approximately 2,600 m strike length and is locally known to exist 100 meters below the top of Table Mountain.

The vein is composed of white quartz and is characterized by abundant, subparallel argillaceous and graphitic stylolites. Microscopically, these stylolites mark the boundary between aggregates of quartz grains with distinctly different grain sizes.

The vein contains tetrahedrite, pyrite, sphalerite, galena, chalcopyrite and native gold, in order of abundance. The sulphides occur as isolated grain less than 1.0 mm or as aggregates up to 5.0 mm along fractures. Gold occurs as minute grains disseminated throughout the quartz and commonly occurs adjacent to graphitic stylolites.

Economic gold mineralization occurs as ore shoots within the vein which commonly rake to the west at depth. The vein is truncated by northerly striking, steep dipping sinistral and dextral faults, which divide the vein into separate fault blocks.

9.0 RESULTS

Table 1 summarizes the Vollaug vein intersections and composite assays for the drill holes which pertain to this report.

Vein intersections were split and half core samples of up to 1.0 meter in length were assayed at the Erickson Gold Mining Corp. mine assay lab. All core is stored in open racks at the minesite. Core recovery was essentially 100% for most of the holes.

TABLE 1
SUMMARY OF DIAMOND DRILL RESULTS

Hole Number	Width (meters)	Au (oz/ton)	Ag (oz/ton)
84-401	1.1	.016	.10
84-402	Vein #1	0.6	.073
	Vein #2	0.8	.019
84-403	0.2	.102	.04
84-404	0.5	.163	.30
84-405	0.2	.664	.24
84-406	0.6*	.520	.26
84-412	1.7	.025	.07
84-413	No intersection		
84-414	0.7	.134	.04
84-415	0.5	.050	.29
84-416	0.5	.264	.14
84-417	0.3	.048	.06
84-418	0.2	.023	.06
84-419	0.3	.076	.05
84-420	0.5*	.055	.11
84-421	Vein #1	0.8	.064
	Vein #2	1.0	.018

* some lost core

Drill holes 84-401 to 84-404 are located near a hole which was drilled prior to 1984. The Vollaug intersection in this hole is reported to have assayed 2.14 oz/ton Au and 0.79 oz/ton Ag. None of the holes drilled around this intersection encountered such high grade mineralization.

Drill holes 84-405, 406, 420 and 421 are located north of the Plaza Zone 2 open pit and intersected the Vollaug vein down dip from the pit. Significant mineralization was intersected in holes 405 and 406.

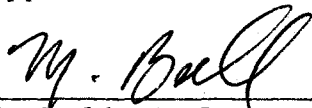
Drill holes 84-412 to 415 intersected the Vollaug vein up dip from the Troutline mine drift. No significant mineralization was encountered in these holes.

Drill holes 84-416 to 419 intersected the Vollaug vein down dip from the Troutline mine drift. Hole 416 intersected relatively low grade mineralization.

10.0 CONCLUSIONS

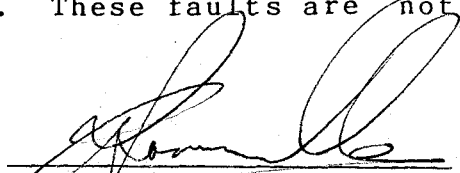
The diamond drilling described in this report did not outline a gold ore shoot on the Vollaug vein. Significant mineralization was encountered down dip of the Plaza Zone 2 open pit and this area may warrant further exploration.

A number of faults have been inferred, based on the elevations of Vollaug vein intersections. These faults are not apparent on the surface.



M. Ball, M.Sc.

under the supervision of
R. Somerville, P. Eng.


R. Somerville, P. Eng.

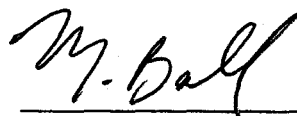
11.0 STATEMENT OF COSTS

Diamond Drilling:	1341.7 m at \$59.04/m	=	\$79,214.00
Geologist:	May 24 to June 24, 1984		
	32 days at \$190/day/man	=	6,080.00
Room and Board:	5 men at \$50/day/man for		
	32 days	=	8,000.00
Field Supplies:		=	200.00
Drafting and Report Preparation:		=	200.00
Vehicle:	32 days at \$50/day	=	1,600.00
Assaying:	43 core assays for Au & Ag		
	at \$19/sample	=	817.00
Core storage:	1341.7 m at \$1.30/m	=	1,744.00
			<hr/>
			\$97,855.00
			=====

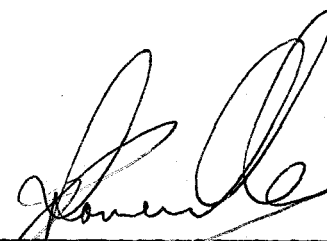
12.0 STATEMENT OF QUALIFICATIONS

I Mathew Ball, of 500-171 West Esplanade Street, North Vancouver, British Columbia, do hereby certify that:

1. I hold an M.Sc. degree in Mineral Exploration, obtained at Queen's University in Kingston, Ontario and have practised my profession for four (4) years.
2. I am a member of the Canadian Institute of Mining and Metallurgy.
3. I am author of this report, which is based upon work conducted under the supervision of R. Somerville (P. Eng.) during the 1984 field season on the Pool property of Erickson Gold Mining Corp. near Cassiar, B.C.



M. Ball, M.Sc.



R. Somerville, P. Eng.

APPENDIX A
DRILL LOGS

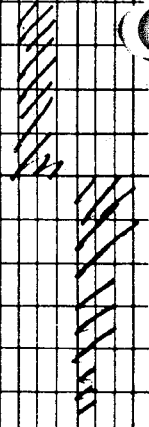
AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

PROJECT <i>Erickson</i>	GROUND ELEV. <i>1509.176</i>																																						
HOLE No. <i>84-401</i>	BEARING <i>180° 29' 37"</i>																																						
LOCATION <i>N 3530.499</i> <i>E 4127.394</i>	DIP <i>-60° 01' 55"</i>																																						
	TOTAL LENGTH <i>105.77</i>																																						
LOGGED BY <i>M. BALL</i>	HORIZONTAL PROJECT <i>50.93</i>																																						
DATE <i>29 May 84</i>	VERTICAL PROJECT <i>-92.36</i>																																						
CONTRACTOR <i>D. J. Drilling</i>	<p style="text-align: center;">ALTERATION SCALE</p>																																						
CORE SIZE <i>BQ</i>																																							
DATE STARTED <i>May 24 / 84</i>	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>																																						
DATE COMPLETED																																							
DIP TESTS																																							
<i>DIP CHANGE ACTUAL CORRECTED</i>																																							
<i>@ 200' 30.48 67° 60.0°</i>																																							
<i>@ 105.77^{347'}_{m.} 68.125 68.8° 62.4°</i>																																							
COMMENTS	LEGEND																																						
<i>QV 96.3-97.4 elev. 1427.9-1424.2 (Vollaug).</i>	<i>DDH 84.401</i>																																						
	<i>DIST IN SECT FROM VOLLAUG BL. 200 M</i>																																						
	<i>ONPLAN : VERT : HORZ</i>																																						
	<i>-----:-----:-----</i>																																						
	<i>COLLAR : 0.00: -49.50</i>																																						
	<i>(2.3 EAST OF 650)</i>																																						
	<i>15.22 : -26.40: -64.72</i>																																						
	<i>34.05 : -59.01: -83.55</i>																																						
	<i>45.71FW : -81.31: -95.21</i>																																						
	<i>47.61FW : -84.94: -97.11</i>																																						
	<i>TOE : -92.36: -100.98</i>																																						
	<i>(1.9 EAST OF 650)</i>																																						
	<i>TOTAL HORZ = 51.48</i>																																						
	<i>TOTAL VERT = -92.36</i>																																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">H</td> <td style="width: 10%; text-align: center;">V</td> <td style="width: 50%;"></td> </tr> <tr> <td><i>0-100'</i></td> <td><i>0-30.48 = 30.48 @ 60.02°</i></td> <td><i>15.23</i></td> <td><i>26.40</i></td> </tr> <tr> <td><i>100'-173.5'</i></td> <td><i>30.48-52.88 = 22.4 @ 60.0°</i></td> <td><i>11.2</i></td> <td><i>19.40</i></td> </tr> <tr> <td><i>173.5'-347'</i></td> <td><i>52.88-105.77 = 52.89 @ 62.4°</i></td> <td><i>24.50</i></td> <td><i>46.87</i></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;"><i>50.93</i></td> <td style="text-align: center;"><i>92.67</i></td> </tr> <tr> <td></td> <td style="text-align: center;"><i>✓</i></td> <td style="text-align: center;"><i>✓</i></td> <td style="text-align: center;"><i>RB</i></td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><i>1509.18</i></td> <td style="width: 50%;"></td> </tr> <tr> <td><i>26.40</i></td> <td></td> </tr> <tr> <td><i>1482.78</i></td> <td></td> </tr> <tr> <td><i>19.40</i></td> <td></td> </tr> <tr> <td><i>1463.38</i></td> <td></td> </tr> <tr> <td><i>46.87</i></td> <td></td> </tr> <tr> <td><i>1416.51</i></td> <td></td> </tr> </table>		H	V		<i>0-100'</i>	<i>0-30.48 = 30.48 @ 60.02°</i>	<i>15.23</i>	<i>26.40</i>	<i>100'-173.5'</i>	<i>30.48-52.88 = 22.4 @ 60.0°</i>	<i>11.2</i>	<i>19.40</i>	<i>173.5'-347'</i>	<i>52.88-105.77 = 52.89 @ 62.4°</i>	<i>24.50</i>	<i>46.87</i>			<i>50.93</i>	<i>92.67</i>		<i>✓</i>	<i>✓</i>	<i>RB</i>	<i>1509.18</i>		<i>26.40</i>		<i>1482.78</i>		<i>19.40</i>		<i>1463.38</i>		<i>46.87</i>		<i>1416.51</i>		
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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
8.15-98.0				Argillite SDD. Black argillite w/ thin interbeds of grey mudstone. Commonly disrupted, brecciated, minor faults locally siliceous, local slaty cleavage, local 1-2mm qz-cb veinlets. Bedding TCA useless due to common disruption of bedding.						
				11.7 spaced clug 45° TCA						
				13.0-14.7						
				15.4 slaty clug 45° TCA						
				19.4 clug 40° TCA cb stringers in clug planes						
				28.8 - 29.6 broken, silicified some Qz stringers up to 0.10 m						
				37.4 spaced clug w/ qz ^{cb} stringers (1-2mm) & 35° TCA						



MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	Au oz/t	Ag oz/t	%			COMPOSITE ASSAYS
Silicified arg & qz stringers		28.8 - 29.6	0.8	E4611	Au	.02				

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G	Tale
					A	B	C	D	E			
0				8.15-97.5 Argillite (cont'd)								
				82.25 w. weak shear clug. 25° TCA								
				86.6 weak shear clug 25° TCA								
				86.6-96.3 highly sheared argillite, lozenge shaped clasts of siltstone/mudst, qz-cb veinlets < 1.0 cm // to shear clug.								
0				89.0 strong shear clugs 45° TCA								
				91.8 str shear clug 45° TCA								
				93.3 " "								
				94.4 " "								
				95.5 " 75° TCA								
				96.3-97.4 Volcanic Vein								
				97.4-97.5 graphitic gouge								
				97.5-98.0 highly sheared graphitic rock w/ shear clug high L TCA								
20				qz along clug planes								
				97.5-103.8 listwanite blk to dark green, soft, friable, slight Mariposite throughout, vuggy, rusty, cb veinlets (< 1cm) locally. Grades down hole into more siliceous material, broken to 100.0								
				103.8-105.8 Chert, light pale green, highly fract'd, irreg frac, highly disrupted.								
				End of Hole								



MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Ag (0.2)	Ag (0.2)		
96.3-97.4 : Vollaung Un								
96.3-96.9 : cone broken & blocky, ll.w. contact not discernable, white qtz seg. cut by bl. styl. @ 70-90 to CA, other areas have gray to bl. shades in patches, with carb & clear qtz veinlets (< 0.5mm) cutwork @ shallow angles locally, minor brecciate w/ calcite matrix near end of sectn, tr of py along stylolites			0.6	D 6555	Tr	.03		
							.06, .10	
96.9-97.4: same as previous sectn, F.W. contact is ~ 90 to CA.			0.5	D 6556	.036	.19		

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

PROJECT -Emmerson Troutline	GROUND ELEV. 1505.611																				
HOLE No. 84-402	BEARING 180° 30' 55"																				
LOCATION N 3503.885 E 4125.759	DIP -62° 55'																				
	TOTAL LENGTH 121.62 m																				
LOGGED BY Dale A. Sketchley	HORIZONTAL PROJECT 51.23																				
DATE May 30 - 31 /84	VERTICAL PROJECT 110.25																				
CONTRACTOR D. F. Drilling	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="text-align: center;">absent slight moderate intense</p>																				
CORE SIZE BQ																					
DATE STARTED May 26/84	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="text-align: center;">traces only < 1% 1% > 10%</p>																				
DATE COMPLETED May 27/84																					
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 25%;">DIP CHANGE</th> <th style="width: 25%;">ACTUAL</th> <th style="width: 35%;">CORR</th> </tr> </thead> <tbody> <tr> <td>DIP TESTS @ 200'</td> <td>30.48m</td> <td>71.0°</td> <td>64.8°</td> </tr> <tr> <td>@ EOH ^{399'}</td> <td>76.05 m</td> <td>72.5°</td> <td>66.8°</td> </tr> </tbody> </table>		DIP CHANGE	ACTUAL	CORR	DIP TESTS @ 200'	30.48m	71.0°	64.8°	@ EOH ^{399'}	76.05 m	72.5°	66.8°									
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<p>Vn 1 82.5 - 82.82 contact 90° 1431.2</p> <p>Vn 2 94.0 - 94.8 contact 15° 1420.8</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 40%;"></th> <th style="width: 10%; text-align: center;">H</th> <th style="width: 10%; text-align: center;">V</th> </tr> </thead> <tbody> <tr> <td>0-100</td> <td>0-3048 = -30.48 @ -62° 92°</td> <td style="text-align: center;">13.88</td> <td style="text-align: center;">27.14</td> </tr> <tr> <td>100-299.5</td> <td>30.48-91.29 = -60.81 @ 64.8'</td> <td style="text-align: center;">25.89</td> <td style="text-align: center;">55.02</td> </tr> <tr> <td>299.5-399</td> <td>91.29-121.62 = -30.33 @ 66.8</td> <td style="text-align: center;">11.95</td> <td style="text-align: center;">27.88</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">51.72</td> <td style="text-align: center;">110.04</td> </tr> </tbody> </table> <div style="margin-top: 10px;"> <p>1505.61</p> <p>27.14</p> <hr style="width: 50%; margin-left: 0;"/> <p>1478.47</p> <p>55.02</p> <hr style="width: 50%; margin-left: 0;"/> <p>1423.45</p> <p>27.88</p> <hr style="width: 50%; margin-left: 0;"/> <p>1395.57</p> </div>			H	V	0-100	0-3048 = -30.48 @ -62° 92°	13.88	27.14	100-299.5	30.48-91.29 = -60.81 @ 64.8'	25.89	55.02	299.5-399	91.29-121.62 = -30.33 @ 66.8	11.95	27.88			51.72	110.04	<p>DDHS 84.402</p> <p>DIST IN SECT FROM VOLLAUG BL. 200 N</p> <p>ONPLAN : VERT : HORZ -----:-----:-----</p> <p>COLLAR : 0.00: -76.11 (0.7 EAST OF 650)</p> <p>13.87 : -27.13: -89.99</p> <p>33.27 : -68.37: -109.39</p> <p>35.86HW : -74.39: -111.97</p> <p>35.97FW : -74.66: -112.09</p> <p>40.31HW : -84.77: -116.42</p> <p>40.58FW : -85.42: -116.70</p> <p>TOE : -110.25: -127.34 (0.2 EAST OF 650)</p> <p>TOTAL HORZ = 51.23</p> <p>TOTAL VERT = 110.04</p>
		H	V																		
0-100	0-3048 = -30.48 @ -62° 92°	13.88	27.14																		
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		51.72	110.04																		

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	repeats	COMPOSITE ASSAYS
					As	As			
					g/t	g/t			
QV 82.50 - 82.82 (0.32 m) High angle contacts at high angle to core abundant graphite filled stylolites up to 2 cm from HW & FW. Mainly white qz in middle of vein. crosscut (to core & ⊥ to vein) by 2 mm wuggy, clear qz veinlets which commonly contain py. Stylolites roughly at 45° TCA.				.32 E4606	.072	.26			
82.82 - 83.00 (0.18 m) highly graphitic zone containing minor py, few specks Marciposite, sheared, white qz veinlets to & cross foliation (ptygmatic). foliation 80-90° TCA				.18 E4607	.090	.16			
QV 83.00 - 83.10 QV (.10 m) 68° TCA, banded - contains graphitic bands & clasts of wall rock in white-grey qz py along 2mm fractures to & ⊥ to vein. Few specks marciposite, one stylolite lined with graphite.				.10 E4608	.031	.45		.05 .14	
91.6-940: clots of dis py common, closer to vein pyrite Xstals to 3 mm noted									.056, .52

.073, .21


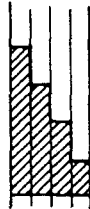
.056, .52

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MINERALS SECTION
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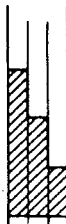
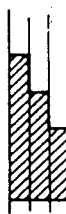
PROJECT TROUTLINE	GROUND ELEV. 1505.910																						
HOLE No. 84-403	BEARING 174°31'28"																						
LOCATION N 3488.760 E 4143.545	DIP -60°12'30"																						
	TOTAL LENGTH 94.49m. 310'																						
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 45.26																						
DATE June 4/84	VERTICAL PROJECT -82.86																						
CONTRACTOR D.J. Drilling	<p align="center">ALTERATION SCALE</p> <p>absent slight moderate intense</p>																						
CORE SIZE BQ																							
DATE STARTED May 28, 1984	<p align="center">TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>																						
DATE COMPLETED May 29, 1984																							
DIP TESTS																							
<table border="1"> <thead> <tr> <th></th> <th>DIP CHANGE</th> <th>actual</th> <th>corrected</th> </tr> </thead> <tbody> <tr> <td>⊙ 200'</td> <td>= 30.48m</td> <td>67.5°</td> <td>59.5°</td> </tr> <tr> <td>⊙ 310'</td> <td>= 62.48m</td> <td>70.6°</td> <td>64.3°</td> </tr> </tbody> </table>		DIP CHANGE	actual	corrected	⊙ 200'	= 30.48m	67.5°	59.5°	⊙ 310'	= 62.48m	70.6°	64.3°											
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COMMENTS HW 76.6m HW elev: 1439.43m	LEGEND																						
<table border="1"> <thead> <tr> <th></th> <th>H</th> <th>V</th> </tr> </thead> <tbody> <tr> <td>0-100 = 30.48 = -30.48 @ 60.2°</td> <td>15.15</td> <td>26.45</td> </tr> <tr> <td>100-255 = 155 = -47.24 @ 59.5°</td> <td>23.98</td> <td>40.70</td> </tr> <tr> <td>255-310 = 55 = -16.77 @ 64.3°</td> <td>7.27</td> <td>15.11</td> </tr> <tr> <td></td> <td>46.4</td> <td>82.26</td> </tr> </tbody> </table> <table> <tr> <td>1505.91</td> </tr> <tr> <td>26.45</td> </tr> <tr> <td>1479.46</td> </tr> <tr> <td>40.70</td> </tr> <tr> <td>1438.76</td> </tr> <tr> <td>15.11</td> </tr> <tr> <td>1423.65</td> </tr> </table>		H	V	0-100 = 30.48 = -30.48 @ 60.2°	15.15	26.45	100-255 = 155 = -47.24 @ 59.5°	23.98	40.70	255-310 = 55 = -16.77 @ 64.3°	7.27	15.11		46.4	82.26	1505.91	26.45	1479.46	40.70	1438.76	15.11	1423.65	<p>DDH 84-403</p> <p>DIST IN SECT FROM VOLLAUG BL. 200 N</p> <p>ONPLAN : VERT : HORZ</p> <p>COLLAR : 0.00 : -95.24 (1.2 WEST OF 649)</p> <p>15.14 : -26.45 : -106.31</p> <p>ON 649 : 0.00 : -106.41</p> <p>31.38 : -54.02 : -122.48</p> <p>TOE : -82.86 : -136.30 (2.8 EAST OF 649)</p> <p>TOTAL HORZ = 45.26</p> <p>TOTAL VERT = -82.86</p>
	H	V																					
0-100 = 30.48 = -30.48 @ 60.2°	15.15	26.45																					
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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-75.7 thin banded black ARGILLITE light gray to jet black; thin banded to massive black; slump features vis in the banded section; minor to mod calc vults and irreg. frac fillings; slight to mod broken core; banding at various angles to CA; occas shows phyllitic surfaces along frac to banding; occas fine py along fract and as small blebs in ass.						
10				0-4.6: 1m of core recovered 15.4: a 10cm massive white dol stringers w/ sm frags argillite @ 70° to CA; underlain by 0.2m of broken core						
10				22.0-22.3: extr. broken core						
10				23.8-24.1: extr. broken core						
15				42.2-42.4: mod. broken core						
15				43.3-43.6: extr broken core						
15				51.2-52.2: extr broken light gray siltstone con w/ bl arg; rounded to subang. frag; sl. foliation						

