

Diamond Drilling Report

on the

ELAN Group

Cassiar District

Liard Mining Division

British Columbia

Owner

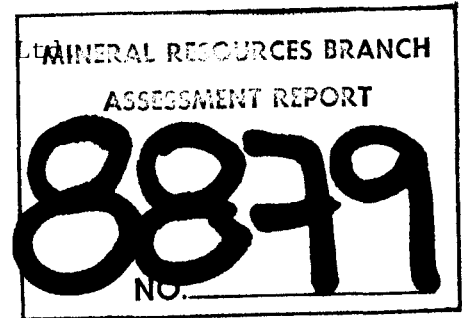
The Agnes & Jennie Mining Co. Ltd.

AJM Explorations Limited

Stanley Case

Operator

AJM Explorations Limited



COVERING: Elan 2 (20 units), Moses (6 units)

Moses 2 (12 units), AL I FR., EI I FR

DEE #1 to #4 inc.

WORK PERFORMED: August 30, 1980 - October 7, 1980

LOCATED: 59° 17' 129° 45' W, NTS MAP 104P 5W plus 5E

East from Cassiar on west side of Quartz Rock Creek

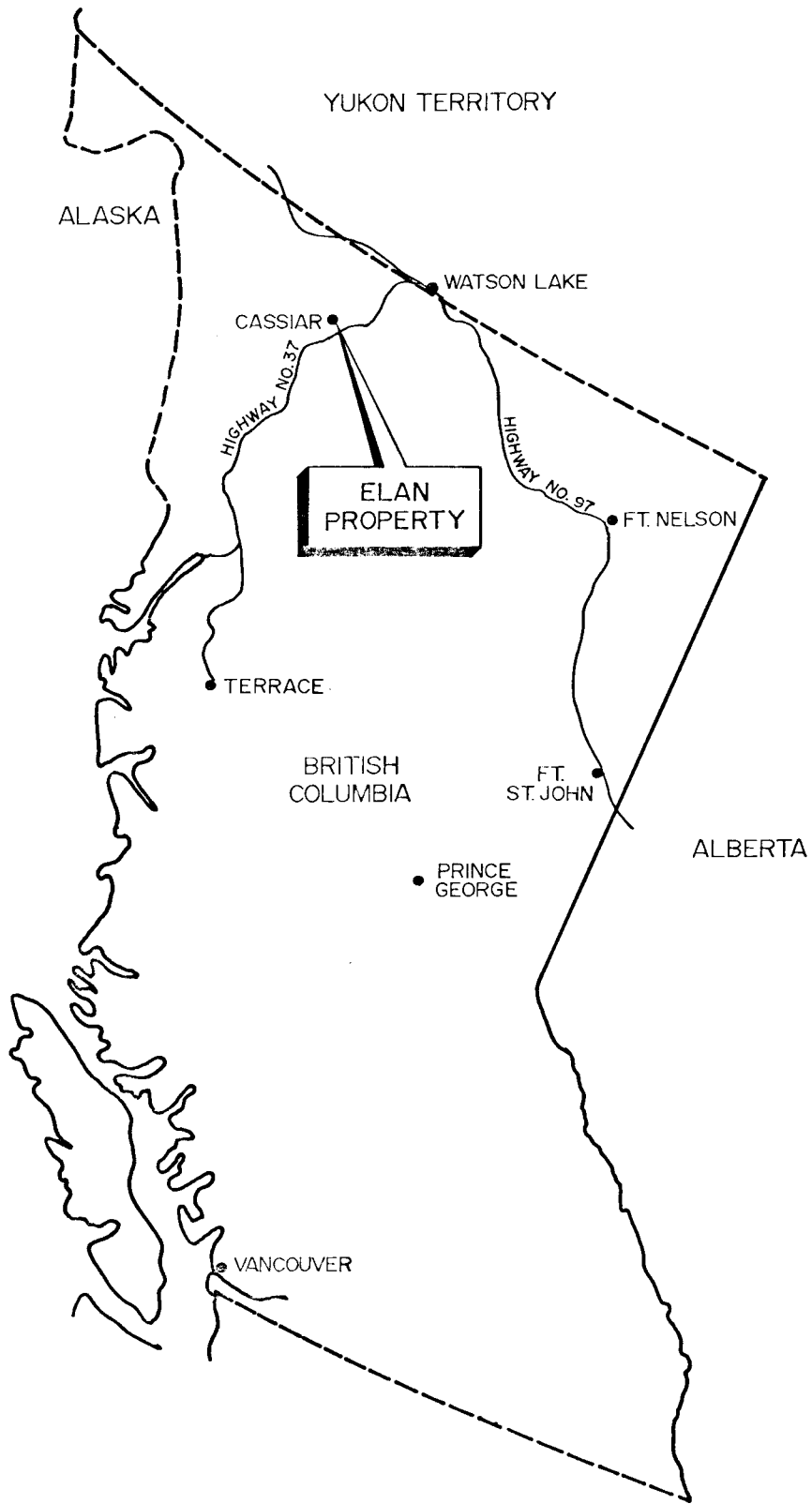
Prepared By: R. Basnett, Geologist

Supervised By: R. Somerville, P. Eng

Elan Group A

Claim Name	# of Units	Record #	Record Date	Owner	FMC # Issued