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PROJECT TROUTLINE	GROUND ELEV. 1508.39																																					
HOLE No. 84-404 S.	BEARING 178°24'13"																																					
LOCATION N 3544.514 E 4139.723	DIP -59°50'24"																																					
	TOTAL LENGTH 112.17m 368'																																					
LOGGED BY J. STEEL	HORIZONTAL PROJECT																																					
DATE 04 JUNE 1984	VERTICAL PROJECT																																					
CONTRACTOR D. S. Drilling	ALTERATION SCALE																																					
CORE SIZE BQ	 <p style="margin-left: 20px;">absent slight moderate intense</p>																																					
DATE STARTED	TOTAL SULPHIDE SCALE																																					
DATE COMPLETED	 <p style="margin-left: 20px;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																																					
DIP CHANGE ACTUAL CORRECTED																																						
DIP TESTS																																						
⊙ 200' = 30.48m	64.5'	57.1'																																				
⊙ 360' = 70.10m	66.8'	59.8'																																				
COMMENTS	LEGEND																																					
	BORE 84-404 TEST IN SECT FROM VOLLAUG BL. 200 N ONPLAN : VERT : HORZ ----- COLLAR : 0.00 : -35.48 (5.2 WEST OF 649) 15.31 : -26.35 : -50.79 36.83 : -59.61 : -72.30 TOE : -95.97 : -93.45 (3.6 WEST OF 649) TOTAL HORZ = 57.99 TOTAL VERT = -95.97																																					
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 20%; text-align: center;">H</th> <th style="width: 20%; text-align: center;">V</th> </tr> </thead> <tbody> <tr> <td>0-100</td> <td style="text-align: center;">0-30.48 = 30.48 @ -59°33'</td> <td style="text-align: center;">15.32 26.35</td> </tr> <tr> <td>100-280</td> <td style="text-align: center;">30.48-85.34 = 54.86 @ 57.1</td> <td style="text-align: center;">29.80 46.06</td> </tr> <tr> <td>280-368</td> <td style="text-align: center;">85.34-112.17 = 26.83 @ 59.8</td> <td style="text-align: center;">13.50 23.19</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">58.62 95.60</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">1508.39</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">26.35</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">1482.04</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">46.06</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">1435.98</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">23.19</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">1412.79</td> </tr> </tbody> </table>		H	V	0-100	0-30.48 = 30.48 @ -59°33'	15.32 26.35	100-280	30.48-85.34 = 54.86 @ 57.1	29.80 46.06	280-368	85.34-112.17 = 26.83 @ 59.8	13.50 23.19			58.62 95.60			1508.39			26.35			1482.04			46.06			1435.98			23.19			1412.79		
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MINERALS SECTION
DRILL LOG


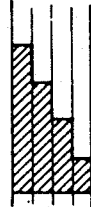
PROJECT Ericksen Troutline	GROUND ELEV. 1512.094m																
HOLE No. 84-405	BEARING 177°57'01"																
LOCATION N 3311.514 E 4071.184	DIP -60°52'19"																
	TOTAL LENGTH 63.40m 208'																
LOGGED BY Dale A. Sketchley	HORIZONTAL PROJECT 31.75m																
DATE June 4/84	VERTICAL PROJECT -54.86m																
CONTRACTOR D. J. Drilling	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="margin-left: 20px;">absent slight moderate intense</p>																
CORE SIZE BQ																	
DATE STARTED June 1/84	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="margin-left: 20px;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																
DATE COMPLETED June 2/84																	
DIP TESTS ⊙ 208' = 31.7m 66.0° 59.0° <i>DIP change actual corrected</i>																	
COMMENTS QU int 20.35m - 20.55m #W @ 1994.34m	LEGEND																
<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th></th> <th>H</th> <th>V</th> </tr> </thead> <tbody> <tr> <td>0-104</td> <td>0-31.70 = -31.70 @ 60.87°</td> <td>15.43</td> <td>27.69</td> </tr> <tr> <td>104-208</td> <td>31.70-63.40 = -31.70 @ 59.0°</td> <td>16.33</td> <td>27.17</td> </tr> <tr> <td></td> <td></td> <td>31.76</td> <td>54.86</td> </tr> </tbody> </table>				H	V	0-104	0-31.70 = -31.70 @ 60.87°	15.43	27.69	104-208	31.70-63.40 = -31.70 @ 59.0°	16.33	27.17			31.76	54.86
		H	V														
0-104	0-31.70 = -31.70 @ 60.87°	15.43	27.69														
104-208	31.70-63.40 = -31.70 @ 59.0°	16.33	27.17														
		31.76	54.86														
<p>1512.09 C 27.69 <hr/>1484.40 D 27.17 <hr/>1457.23 E</p>																	
<p style="text-align: right;">DIST IN SECT FROM VOLLAVG BL. 0 N</p> <p style="text-align: right;">ONPLAN : VERT : HORZ -----:-----:-----</p> <p style="text-align: right;">COLLAR : 0.00: -68.48 (6.1 EAST OF 653)</p> <p style="text-align: right;">9.9HW : -17.77: -78.38 10FW : -17.95: -78.48 15.43 : -27.69: -83.90 TOE : -54.86: -100.22 (7.3 EAST OF 653)</p> <p style="text-align: right;">TOTAL HORZ = 31.75 TOTAL VERT = -54.86</p>																	

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					Ca A	ch B	D C	S D	E	
0		OB		0-2.0 Overburden						
				2.0-20.35 Argillite: Black to grey; well laminated; sometimes sl calcareous & silty, esp. in lighter colored sections; most of section is brxd w/ fragments of above in a black foliated matrix; occasu calcite veinlets cut core, contact w/ list wanite gradational						
-10		Ca/S		20.35-20.55 Volung vein;						
		S		20.55-22.8 Listwanite; most of secth is limonite stained & broken; composed dominantly of bl well foliated rock; adjacent to vein hole an increase in qtz veinlets x-cutting & parallel to foliation, Mikro mawposite in 20cm below vein F.W.; contact w/volc grad.						
-20		sc		22.8-28.6 Volcanic (Massive); l.grn to tan-grey; mod bl crackling; mod dol alt in center w/ sl dol alt on ends; beginning & end limonite stained; 2-1cm veins w/ irregular contacts @ ~ 10° to CA @ 34.7, contact w/ list gradational.						
-30		sc		28.6-41.8 Listwanite: 28.6-29.4: bl; well foliated @ ~ 30-50° to CA, composed of serp? & qtz layers; limonite stained & solution weathering mikro mawposite @ beginning						
410										

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					As o/t	Ag o/t		
20 - 20.35: traces py		0						
20.35 - 20.55: Vollaung vein w/ qtz locally cut by bl graphitic styl. @ steep angle to core, x-cut by clear qtz hair line fract @ shallow angle to core; some flooding w/ clear qtz give core a mottled appearance locally; first 5cm is broken,		20.35- 20.55	0.2	D7865	.664 .601	.24 .24		min. Eng. Lab.
		10						
		20						
24.0 - 26.30: heavily py- ritized as x-cutting layers & patchy dissemin; all f.g.; up to 5% py.		24.0- 25.1 25.1- 26.3		1.1 D7867 1.2 D7868	.003 tr tr .001	.01 .02 .07 .01		
		30						
		40						

DI (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					Ca A	Ch B	D C	S D	E	
60		SD	R	mod dol. ait, 48.4 - 50.1 - mod to strong clay ait; core is soft & pulchy, 50.1 - 53.0 - heavily limonite stained, entire section shows sl crackling, calcite veins locally common.				///		///
		EOH		56.9-63.4 Chert: grey w/ lgn Sects commonly cracked, mud laminae common @ 40-60° to CA, limonite stained, 56.9 - 59.4 core is very broken, chert is mod to int cracked						
-65				EOH						

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MINERALS SECTION
DRILL LOG

PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1509.658																
HOLE No. 84-406	BEARING 173° 38' 29"																
LOCATION N 3323.846 E 4118.098	DIP - 57° 43' 31"																
	TOTAL LENGTH 74.07m 243'																
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 37.34m																
DATE June 5, 1984	VERTICAL PROJECT -63.93m																
CONTRACTOR D.J. Drilling	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="text-align: center;">absent slight moderate intense</p>																
CORE SIZE BQ																	
DATE STARTED June 2, 1984	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="text-align: center;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																
DATE COMPLETED June 3, 1984																	
DIP TESTS																	
DIP CHANGE @ ACTUAL Corrected																	
@ 200' 30.48m 68.0° 61.1°																	
COMMENTS	<p>LEGEND</p> <p>DD-3 84-406</p> <p>DIST IN SECT FROM VOLLAUG BL. 0 N</p> <p>ONPLAN : VERT : HORZ -----:-----:-----</p> <p>COLLAR : 0.00: -56.15 (6.9 WEST OF 650)</p> <p>7.31HW : -11.58: -63.42</p> <p>8.16FW : -12.93: -64.27</p> <p>16.27 : -25.77: -72.32</p> <p>TOE : -63.93: -93.26 (2.7 WEST OF 650)</p> <p>TOTAL HORZ = 37.34</p> <p>TOTAL VERT = -63.93</p>																
<p>QV int</p> <p>HW 13.7m</p> <p>FW 15.3m</p> <p>HW elev = 1496.08m</p> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">H</td> <td style="text-align: center;">V</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">0-100</td> <td style="padding: 5px;">0-30.48 = 30.48 @ 57.72°</td> <td style="padding: 5px;">16.28 25.77</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 5px;">100-243</td> <td style="padding: 5px;">30.48-74.07 = 43.59 @ 61.1</td> <td style="padding: 5px;">21.07 38.16</td> </tr> <tr> <td></td> <td style="padding: 5px;">37.35</td> <td style="padding: 5px;">63.93</td> </tr> </table> <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1509.658</td> </tr> <tr> <td style="padding: 5px;">25.77</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 5px;">1483.89</td> </tr> <tr> <td style="padding: 5px;">38.16</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 5px;">1445.73</td> </tr> </table>			H	V	0-100	0-30.48 = 30.48 @ 57.72°	16.28 25.77	100-243	30.48-74.07 = 43.59 @ 61.1	21.07 38.16		37.35	63.93	1509.658	25.77	1483.89	38.16
	H	V															
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	37.35	63.93															
1509.658																	
25.77																	
1483.89																	
38.16																	
1445.73																	

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	EP B	CI C	D D	U E		
0-13.7				ARGILLITE (50d/50b) 0-5.2: only 0.3m of core recovered 0-13.7: very broken core, only 5.9m of core recovered; dark grey to black argillite + gr. siltstone; mod calc as units to 4m @ 40% CA; minor py towards bottom of sect. mod. sil							
13.7-15.3				VOLLAUG VEIN; only 0.3m of core recovered							
15.3-19.2				LISTWANITE (7c) 15.3-15.8: bl + grey foliated; highly fract. + recem w/ sil, dol; py + calc shears to 3mm or 11 to CA; mod py along frac; wuggy in places w/ red dol xtls to 5mm; mod sil 15.8-16.8: as above but less fract and corresp. less sil + dol 16.8-17.7: as above but leached and rusty colored; rock is more porous due to loss of carb, mod sil 17.7-18.1: leached and porous but w/ yel/white altn to talc; mod talc, mod sil 18.1-19.2: bl-grey stained list; mod sil; mod dol along fract							

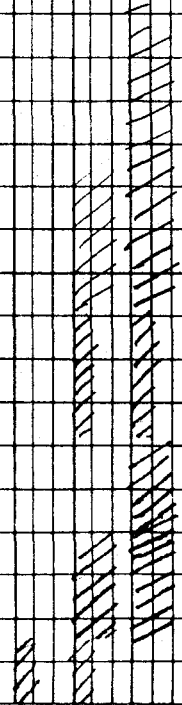
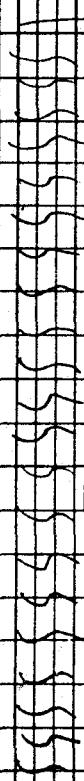
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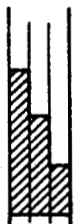

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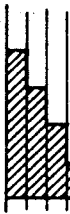
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%		COMPOSITE ASSAYS
					Au %+	Ag %+	
15.0-15.3: highly fine grained vein; prob loss of core; cut by fine calc and graphitic v. also fine stylolites to 1mm wide; ext. sil; ext. gr; mod PY along fr frags. of bl foliated listwanite vein contacts not apparent; HW ~ 13.7m; FW ~ 15.3m			0.3	D7930	.520	.26	} .195/.23E
					.332	.20	
15.3-15.8: bl. foliated listwanite; lightly fractured and cemented w/ sil; PY + calc silcs to 3mm or // to C/A; mod PY along frac; wavy in places w/ red dol xths to 5mm ext sil; ext. dol; mod mp			0.5	D7931	Tr	.22	
					.001	.01	Min-En Lab

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG


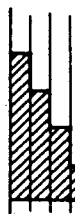
PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1485.181 m															
HOLE No. 84-412	BEARING 170° 16' 48"															
LOCATION N 3474.118 E. 4595.460	DIP -60.0° (Brunton)															
	TOTAL LENGTH 84.12 m (276')															
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 41.49 m															
DATE June 12, 1984	VERTICAL PROJECT 73.17 m															
CONTRACTOR D.J. Drilling	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense 															
CORE SIZE BQ																
DATE STARTED June 9, 1984	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10% 															
DATE COMPLETED June 10, 1984 Dip Change Actual Corr.																
DIP TESTS @ 200' = 3048 m -67.7° -60.7°																
COMMENTS Intersection @ 61.8-53.1 m elev. = 1440.2 m	LEGEND DDH# 84-412 DIST IN SECT FROM VOLLAUG BL. 0 N ONPLAN : VERT : HORZ -----:-----:----- COLLAR : 0.00: 94.11 (9.5 WEST OF 626) 15.24 : -26.39: 79.09 25.67HW : -44.98: 68.81 26.3FW : -46.12: 68.18 TOE : -73.17: 53.22 (2.5 WEST OF 626) TOTAL HORZ = 41.49 TOTAL VERT = -73.17															
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 30%;"></th> <th style="width: 10%; text-align: center;">H</th> <th style="width: 10%; text-align: center;">V</th> </tr> </thead> <tbody> <tr> <td>0-100</td> <td>0-30.48 = 30.48 @ -60</td> <td style="text-align: center;">15.24</td> <td style="text-align: center;">26.40</td> </tr> <tr> <td>100-276</td> <td>30.48-84.12 = 53.64 @ -60.7</td> <td style="text-align: center;">26.25</td> <td style="text-align: center;">46.78</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">41.49</td> <td style="text-align: center;">73.18</td> </tr> </tbody> </table> <div style="display: flex; justify-content: space-between;"> <div style="text-align: left;"> <p>1485.18 26.40 <hr/>1458.78 46.78 <hr/>1412.00</p> </div> <div style="text-align: center;"> <p>15.24</p> </div> </div>			H	V	0-100	0-30.48 = 30.48 @ -60	15.24	26.40	100-276	30.48-84.12 = 53.64 @ -60.7	26.25	46.78			41.49	73.18
		H	V													
0-100	0-30.48 = 30.48 @ -60	15.24	26.40													
100-276	30.48-84.12 = 53.64 @ -60.7	26.25	46.78													
		41.49	73.18													

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au g/t	Ag g/t		
51.7-52.7: wite to grey qtz; brecciated and sheared in schis; qtz assoc. w/ sheared schis; breccias com. w/ grey sil; occas. gr. stylonites but usually splintered by shearing; 2% PY blebs to 1mm diam w/ gr. stylonites and occas clean host. in qtz; HW contact sheared and brecciated w/ dark grey to black argillite (listwanite?) ; approx. 0.1m at top of schis is argillite.			1.0	DTT10	.031 .026	.05 .01		.0248, .067
52.7-534: wite to grey qtz; brecciation + shearing most intense towards top; sil. PY (2%) assoc w/ shearing approx last 0.2m of schis is sheared qtz and list; dark grey to blk foliated listwanite; mod dol, sil.			.7	DTT71	.016 .04	.09 .012		

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MINERALS SECTION
DRILL LOG

PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1487.019																														
HOLE No. 84-413	BEARING 175 42 17																														
LOCATION N 3442.761 E 4555.524	DIP -59 20 01																														
	TOTAL LENGTH 197' (60.05m)																														
LOGGED BY J. STEEL	HORIZONTAL PROJECT 29.09																														
DATE 12 JUNE	VERTICAL PROJECT -52.48																														
CONTRACTOR DJ DRILLING	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="text-align: center;">absent slight moderate intense</p>																														
CORE SIZE BQ																															
DATE STARTED 11 JUNE	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="text-align: center;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																														
DATE COMPLETED 11 JUNE																															
DIP TESTS DIP CHANGE ACTUAL CORR. @ 197' = 30.0 m 69.6° -63°																															
COMMENTS Intersection @ 1447.57m elev 45.42 m - 45.72m Intersection is simply a few barren gtz units and fragments in an mt ch alt matrix where the volang is supposed to occur.	LEGEND																														
	<p style="text-align: center;">DDH# 84-413</p> <p style="text-align: center;">DIST IN SECT FROM VOLLAUG BL. 0 N</p> <p style="text-align: center;">ONPLAN : VERT : HORZ -----:-----:-----</p> <p style="text-align: center;">COLLAR : 0.00: 62.76 (9.4 WEST OF 628)</p> <p style="text-align: center;">15.45 : -25.71: 47.35 22.45HW : -39.45: 40.37 22.58FW : -39.72: 40.23 TOE : -52.48: 33.74 (7.2 WEST OF 628)</p> <p style="text-align: center;">TOTAL HORZ = 29.09 TOTAL VERT = -52.48</p>																														
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 15%;"></th> <th style="width: 15%; text-align: center;">H</th> <th style="width: 15%; text-align: center;">V</th> </tr> </thead> <tbody> <tr> <td>0-98.5 =</td> <td>0-30.02 = -30.02 @ -59.33°</td> <td></td> <td style="text-align: center;">15.31</td> <td style="text-align: center;">25.82</td> </tr> <tr> <td>98.5-197</td> <td>30.02-60.05 = -30.03 @ -63°</td> <td></td> <td style="text-align: center;">13.63</td> <td style="text-align: center;">26.76</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;">28.94</td> <td style="text-align: center;">52.48</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">1487.02</td> <td></td> </tr> <tr> <td style="text-align: right;">25.82</td> <td></td> </tr> <tr> <td style="text-align: right;">1461.20</td> <td></td> </tr> <tr> <td style="text-align: right;">26.76</td> <td></td> </tr> <tr> <td style="text-align: right; border-top: 1px solid black;">1434.44</td> <td></td> </tr> </table>				H	V	0-98.5 =	0-30.02 = -30.02 @ -59.33°		15.31	25.82	98.5-197	30.02-60.05 = -30.03 @ -63°		13.63	26.76				28.94	52.48	1487.02		25.82		1461.20		26.76		1434.44		
			H	V																											
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98.5-197	30.02-60.05 = -30.03 @ -63°		13.63	26.76																											
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25.82																															
1461.20																															
26.76																															
1434.44																															

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1490.207																														
HOLE No. 84-414	BEARING 180° 00' 38"																														
LOCATION 3468.876 4815.039	DIP -59° 42' 20" (Brunton 59° 00')																														
	TOTAL LENGTH 64.6m																														
LOGGED BY J. STEEL	HORIZONTAL PROJECT 32.34																														
DATE 13 JUNE	VERTICAL PROJECT -55.91																														
CONTRACTOR DJ DRILLING	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="margin-left: 20px;">absent slight moderate intense</p>																														
CORE SIZE BQ																															
DATE STARTED	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="margin-left: 20px;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																														
DATE COMPLETED																															
DIP TESTS ① 200 = Dip change = 30.48 211.9 Actual 67.75° Dev 60.8°																															
COMMENTS HW = 55.2 ① 1442.51 m dev. FW = 56.3	LEGEND																														
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">H</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">V</td> <td style="width: 30%;"></td> </tr> <tr> <td>0-100</td> <td>0-30.48</td> <td>-30.48 @ 59°</td> <td>15.70</td> <td>26.13</td> </tr> <tr> <td>100-211.9</td> <td>30.48-64.59</td> <td>-34.11 @ 60.8°</td> <td>16.64</td> <td>29.78</td> </tr> <tr> <td></td> <td></td> <td></td> <td>32.34</td> <td>55.91</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1490.21</td> <td style="width: 50%;"></td> </tr> <tr> <td>26.13</td> <td></td> </tr> <tr> <td style="border-top: 1px solid black;">1464.08</td> <td></td> </tr> <tr> <td>29.78</td> <td></td> </tr> <tr> <td style="border-top: 1px solid black;">1434.3</td> <td></td> </tr> </table>		H		V		0-100	0-30.48	-30.48 @ 59°	15.70	26.13	100-211.9	30.48-64.59	-34.11 @ 60.8°	16.64	29.78				32.34	55.91	1490.21		26.13		1464.08		29.78		1434.3		<p>DDH# 84-414</p> <p>DIST IN SECT FROM VOLLAUG BL. 0 N</p> <p>ONPLAN : VERT : HORZ -----:-----:-----</p> <p>COLLAR : 0.00: 88.87 (9.9 WEST OF 630)</p> <p>15.69 : -26.12: 73.17</p> <p>27.75HW : -47.70: 61.11</p> <p>28.29FW : -48.66: 60.58</p> <p>TOE : -55.91: 56.53 (9.9 WEST OF 630)</p> <p>TOTAL HORZ = 32.34</p> <p>TOTAL VERT = -55.91</p>
	H		V																												
0-100	0-30.48	-30.48 @ 59°	15.70	26.13																											
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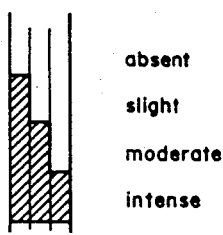
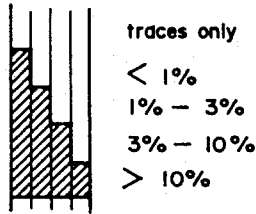
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	Ep B	Ch C	D D	S E		
0				0- ARGILLITE: Colour jet black => light grey. Well foliated => primary. So; alternating light & dk bands of vary. ing thicknesses. So disrupted by shearing & minor faults. Core frequently cut by calc vults ($\leq 1\text{cm}$ wide) that are ~ 20 ^o -35 ^o to CA. Vults sometimes ben or bondmaged. Few qSTR ($\leq 7\text{cm}$ wide) \perp CA. X ₂ So present. Few areas of ben core = fault to be described. Ta may be present.							
-15				19.6-22.6 Zone of mod calc larg calcite repairs arg scatt. thru' this interval. On fts - v. soft, yellow coating, does not respond to HCl, although is assoc. w/ calcite. Ben core here, but appears leached rather than faulted							
-20				22.6-28.0 Arg. as previously described (overall description)							
-30				28-29.3 Massive siltstone - very well indurated - not laminated, has greenish tinged calc on fts. Rock is vfg.							
-35				35.1-35.3 Fault - v. ben core							
-40				39.9-41.6 Massive siltstone as previously described.							