Elan 2	20	1172	Jan 30/80	Stanley Case	203/73 October 23/80
Moses	6	1587	Aug. 17 /80	Agnes & Jennie Mining Company Ltd.	208594 Jan. 15/81
Moses 2	12	1590	Aug. 28 /80	Agnes & Jennie Mining Company Ltd.	208594 Jan 15/81
AL I FR	1	1700	Oct 23/80	AJM Explorations Limited	208588 Jan. 15/81
EL 1 FR	1	1701	Oct. 23/80	AJM Explorations Limited	298588 Jan. 15/81
DEE 1	1	1202	Mar.12/80	Stanley Case	203173 Oct. 23/80
Dee 2	1	1203	Mar. 12/80	Stanley Case	203173 Oct. 23/80
Dee 3	1	1204	Mar. 12/80	Stanley Case	203173 Oct. 23/80
Dee 4	1	1205	Mar. 12/80	Stanley Case	203173 Oct. 23/80

The operator is AJM Explorations Limited, F.M.C. No: 177964.



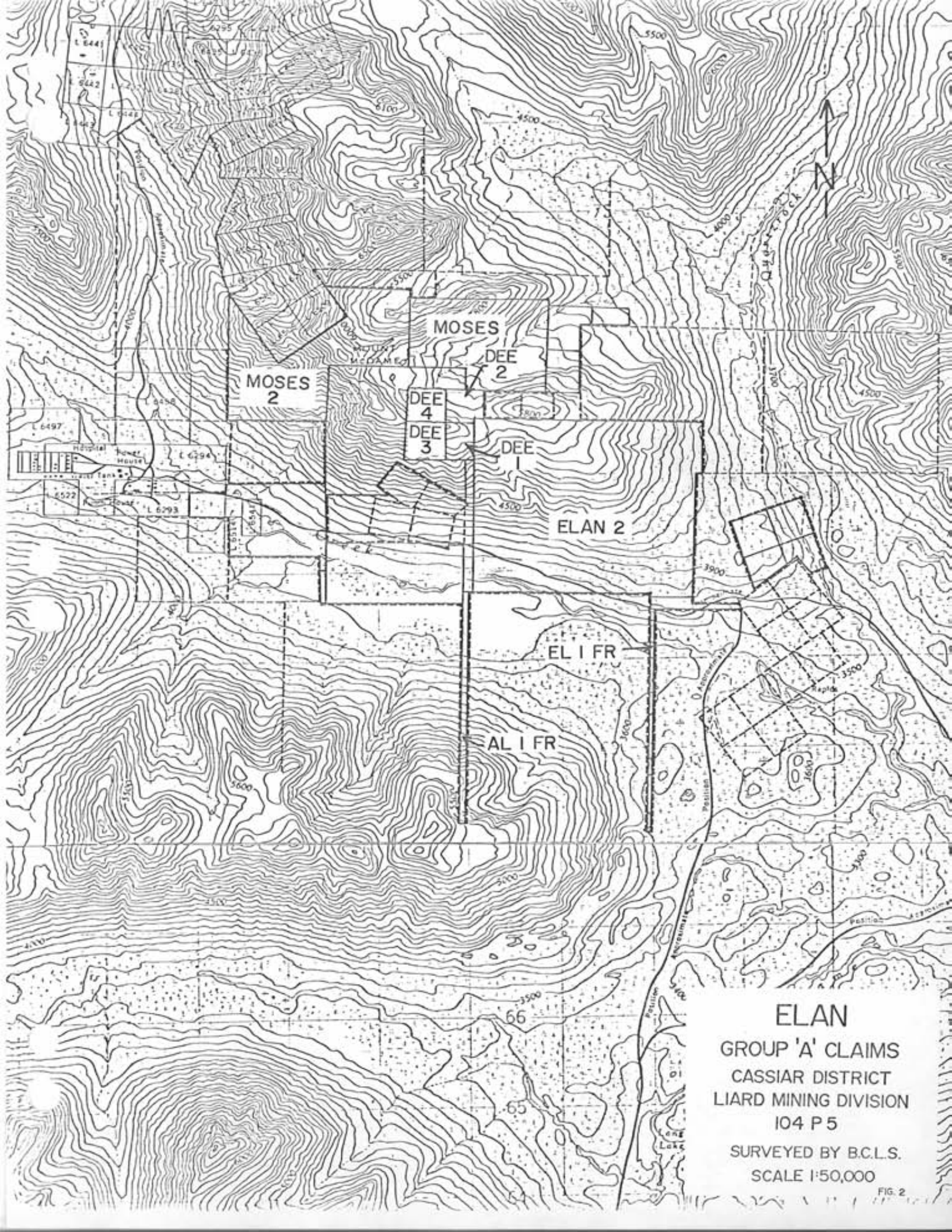
ELAN PROPERTY LOCATION MAP  
AJM EXPLORATIONS LTD.