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	Ep B	CH C	D D	S E		
0				0-58.7 ARGILLITE (cont'd)							
				39.9-41.6 Lst sltstone (cont'd)							
				44.6-44.8 Moderately blk core							
				45.7-46.0 Blk core							
				46.4-46.8 Blk core							
-50											
				55.3-55.5 QSTR zone 30% Q							
				70% Arg - arg str in qtzose arg - (not pure mgt qtz) qtz is unmineralized							
				55.5-56.2 VOLCANIC VEIN							
				56.2-56.5 FW QSTR zone							
				56.5-58.7 Argillite - not bedded, but slightly lam. w/ parallel calc layers. In some cases elongate - angular shaped - probably sheared. Inclusions at top of interval to med calc amt, scatt. at all 4's to CA. Sharp FW contact w/ succeeding unit. Could also be a LST I haven't seen before.							
60				58.7-59.8 VOLCANIC FLOW. Lt green & white spots over a cracked (mol)							

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	Ep B	CH C	D D	S E		
60		Fla		58.7-59.8 VOLC FLOW (cont'd)							
				with g (around crackle frags). Contains 4/9 py in fcls.							
				59.8-63.0 Intensely sil volc or ent. 4/9 grn - blue chky rock, mod crackle w/ layers that look like volc (remnant)							
				63.0-64.6 Int D alt of presumably volc-mss, structureless, mg, equigran- ular. Color grn ish-grn. Chkd. spots on fcls. Rock overall v. soft							
				64.6 EOH							

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG



634

PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1491.390m
HOLE No. 84-415	BEARING 179°46'28"
LOCATION N 3459.971 E 4434.599	DIP -60°39'46" Brunton 59°01'
LOGGED BY L. Westervelt	TOTAL LENGTH 48.16m
DATE June 15, 1984	HORIZONTAL PROJECT 25.26
CONTRACTOR D J Drilling	VERTICAL PROJECT 40.99
CORE SIZE BQ	ALTERATION SCALE
DATE STARTED	
DATE COMPLETED	TOTAL SULPHIDE SCALE
DIP TESTS DIP CHANGE ACTUAL CORN @ 158' = 24.08m 65.0° 57.7°	
COMMENTS HW = 41.65m @ 1455.81m FW = 42.15m 90% of core lost in vicinity of vein. (Probably not vein.) $\begin{array}{r} 1491.39 \\ 20.64 \\ \hline 1470.75 \\ 20.35 \\ \hline 1450.40 \end{array}$ 21.78 HW -35.49' →	LEGEND DJH# 84-4158 DIST IN SECT FROM VOLLAUG BL. 0 N ONPLAN : VERT : HORZ ----- COLLAR : 0.00: 79.97 (9.5 EAST OF 635) X-SEC : 0.00: 75.58 12.39 : -20.64: 67.62 21.84HW : -35.58: 58.21 22.05FW : -35.91: 58.01 TOE : -40.99: 54.81 (8.1 WEST OF 634.) TOTAL HORZ = 25.26 TOTAL VERT = -40.99
0-79 0-24.08 = -24.08 @ -59.02° 12.39 20.64 79-158 24.08-48.16 = -24.08 @ 57.7° 12.87 20.35 25.26 40.99	

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au o/t	Ag o/t		
41.65-42.15: wlt qtz cut by freq. fine gr. fract, stann and occur. stibnite; few irreg dol vults; occas rusty patches; incr. gr. content near FW HW; HW contact not vis; FW contact gradational or intersteered w/ listwanite; mod py near HW in fract; sl. py throughout				0.5 D7774	.030	.29		
42.15-426: Fresh grey list w/ irreg. dol/oil fillings; minor py				0.4 D7775	tr	.10		

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

625

PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1482.984																																		
HOLE No. 84-416	BEARING 177° 38' 44"																																		
LOCATION N 3572.936 E 4630.296	DIP -59° 15' (Bourton)																																		
	TOTAL LENGTH 108.20m (355')																																		
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 50.86																																		
DATE June 15, 1984	VERTICAL PROJECT -95.39																																		
CONTRACTOR D.J. Drilling	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense 																																		
CORE SIZE BQ																																			
DATE STARTED	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10% 																																		
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COMMENTS intersection @ 101.0 - 101.5m @ 1394.13m elev.	LEGEND DDH# 84-416 DIST IN SECT FROM VOLLAU 3L. 200 N ONPLAN : VERT : HORZ -----:-----:----- COLLAR : 0.00 : -7.06 (5.2 EAST OF 625) 20.8 : -34.96 : -27.85 36.65 : -64.77 : -43.68 47.83HW : -88.85 : -54.85 48.04FW : -89.31 : -55.06 TOE : -95.39 : -57.88 (7.3 EAST OF 625) TOTAL HORZ = 50.86 TOTAL VERT = -95.39																																		
		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">H</td> <td style="width: 10%; text-align: center;">V</td> </tr> <tr> <td>0-133.5</td> <td style="text-align: center;">20.80</td> <td style="text-align: center;">34.97</td> </tr> <tr> <td>133.5-311</td> <td style="text-align: center;">25.40</td> <td style="text-align: center;">47.77</td> </tr> <tr> <td>311-355</td> <td style="text-align: center;">5.65</td> <td style="text-align: center;">12.16</td> </tr> <tr> <td></td> <td style="text-align: center;">51.85</td> <td style="text-align: center;">94.90</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">1482.98</td> <td></td> </tr> <tr> <td style="text-align: right;">34.97</td> <td></td> </tr> <tr> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td style="text-align: right;">1448.01</td> <td></td> </tr> <tr> <td style="text-align: right;">47.77</td> <td></td> </tr> <tr> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td style="text-align: right;">1400.24</td> <td></td> </tr> <tr> <td style="text-align: right;">12.16</td> <td></td> </tr> <tr> <td style="text-align: right;">-----</td> <td></td> </tr> <tr> <td style="text-align: right;">1388.08</td> <td></td> </tr> </table>		H	V	0-133.5	20.80	34.97	133.5-311	25.40	47.77	311-355	5.65	12.16		51.85	94.90	1482.98		34.97		-----		1448.01		47.77		-----		1400.24		12.16		-----	
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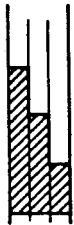
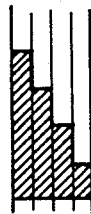
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12.16																																			

1388.08																																			

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	D B	O C	D D	S E		
0				0-99.0 interbedded ARGILLITE and SILTSTONE dark grey to black arg. and light grey silts; mod to ext competent core; few sets exhib. irreg. fracturing; slumping common vis. in silts. layers; local coarse texture in silts.; short set of med. gr. undeformed grey wacke; dol/sil filling of irreg. fract common; occas. breccia zones con w/ gr/sil; minor Py as sh. cubes and 2mm blebs; mod sil.							
25				0-5.2: 0.4m core recovered 45.9-46.7: mod broken core							
30				74.7-79.5: mod Py as 2-3mm cubes and blebs scattered in the siltstone							
35				94.3-99.0: incr. fract + brecciation caused greater dol/sil infilling; degree of shearing and resulting foliation incr. to base of sectn; mod sil, mod dol							
40				99.0-101.0 sheared and foliated black LISTWANITE							
45				99.0-100.1: foliated black w/ fine. qtz/dol layers; also occas. dol/sil veins to 4mm cross-cut foliat @ 30° TCA; sl. py along fract.							
50				100.1-101.0: intensely sheared list. interbedded w/ ~50% qtz/dol; foliation less definite some qtz contains gr. stylolites.							

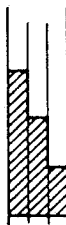

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au	% Ag	%		COMPOSITE ASSAYS
101.0-101.5: white qtz cut by gr. staves, fine fract and stylolite; 700 gts / 320 gr at top 0.25m; ~99% gts w/ minor gr. fract + stylolites at base of sectn; sl. Py along fract.			0.5	D7876	.262	.14			
101.5-101.9: interbedded qtz and lot of FW.			0.4	D7877	tr	.03			
103.4-104.4: sil and Py altered dyke			1.0	D7878	tr	.05			
104.4-105.1: sil and Py altered dyke			0.7	D7879	tr	.02			

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1484.040m																																		
HOLE No. 84-417	BEARING 175°02'06"																																		
LOCATION N 3564.983 E 4590.206	DIP 61°30' Brunton																																		
	TOTAL LENGTH 107.59m 353'																																		
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 52.45																																		
DATE June 18, 1984	VERTICAL PROJECT 93.92																																		
CONTRACTOR D J Drilling	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="margin-left: 20px;">absent slight moderate intense</p>																																		
CORE SIZE BQ																																			
DATE STARTED June 16, 1984	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="margin-left: 20px;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																																		
DATE COMPLETED June 17, 1984																																			
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">DIP CHANGE</th> <th style="width: 30%;">ACTUAL</th> <th style="width: 30%;">CORRECTED</th> </tr> </thead> <tbody> <tr> <td>② 200' = 30.48m</td> <td>-67.0°</td> <td>-60.0°</td> </tr> <tr> <td>② 353' = 69.03m</td> <td>-68.0°</td> <td>-61.1°</td> </tr> </tbody> </table>	DIP CHANGE	ACTUAL	CORRECTED	② 200' = 30.48m	-67.0°	-60.0°	② 353' = 69.03m	-68.0°	-61.1°																										
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<p>COMMENTS</p> <p>HW 97.8m @ 1398.69m elev. FW 98.1m</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 15%;"></th> <th style="width: 35%;"></th> <th style="width: 15%; text-align: center;">H</th> <th style="width: 35%; text-align: center;">V</th> </tr> </thead> <tbody> <tr> <td>0-100</td> <td>0-30.48 = 30.48 @ 61.5°</td> <td style="text-align: center;">14.54</td> <td style="text-align: center;">26.79</td> </tr> <tr> <td>100-276.5</td> <td>30.48-84.28 = 53.80 @ 60°</td> <td style="text-align: center;">26.90</td> <td style="text-align: center;">46.59</td> </tr> <tr> <td>276.5-353</td> <td>84.28-107.59 = 23.31 @ 61.1°</td> <td style="text-align: center;">11.27</td> <td style="text-align: center;">20.41</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center; border-top: 1px solid black;">52.71</td> <td style="text-align: center; border-top: 1px solid black;">93.79</td> </tr> </tbody> </table> <div style="margin-top: 20px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: right;">1484.04</td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: right;">26.79</td> <td></td> </tr> <tr> <td style="border-top: 1px solid black; text-align: right;">1457.25</td> <td></td> </tr> <tr> <td style="text-align: right;">46.59</td> <td></td> </tr> <tr> <td style="border-top: 1px solid black; text-align: right;">1410.66</td> <td></td> </tr> <tr> <td style="text-align: right;">20.41</td> <td></td> </tr> <tr> <td style="border-top: 1px solid black; text-align: right;">1390.25</td> <td></td> </tr> </table> </div>			H	V	0-100	0-30.48 = 30.48 @ 61.5°	14.54	26.79	100-276.5	30.48-84.28 = 53.80 @ 60°	26.90	46.59	276.5-353	84.28-107.59 = 23.31 @ 61.1°	11.27	20.41			52.71	93.79	1484.04		26.79		1457.25		46.59		1410.66		20.41		1390.25		<p>LEGEND</p> <p>DDH# 84-417</p> <p>DIST IN SECT FROM VOLLAUG BL. 200 N</p> <p>ONPLAN : VERT : HORZ</p> <p>-----:-----:-----</p> <p>COLLAR : 0.00: -15.01 (5.2 EAST OF 627)</p> <p>14.54 : -26.78: -29.50</p> <p>33.81 : -60.17: -48.70</p> <p>47.72HW : -85.35: -62.56</p> <p>47.86FW : -85.62: -62.70</p> <p>10E : -93.92: -67.27 (9.7 EAST OF 627)</p> <p>TOTAL HORZ = 52.45</p> <p>TOTAL VERT = -93.92</p>
		H	V																																
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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G	
					C A	F B	CH C	D D	S E			
0				0-97.8 ARGILLITE and SILTSTONE w/ stns of finely laminated GREY WACKE								
15		50% / 50% / 50%		finely laminated siltstone interlay w/ stns of dark massive argillite; bedding in siltstone often disrupted by slumping or shearing which fractures or brecciates rock; the breccia zones have dark gr/sil. matrix; bedding @ various orientations; occas. fract zones con. w/ sil + dol; greywacke stns exhibit undisturbed or gently contorted wavy bedding.								
				0-5.2: only 1/2 m of core recovered								
20				20.3-21.5: med. broken core								
		10%		56.2-58.0: med. gr LAMP. DYKE; drk grn/bm; plag. plenas to 1mm; biot < 1mm; smooth HW contact @ 10° TCA; smooth FW contact @ 20° TCA; sub-parallel to local shearing; chilled margins								
75				92.0-97.5: shearing increases to base of rock; dol/sil fract filling common; minor Py/cuber and cherts to 3mm								
				97.5-97.8: interstratified qtz and argillite; mod dol; mod gr along shears								
80												

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

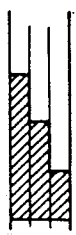
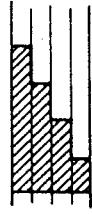
PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1486.768
HOLE No. 84-418	BEARING 180° 24' 54"
LOCATION N 3576.304 E 4548.776	DIP (Brunton) 58° 50' - 58° 46' 57"
	TOTAL LENGTH 108.51m (356')
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 52.67
DATE June 19, 1984	VERTICAL PROJECT 94.83
CONTRACTOR D.J. Drilling	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="margin-left: 20px;">absent slight moderate intense</p>
CORE SIZE BQ	
DATE STARTED June 18/84	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="margin-left: 20px;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>
DATE COMPLETED June 19/84	
DIP TESTS	
DIP CHANGE ACTUAL CORR	
@ 250' = 38.1m 68.8° 62.1°	
COMMENTS intersection @ 105.6-105.8m HW = 1394.52m	LEGEND
	DD-1 84-418
	DIST IN SECT FROM VOLLAU BL. 200 N
	ONPLAN : VERT : HORZ
	-----:-----:-----
	COLLAR : 0.00: -3.69 (3.7 EAST OF 629)
	19.71 : -32.60: -23.41
	51.3HW : -92.25: -54.99
	51.39FW : -92.43: -55.09
	TOE : -94.82: -56.35 (3.3 EAST OF 629)
	TOTAL HORZ = 52.66
	TOTAL VERT = -94.82

		H	V
0-125	0-38.10 = -38.10 @ 58.83°	19.72	32.60
125-356	38.10-108.51 = -70.41 @ 62.1°	32.95	62.23
		52.67	94.83

1486.77
32.60
1454.17
62.23
1391.94

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	EP B	CH C	D D	S E		
0				0-102.9 SILTSTONE interbedded layers of dark and light grey; fine to v. fine gr. layers often disrupted by shearing or brecciation, breccia matrix usually f. gr. and dark; later fractures filled by white dol; fine dol frinet fillings common; occas PY as 2-5mm blebs or 1mm cubes; few short strus of core exhibit good graded bedding, cross-bedding and are not as disrupted							
10				0-7.3: only 0.3m of core recovered 43.9-44.1: mod. broken core							
10				61.1-61.2: mod broken rock; recem w/ wlt + ggy sil/dol, colliform growth; minor PY 61.2-61.3: mod broken core							
10				65.0-66.6: LAMPROPHYRE DYKE olive to dk grn; f. gr. matrix w/ 1mm plag. phenos and rim sized biotite; HW contact in broken core; FW contact exhibits chilled margin @ 25° TCA							
30				74.4-82.3: mod to extr. broken core 86.6-88.9: mod broken core							

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG



PROJECT ERICKSON TROUTLINE	GROUND ELEV. 1488.513																																		
HOLE No. 84-419	BEARING 174° 40' 20"																																		
LOCATION N 3630.465 E 4529.944	DIP -58° 23' 01" (Brunton) (-58.0°)																																		
	TOTAL LENGTH 142.04m (466')																																		
LOGGED BY L. Westervelt	HORIZONTAL PROJECT 66.97																																		
DATE June 21, 1984	VERTICAL PROJECT 125.15																																		
CONTRACTOR D.J. Drilling	<p style="text-align: center;">ALTERATION SCALE</p>  <p style="margin-left: 20px;">absent slight moderate intense</p>																																		
CORE SIZE BQ																																			
DATE STARTED June 20/84	<p style="text-align: center;">TOTAL SULPHIDE SCALE</p>  <p style="margin-left: 20px;">traces only < 1% 1% - 3% 3% - 10% > 10%</p>																																		
DATE COMPLETED June 21/84																																			
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COMMENTS <p style="text-align: center;">Intersection @ 133.9 - 134.15m at 1370.57m elev.</p> <table style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th></th> <th style="text-align: center;">H</th> <th style="text-align: center;">V</th> </tr> </thead> <tbody> <tr> <td>0-100</td> <td>0-30.48 = 30.48 @ -58.38°</td> <td style="text-align: center;">15.93</td> <td style="text-align: center;">25.99</td> </tr> <tr> <td>100-333</td> <td>30.48-101.50 = 71.02 @ 63.4°</td> <td style="text-align: center;">32.24</td> <td style="text-align: center;">63.28</td> </tr> <tr> <td>333-466</td> <td>101.50-142.04 = 40.54 @ 62.4°</td> <td style="text-align: center;">19.03</td> <td style="text-align: center;">35.79</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">67.20</td> <td style="text-align: center;">125.06</td> </tr> </tbody> </table> <table style="width: 100%; margin-top: 10px;"> <tr> <td style="text-align: right;">1488.51</td> <td></td> </tr> <tr> <td style="text-align: right;">25.99</td> <td></td> </tr> <tr> <td style="text-align: right;">1462.52</td> <td></td> </tr> <tr> <td style="text-align: right;">63.28</td> <td></td> </tr> <tr> <td style="text-align: right;">1399.24</td> <td></td> </tr> <tr> <td style="text-align: right;">35.79</td> <td></td> </tr> <tr> <td style="text-align: right; border-top: 1px solid black;">1363.45</td> <td></td> </tr> </table>			H	V	0-100	0-30.48 = 30.48 @ -58.38°	15.93	25.99	100-333	30.48-101.50 = 71.02 @ 63.4°	32.24	63.28	333-466	101.50-142.04 = 40.54 @ 62.4°	19.03	35.79			67.20	125.06	1488.51		25.99		1462.52		63.28		1399.24		35.79		1363.45		<p>LEGEND</p> <p>DDH# 84-419</p> <p>DIST IN SECT FROM VOLLAU 3L. 200 N</p> <p>ONPLAN : VERT : HORZ -----:-----:-----</p> <p>COLLAR : 0.00: 50.46 (4.9 EAST OF 630)</p> <p>16.15 : -25.84: 34.38 41.12 : -75.72: 9.51 X-SEC : 0.00: -3.75 63.19HW : -117.94: -12.46 63.31FW : -118.16: -12.57 TOE : -125.15: -16.21 (8.8 WEST OF 629)</p> <p>TOTAL HORZ = 66.97 TOTAL VERT = 125.15</p>
		H	V																																
0-100	0-30.48 = 30.48 @ -58.38°	15.93	25.99																																
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DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	Ep B	Ch C	D D	S E		
80				72.6-133.9 SILTSTONE and ARGILLITE (cont) descr. as last silts/arg sequence							
				75.6-76.2: extr. broken core							
				80.9-81.2: mod broken core							
				130.4-130.8: mod broken core							
10				133.5-133.9: sheared and brecc. arg. and qtz; inc. fol. to base of sectn; mod gr./dol along shears							
				133.9-134.15 VOLLAVG VEIN							
20				134.15-138.2 sheared blk LISTWANITE							
				134.15-134.5: foliated list. w/ mod sil incl. in folia							
				134.5-135.7: sl. ch; steeping after irreg; folia cut by fine dol. v. ltr, sl. up blebs to 2mm							
30				135.7-136.5: blk w/ buff speckles dol. spots after obliterate folia; mod gr. along shears. mod dol as fract fillings; mod Py as 3mm blebs; mod AP.							
				136.5-138.2: as above but w/ sl. Py							
40											

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					As (%T)	Ag (%T)		
133.5-133.9: sheared qtz/arg minor PY				0.4 DPA3	.021	.03		
133.9-134.15: white qtz cut by numerous gr. shears, fault and stylolites, minor diss. PY assoc. w/ gr. shears; mod dol. vults.				0.25 DPA4	.076	.05		
134.15-134.5: foliated list w/ mod qtz along folia; minor PY				0.35 DPA5	.022	.06		
135.7-136.5: fol. list; mod dol + PY as blebs to 3mm; mod MR				0.8 DPA6	.019	.018		

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	G
					C A	F B	Q C	D D	S E		
40				138.2-142.04 altered VOLCANIC							
				138.2-139.3: sheared and brecciated pale green to buff VOLC int. CB; sl. gr; dol, chl; few f. dol vults to 1mm							
				139.3-140.0: pale green to grey; f. gr; sl. CB, chl, dol; locally mottled w/ dol blebs; few fine gr. fract.							
				140.0-142.04 grey cherty VOLC; sl. CB, int S; interstard w/ green volc, mod gr. along shears							
				142.04 End of HOLE							

AJM EXPLORATIONS LTD.
MINERALS SECTION
DRILL LOG

PROJECT Emckson	GROUND ELEV. 1516.359
HOLE No. 84-420	BEARING 180° 18' 23"
LOCATION N 3279.459 E 4156.808	DIP -57° 39' 40" Bvnton 58° 15"
LOGGED BY Dale A. Storchay	TOTAL LENGTH 28.04m 12
DATE June 26/84	HORIZONTAL PROJECT 14.75
CONTRACTOR D. J. Drilling	VERTICAL PROJECT 23.84
CORE SIZE BQ	ALTERATION SCALE  <ul style="list-style-type: none"> absent slight moderate intense
DATE STARTED June 22/84	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED June 23/84	LEGEND DDH# 84-420 DIST IN SECT FROM VOLLAUG BL. 200 S ONPLAN : VERT : HORZ -----:-----:----- COLLAR : 0.00: 99.45 (8.1 WEST OF 648) 10.26HW : -16.58: 89.19 10.52FW : -17.00: 88.93 TOE : -23.84: 84.70 (8.2 WEST OF 648) TOTAL HORZ = 14.75 TOTAL VERT = -23.84 ***UNPLUG ME*** ***UNPLUG ME***
DIP TESTS None	
COMMENTS HW = 19.5m @ 1499.78m F ₁₀ = 20.9m <div style="text-align: center;"> 1516.36 14.75 ----- 1501.61 </div>	

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				Overburden:						
0-4.3				Overburden:						
4.8-19.5				Argillite: bl w/ l gray laminations; generally well bedded; bedding mostly @ 45° to SA but may be disrupted from this; core frequently broken; intact pieces may show local brexiation; veins: occasional hairline qtz stringers; sul white qtz stringers absent @ 8.2 & 10.7; ? - 3cm @ 2 45° to SA						
19.5-20.0				Vollang Qtz Vein:						
20.0-20.5				Listwanite: bl w/ some limonite staining; well foliated @ steep angle to core (70°+); brecciate frags common; veins: qtz stringers < 0.5cm common; one w/ qtz stringer to 30cm @ 20.4						
20.5-23.0				Volcanic Flow & Tuff? 20.5-23.2: tan/gray w/ occasional l. grn tinge; commonly sheared & moderately checked; bl to gray coloration; fractures of various orientations; pervasive brecciation; contact w/ listwanite; veins: occasional stringers @ 20-45° to SA, < 0.5cm.						

to 2 1/2 to 3cm

08

50

79

64

-10

-26

30

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (g/t)	Ag (g/t)		
19.5-20.0 : Vollang Qtz Vein : broken, rounded. Swags 19.5 → 19.8 ⇒ Some missing core ; milky white qtz w/ some grey mottling; graphitic stylolites x-cut core @ ~ 80-90° ; minor crumy dol blebs in wh qtz; commonly x-cut by clear qtz & crumy dol/wh qtz veins @ varying angles; F.W. contact appears steep (~ 70°+); minor py			0.5	D6570	.055	.11		

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	

Volcanic Flow & Tuff (cont)

23.2-28.0: med grn, mass w/ occasional layering that is wavy & contains angular frags; this looks like bedding but may be localized shearing; occasl chloritic structures common; groundmass is lg → aphanitic, Calcite & epidote common.