R. BASNETT

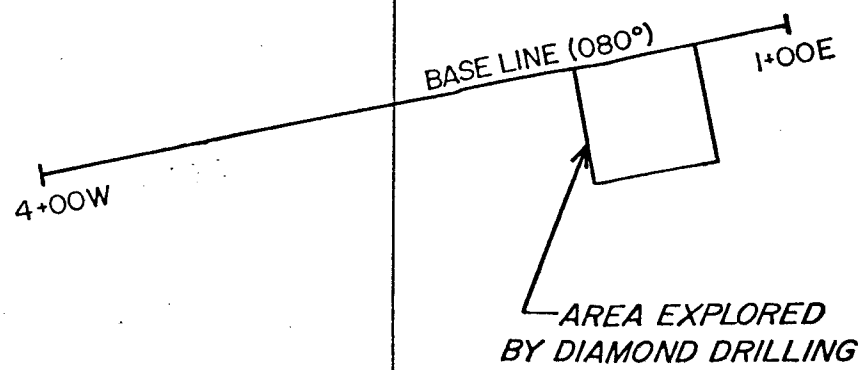
DEC., 1980

FIGURE 1

SCALE 1:8,000,000

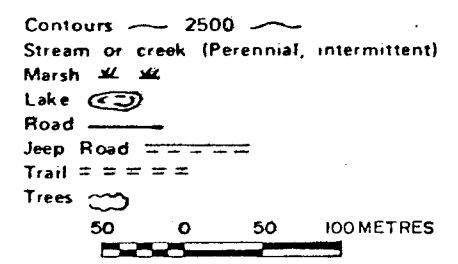


**ELAN**  
GROUP 'A' CLAIMS  
CASSIAR DISTRICT  
LIARD MINING DIVISION  
104 P 5  
SURVEYED BY B.C.L.S.  
SCALE 1:50,000



MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**8879**  
NO.

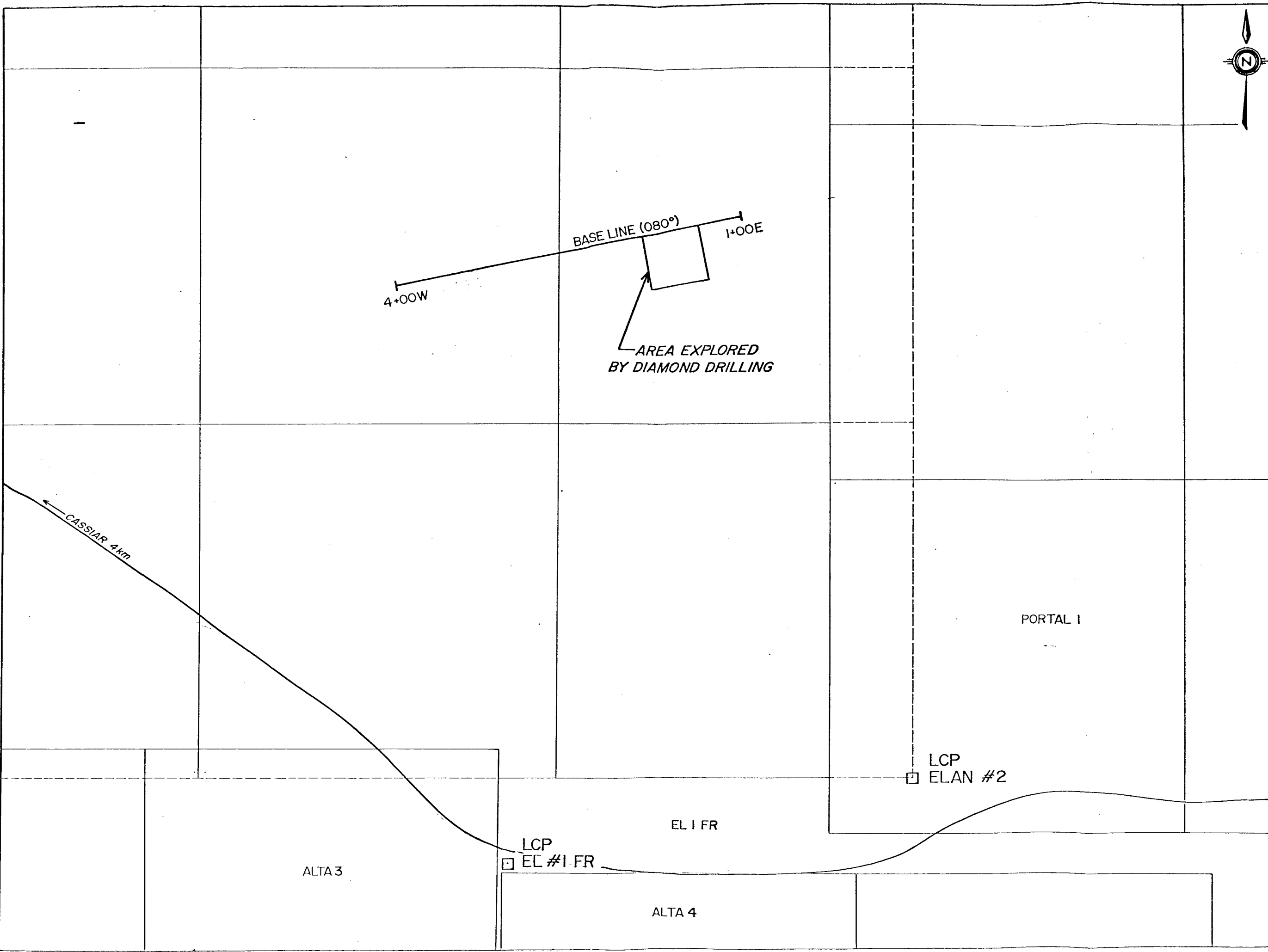
SURVEYED BY B.C.L.S.



AJM EXPLORATIONS LTD.

ELAN PROPERTY

Project No. 1019  
Mining Division LIARD  
Latitude 59°17'  
Longitude 129°44'  
NTS 104 P 5  
To Accompany a Report By R. BASNETT  
Dated DEC./80  
Map No.



## Table of Contents

Introduction	Page 1
Location and Access	Page 2
History	Page 3
Summary of Work	Page 4
Purpose	Page 4
Results	Page 5
Interpretation	Page 5
Conclusions	Page 6
Costs	Page 7
Statement of Qualifications	Page 8 & 9

## Enclosures

Figure 1 & 2	Property location Maps	Following Title Page
Figure 3	Property Map showing area explored by diamond drilling	Following Page 4
Appendix	Diamond Drill Logs	
Envelope 1	Geology and Diamond Drilling	Location Map 1:500 scale

## Introduction

This report describes the results of the diamond drilling carried out during the 1980 field season. Maps showing the property location, claims, location of diamond drill holes along with diamond drill logs are included.

### Location and Access

The property is located in northern British Columbia, east of the town of Cassiar Between Cassiar and Quartz rock Creek. The geographic coordinates are  $59^{\circ} 17'$  north latitude and  $129^{\circ} 45'$  west longitude.

Access is by road from Watson Lake, Yukon Territory, which is approximately 150 km. to the NNE of the property or from Kitwanga which is 655 km. south of the property. The Cassiar highway cuts across the southwest corner of the property. A fourwheel drive road begins north of the Cassiar Highway west of the Quartz rock Creek bridge and extends for 2 km. NW to the main showing.