E04

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT Erickson	GROUND ELEV. 1517.212
HOLE No. 84-421	BEARING 174°21'50"
LOCATION N 3329.587 E 4158.537	DIP -61°06'02" (61°00')
	TOTAL LENGTH 43.6m
LOGGED BY Dole A. Sketchley	HORIZONTAL PROJECT 21.14
DATE June 26 / 84	VERTICAL PROJECT 38.13
CONTRACTOR DJ Drilling	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE BQ	
DATE STARTED June 23 / 84	<p>TOTAL SULPHIDE SCALE</p> <p>traces only < 1% 1% - 3% 3% - 10% > 10%</p>
DATE COMPLETED June 24 / 84	
DIP TESTS NONE	
<p>COMMENTS</p> <p>① HV = 24.5m @ 1495.79m FW = 25.3m</p> <p>② HV = 25.65m @ 1494.78m FW = 26.65m</p> <p>1517.21 21.14 ----- 1496.07</p>	<p>LEGEND</p> <p>84-421</p> <p>DIST IN SECT FROM VOLLAUG BL. 0 N</p> <p>ONPLAN : VERT : HORZ -----:-----:-----</p> <p>COLLAR : 0.00: -50.41 (6.4 WEST OF 648)</p> <p>11.87HW : -21.42: -62.23 12.26FW : -22.12: -62.61 12.43HW : -22.43: -62.78 12.92FW : -23.30: -63.27 TOE : -38.13: -71.44 (4.3 WEST OF 648)</p> <p>TOTAL HORZ = 21.13 TOTAL VERT = -38.13</p> <p>***UNPLUG ME*** ***UNPLUG ME***</p>

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-3.4 Overburden:						
				3.4-24.5 Argillite: Varying shades of grey & black; was well laminated; bedding variable angle to c.A; some areas are silty & sh. calc-arenous; core is frequently broken!						
-10				Veins: X-cutting, hairline qtz stringers common; local areas qtz/calcite btxites rock (11.9 → 12.0; 15.2 → 20.0) but irregular veins from 18.9 → 19.5 (Sample this)						
				24.5-25.3 Volung Quartz Vein:						
-20				25.3-26.65 Listwanite: bl; btx grading to well foliated rock w/ fuchsite blebs; btx looks like broken & re-lithified argillite;						
				Veins: w/ hairline qtz - common @ wide variety of angles						
-30				26.65-28.2 Volung Quartz Vein:						
				28.2-31.2 Listwanite: Variable bl to grey w/ frequent impure stringers; well foliated & composed of graphite bearing (sh. argillite?) & low qtz/fuchsite/bl(?) material; sometimes soft & talcy; breaks into volcanic base: hairline qtz stringers common parallel to foliation						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% (g/t) Au	% (g/t) Ag	%		COMPOSITE ASSAYS
18.9-19.5: section w/ 30% irregular wh qtz veins			0.6	D6571	Tr	.09			
24.5-25.3: Volland Qtz Vein: white qtz w/ minor crmy dol; freq. x-cut by graphitic bl styl, clear qtz and crmy qtz/dol veinlets; these are more irregular & @ variable angles than next vein; minor pyrite			0.8	D6572	.064	.12			
25.65-26.65: Volland Qtz Vein: white qtz w/ grey mottling, x-cut regularly by bl graphitic stylolites @ 60-80° to CA, these are cut by 'fuzzy' (wavy) wh qtz veins < 6.0 mm; noticeable lack of x-cutting clear qtz as in prev. vein, minor py.			1.0	D6573	.018	.20			

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					Ca A	Ch B	D C	S D	G E	
35				31.2-39.3 Volcanic Flow or Tuff(?) 31.2 - 34.0: l. tan - gln w/ frequent limonite staining; sul. areas sheared & cracked are whitish (lits carbalt?) this is similar to "listwanites"						
-40				34.0-39.3: l. green; mass to poorly banded, sl bl. crackling; occasional silic sectors ⇒ chert?; local talc(?) fract.						
				39.3-41.0 Chert: l. gln; frequently w/ mud bands that are irregular ⇒ shearing						
-45				41.0-43.6 Volcanic Flow: l. gln, mass, highly broken, sheared @ beginning some clay alt.						
				FOH						

APPENDIX B
ASSAY CERTIFICATION AND
ASSAY PROCEDURE

ERICKSON GOLD

MINE FIRE ASSAY METHOD FOR AU AND AG

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

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

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

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

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

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

All assays are then given in ounces per ton.

ERICKSON GOLD

Bag 1500
Cassiar, BC
VOC 1E0

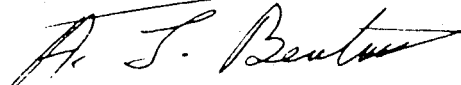
September 05, 1984

Chief Gold Commissioner
Victoria, BC

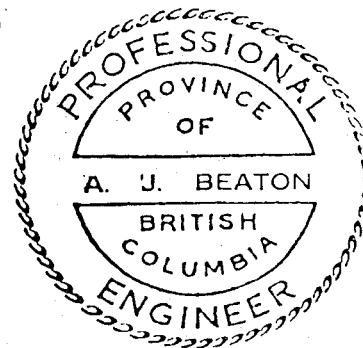
Sir / Madam;

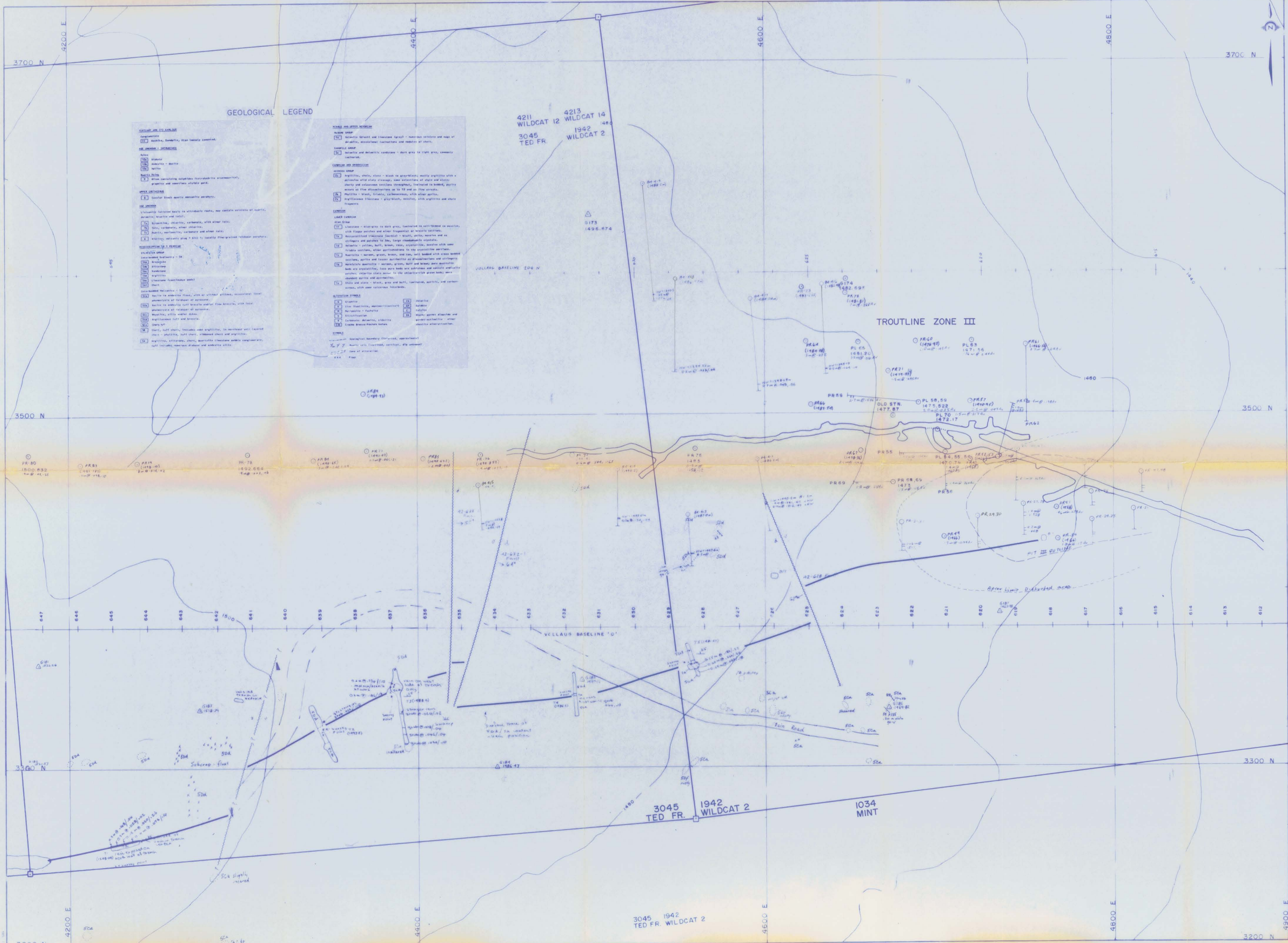
The Assay Lab at Erickson Gold Mining Corp. is under my direct supervision, and has been for the last 5 (five) years. Regular check assays are done by an outside source.

Yours truly,



A. J. Beaton
Mine Manager





GEOLOGICAL LEGEND

SYMBOLS AND ABBREVIATIONS

CONTOUR LINES

ROADS

TRAILS

BRIDGES OR OVERPASSES

CULVERTS OR UNDERPASSES

BUILDINGS TO SCALE

CRIBWORK

CUT OR FILL CREST

TOE

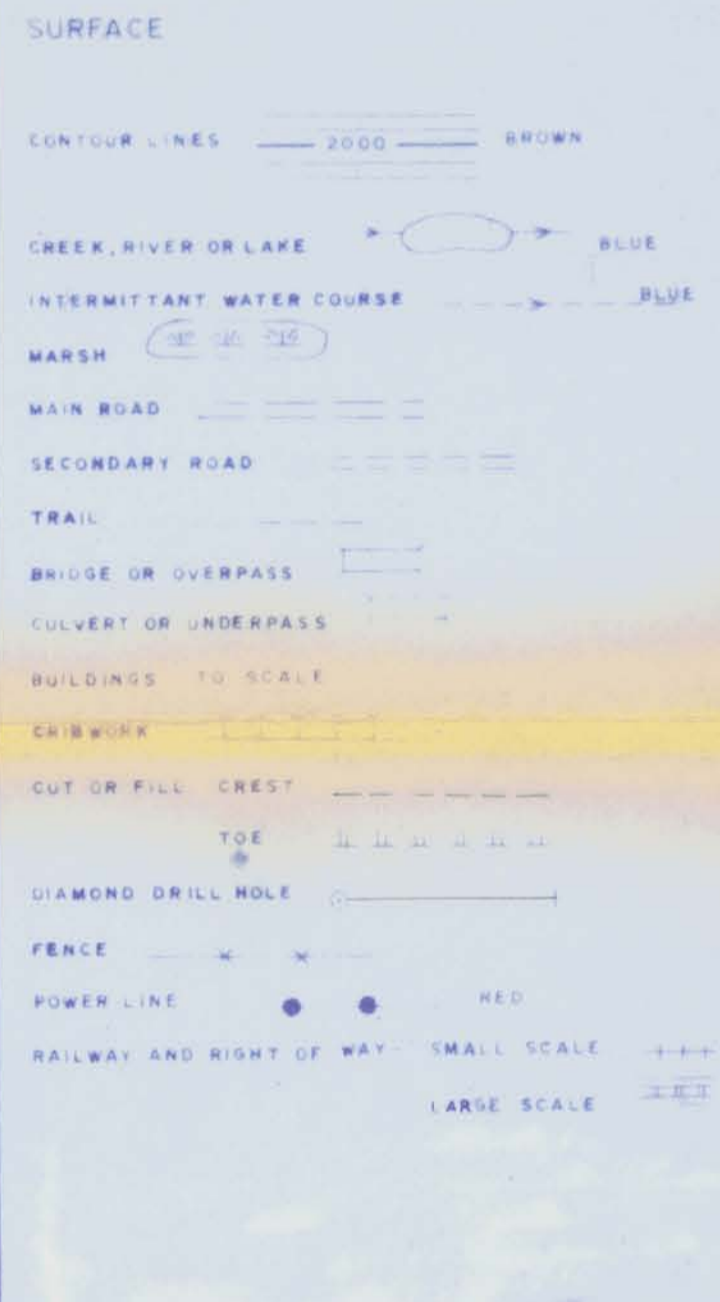
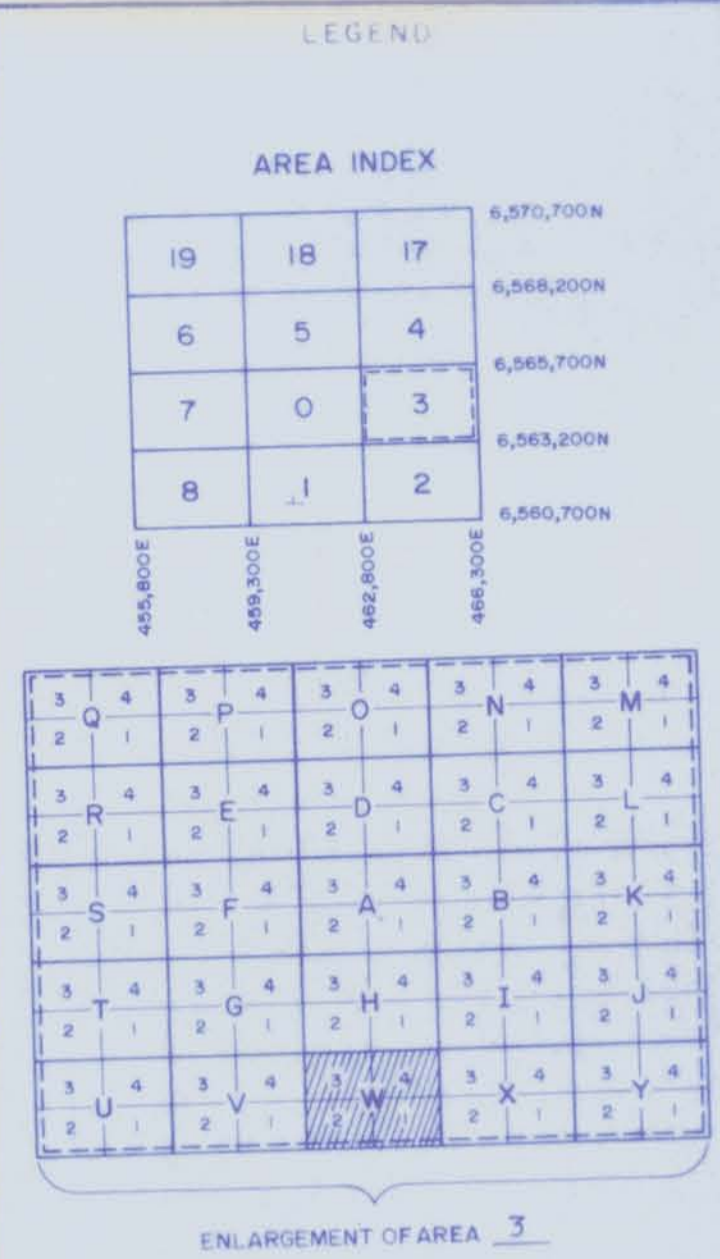
DIAMOND DRILL HOLE

FENCE

POWER LINE

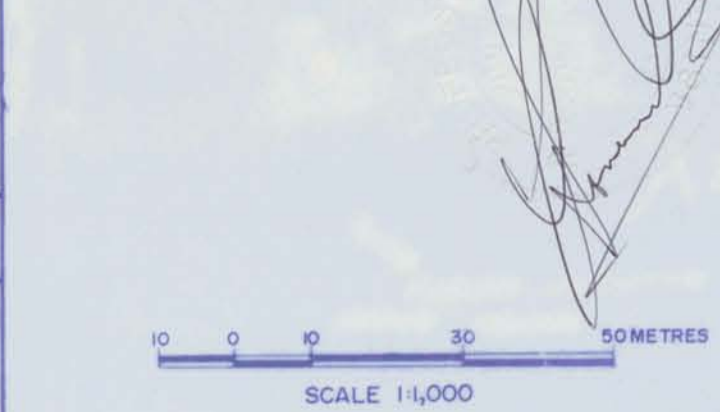
RAILWAY AND RIGHT OF WAY - SMALL SCALE

LARGE SCALE



GEOLOGICAL BRANCH ASSESSMENT REPORT

13,205



ERICKSON GOLD MINING CORP.

POOL GROUP

GEOLOGY & DIAMOND DRILLING

TROUTLINE MINE

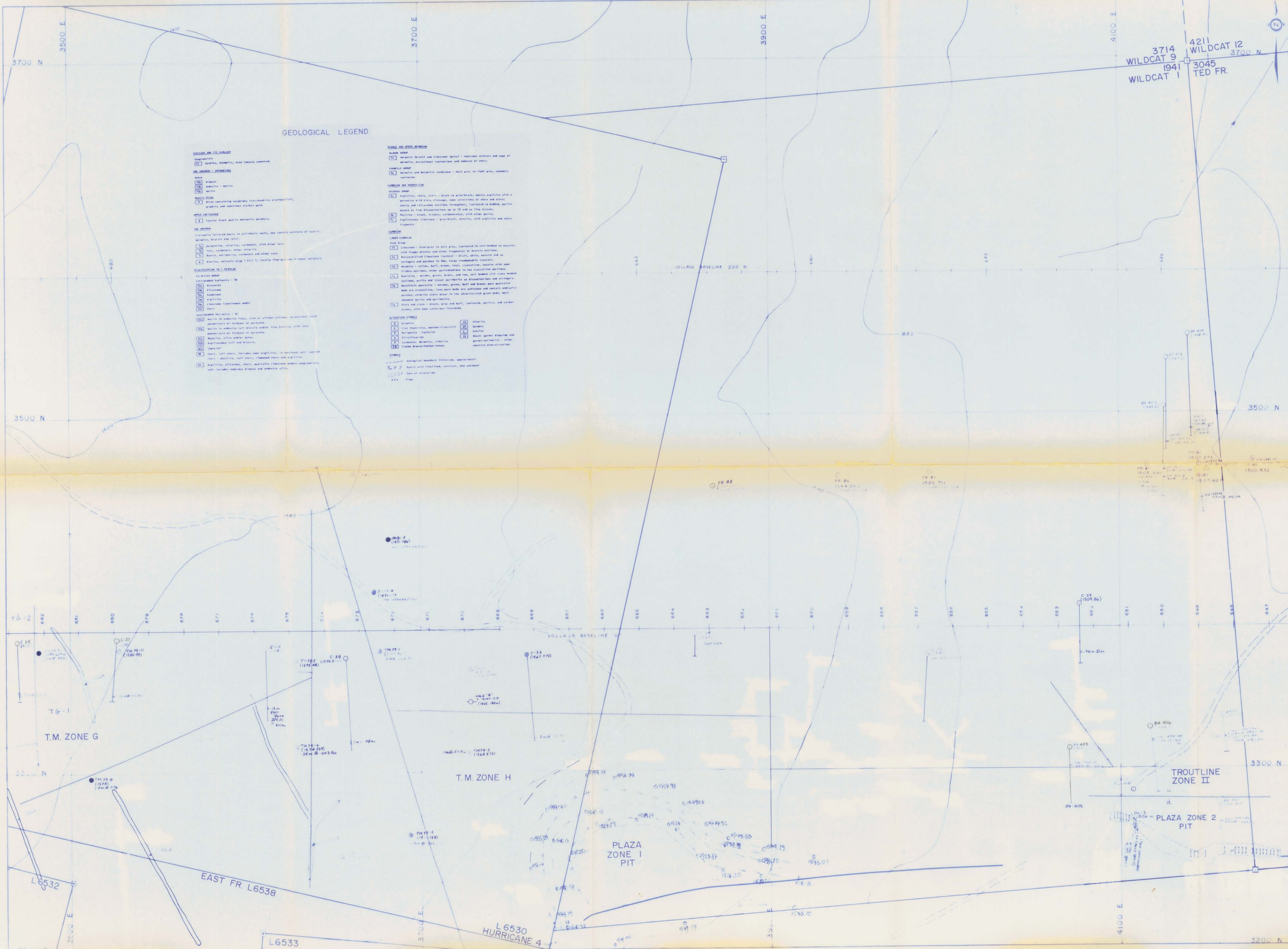
Project No. 1003 Mining Division LIARD

Latitude 59°13' Longitude 129°41'

NTS 104 P4E

To Accompany A Report By M. BALL, M.Sc.
Under the Supervision of R. SOMERVILLE, P. Eng.
Dated NOV 30/84

Map No. 3W



GEOLOGICAL LEGEND

- LEGEND AND SYMBOLS**
- BOUNDARY AND CONTROL POINTS**
- 1 Boundary (black and dashed lines) - mountain ridges and maps of faults, structural features and nature of them.
 - 2 Boundary (black and dashed lines) - dark grey, common, common.
- ROCK UNITS**
- 1 Granite - dark grey, common, common.
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LEGEND

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

455,000E 458,000E 461,000E 464,000E

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

ENLARGEMENT OF AREA 3

SURFACE

CONTOUR LINES 2000 BROWN

FRESH RIVER OR LAKE BLUE

INTERMITTENT WATER COURSE BLUE

MARSH

MAIN ROAD

SECONDARY ROAD

TRAIL

BRIDGE OR OVERPASS

CULVERT OR UNDERPASS

BUILDING

CRIBWORK

CUT OR FILL CREST

TOE

DIAMOND DRILL HOLE

FENCE

POWER LINE

RAILWAY AND RIGHT OF WAY (SMALL SCALE)

(LARGE SCALE)

GEOLOGICAL BRANCH ASSESSMENT REPORT

13,205

[Signature]

SCALE 1:1,000

ERICKSON GOLD MINING CORP

POOL GROUP

GEOLOGY & DIAMOND DRILLING TROUTLINE MINE

Project No. 1003 Mining Division LIARD

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NTS 104 P4E

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Dated NOV. 30/84

Map No. 3V