## History

The Cassiar District has been prospected since the 1800's and the interest continued after 1874 when placer gold was first discovered on McDame Creek. Although there has been considerable prospecting and development in the area since the middle of this century, there is very little evidence of previous work on the Elan Group. Broken surface rock and minor trenching on quartz veins is the only indication of former exploration work.

In January 1980, the Elan 2 Claim was staked by local prospectors- John Hope and Stan Case. After successful trenching of a silver bearing quartz vein, the Elan 2 Claim and Dee 1-4 claims were purchased by Agnes and Jennie Mining Company Limited.

The Mary and Greg Claims were staked in August 1980 for Agnes and Jennie Mining Company Limited and in October 1980 the AL I FR and EL I FR were staked for AJM Explorations Limited.

### Summary of Work

In the 1980 field season 17 diamond drill holes were drilled on the Elan 2 mineral claim (Figure 3) using a Longyear 38 with BQ sized core. Holes are numbered 80-EI to 80E17 and total 931.9 metres of drilling.

### Purpose

The Purpose of the 1980 drill program was to determine the extent of mineralization in a strong east-west striking quartz vein. An eleven metre trench along strike showed the vein to be approximately one metre wide, mineralized with tetrahedrite and sphalerite and assaying 0.84% Cu, 20.6 oz/ton Ag, 0.08% As and 0.55% Sb.

## Results

Diamond drill holes 80-E1 to 80-E17 all intersected the quartz vein. Holes 80-E1, E2, E3, E4 and E17 intersected the vein along a vertical section to a depth of 105 metres. 80-E1 to E4 were well mineralized to a depth of 58 metres.

Twenty metres west another series of holes (80-E5 to E8) intersected the vein in a vertical section to a depth of 52 metres. Except for 80-E9 which ran 0.273 oz/ton Au, and 80-E16-4.67 oz/ton Ag - all other holes assayed less than 0.1 oz/ton Au and 2.0 oz/ton Ag.

## Interpretation

The quartz vein striking  $080^{\circ}$  and dipping  $75-85^{\circ}$  south located by surface trenching has tetrahedrite, sphalerite and pyrite mineralization. Diamond drilling indicates the vein structure continues to a depth greater than 105 metres. Tetrahedrite in the quartz contains economic amounts of silver up to 58 metres below surface.

The area drilled is underlain by green andesites of the Sylvester Group, Upper Devonian and Lower Mississippian in age, which are host to the quartz veining. Pyrite alteration is present in the wall rock on the hanging wall. Along the footwall is a diabase dyke strongly faulted by a number of parallel faults. Faulting along the footwall contact of the vein also frequently occurs. This has occurred after the emplacement of the quartz vein and diabase dyke.

### Conclusions

Diamond drilling has indicated the width of the quartz vein to vary between 1.0 and 2.0 metres, but the extent of the structure along strike as well as at depth has not been determined.

The core is stored at the Erickson Mine site.

Costs

Diamond Drilling	931.9m @ \$64.4/m	\$60,210.00
Room & Board	6 men @ \$18/day for 36 days Aug 30 to Oct. 04	3,888.00
Cat rentals	52 hrs at \$25/hr.	13,000.00
Camp and field supplies		430.00
Vehicle Rentals and Repairs		9,200.00
Core Storage		600.00
Assaying	21 rock assays for Cu, Zn, Au, Ag, Sb, As @ \$7.83/ sample 93 rock assays for Au, Ag @ \$7/sample	987.00 1,302.00
Report Preparation		100.00

Wages

Geologist	Aug. 30-Oct 04, Dec. 15 & 16 \$70/day for 36 days	\$ 2,520.00
Assistant	Sept. 22-25 4 days @ \$69/day	276.00
Assistant	Sept. 22-30 Oct 1-9 18 days @ \$55/day	990.00
Assistant	Aug. 30 to Sept. 22 24 days @ \$77/day	1,848.00
Travel Expenses		<u>860.00</u>
	TOTAL	<u>\$96,211.00</u>

The diamond drilling occupied a period from August 30 to October 07, 1980 on a two 10 hour shift basis.

Statement of Qualifications

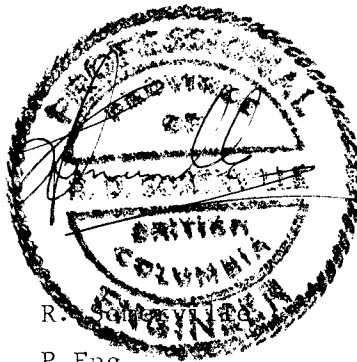
I, Richard Basnett, of 7819 14th Avenue, Burnaby, B.C. do hereby certify that:

- (1) I am a graduate of the University of British Columbia B.Sc. 1975, a fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy. I have practised my profession for 5 years.
- (2) I am author of this report, which is based upon work under my personal supervision during 1980 on the Elan property of Agnes and Jennie Mining Co., Limited, and AJM Explorations Limited near Cassiar, B.C.
- (3) While supervising the Elan property work I was under the direction of R. Somerville, P. Eng., director of Geological Services to AJM Explorations Limited.

Respectfully submitted,

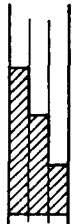
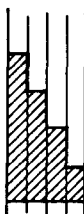


R. Basnett  
Geologist



R. Basnett  
P. Eng.

AJM EXPLORATIONS LTD.  
MINERALS SECTION  
DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1249.6</i>
HOLE No. <i>80-E1</i>	BEARING <i>350°</i>
LOCATION ( <i>Line 00W</i> ) <i>13.9m from BLOON</i> <i>on section <u>00</u></i>	DIP <i>44½°</i> measured by Brunton.
LOGGED BY <i>R BASNETT</i>	TOTAL LENGTH <i>31.1m (102ft)</i>
DATE <i>Sept 03/80</i>	HORIZONTAL PROJECT <i>22.18</i>
CONTRACTOR <i>DJ Drilling</i>	VERTICAL PROJECT <i>21.8</i>
CORE SIZE <i>BQ</i>	ALTERATION SCALE 
DATE STARTED	TOTAL SULPHIDE SCALE 
DATE COMPLETED	LEGEND
DIP TESTS	
COMMENTS <i>0-31.1 = 31.1m @ 44½°</i>	<i>LAT DEP</i> <i>22.18 21.8</i>





MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
		0						
4.4-15 py <.1%								
		5						
		6						
7.80-8.15 gv 60° to CR with grey calcite in the center very homogeneous vein with the calcite barrels noticeable gv is .25 wide some well rock taken			.35	A3418	Tr	Tr		
		10						
		15						

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
15				5.9-18.25 ANDESITE DACITE FLOW						
				16.8-17.2 FAULT bkn core						
				17.6-18.25 fract network is moderate						
				18.0-18.1 FAULT? bkn core						
18				18.25-19.8 QU ~ 70° to C/A with heavy tetrahedrite						
19				19.8-22.8 DIABASE DYKE						
				19.8-19.95 FAULT muddy broken core						
				19.8-22.8 dyke - fine grained, very dk grey, with white calcite altered crystals 1-5mm diameter (anhedral) some chlorite along fractures slightly calcareous.						
				22.8-31.1 DACITE FLOW						
				22.8-25 light brown mod dol alt + mod silicification, mod network of fine dk grey fract lines creating a fragmental appearance in places.						
				25-28 slight network of fract lines						
				28-28.3 FAULT? bkn core						
				29-31.1 very homogeneous (no fract lines)						
				30.7-30.9 FAULT? bkn core						

END OF HOLE 31.1m (102ft)

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	%	%	COMPOSITE ASSAYS % Sb
					Au (oz)	Ag (oz)	Cu	Zn	As	
15-18 py <.1%		15								
16.6-16.8 gv 45° to CR white bull gtz 5cm wide			.2	A3419	Tr	Tr				
18-18.25 med to co cubes of py throughout ~1% py (ANDESITE)			.25	3420	Tr	0.01				
18.25-18.9 gv with large blebs (1-5mm) of pyrite (many cubes clustered together) and tetrahedrite. Tetrahedrite may follow fracture lines and also is associated with fg pyrite-tetrahedrite mixtures		18	.65	A3421	0.040	35.10	1.7	0.72	.18	1.015
				MIN-EN ASSAYS IN INK	0.040	35.10				
										1.55m @ 0.030/27.38
										0.030
18.9-19.4 section of gv. as described above		19	.5	A3422	0.040	36.20	1.73	0.69	.15	.980
19.4-19.8 section of gv with very little tetrahedrite (f.w.)			.4	A3423	0.002	382	0.152	0.03	.02	.082
19.8-31.1 py ~.1%										
25.75-25.85 gv white gtz with some brown blebs of dolomite? and green chlorite ghost fragments 2-3 cm wide (60° to c/A) gv			.1	A3424	Tr	0.04				



DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-3.0 CASING						
				3.0-18 ANDESITE FLOW						
				3.0-10.6 light to dark mottled greens fine grained to aphanitic, wispy texture, slight network of fracture lines, wispy mottled green layers approx. 50° to C/A mod silicification, slight dolomite alt.						
5				7.2-7.8 FAULT? bkn core.						
				10.6-18 light browns + greens wispy texture still apparent although dolomite alteratn increased to moderate, still mod silicif. occasional g.v. 2-10cm wide white bull gt? ~ 30° to C/A						
15				17-17.5 FAULT? bkn core						
				18-25.75 DACITE TUFF BRECCIA mod. dol. alt., mod silicification, light brown, mod to intense network of dark grey fract. lines sometimes enclosing light brown dacite clasts 2-3mm dia giving a tuffaceous appearance.						
				18.6-19.8 FAULT? bkn and ground core						
25										



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

25 18-25.75 DACITE TUFF BRECCIA  
 25.75-28 gv w tetrahedrite

28-31.8 DIABASE DYKE  
 28-28.5 FAULT bkn core

30 29.4-29.6 FAULT bkn muddy core  
 28-31.8 dyke is dark gray - black with white calcite altered crystals 1-5 mm diameter - some calcite coating fractures.

31.4-31.5 FAULT? bkn core.

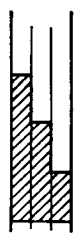
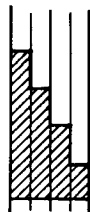
31.8-34.7 DACITE-ANDESITE FLOW  
 light gray brown fg - aphanitic mod silicification, slight dol. alteration, slight network of fract lines (dk grey)

END OF HOLE 34.7m  
 (114 ft)

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	%	%	COMPOSITE ASSAYS % Sb
					Au (oz)	Ag (oz)	Cu	Zn	As	
25.75-26.5 specks and blebs of tetrahedrite throughout 1-5 mm dia lg pyrite often with the tetrahedrite sometimes throughout blebs and sometimes around edges light brown crystals 2-5mm wide of Ankerite?		25	.75	A3426	0.009	14.07				
					0.011	15.80	0.799	0.42	.08	.480
				MIN-EN LAB ASSAYS IN INK						
26.5-27.4 section of gv as described above except tetrahedrite sometimes appears on fracture lines			.9	A3427	0.001	3.26	0.398	0.17	.04	.255
27.4-28 footwall of vein very sparse tetrahedrite very bkn core.			.6	A3428	0.001	0.19	0.010	0.01	.02	.001
28-34.7 py 5.1%		30								
								average		
								2.25 m @		0.007/8.62



DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1249.2</i>	
HOLE No. <i>80-E3</i>	BEARING <i>348°</i>	
LOCATION <i>39.8m S of CONBL on section 00W</i>	DIP <i>52° measured by Brunton</i>	
	TOTAL LENGTH <i>58.5m (192 ft)</i>	
LOGGED BY <i>R. BASNETT</i>	HORIZONTAL PROJECT <i>35.60m</i>	
DATE <i>Sept 06/80</i>	VERTICAL PROJECT <i>46.41m</i>	
CONTRACTOR <i>DS DRILLING</i>	ALTERATION SCALE	
CORE SIZE <i>BQ</i>	 <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>intense</li> </ul>	
DATE STARTED	TOTAL SULPHIDE SCALE	
DATE COMPLETED	 <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>1% - 3%</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>	
DIP TESTS <i>@ 192ft</i>	<i>uncorrected</i> <i>61°</i>	<i>corrected</i> <i>53°</i>
COMMENTS	LAT.	DEP.
<i>0-29.25 = 29.25 @ 52°</i>	<i>18.00</i>	<i>23.05</i>
<i>29.25-58.5 = 29.25 @ 53°</i>	<i>17.60</i>	<i>23.36</i>
	<u><i>35.60</i></u>	<u><i>46.41</i></u>
	LEGEND	

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-7.3 CASING						
10				7.3-51.4 ANDESITE FLOW 7.3-11.4 f.g. med green andesite, slight dolomite alteration, minor epidote and calcite in fract.; The fracture system is very slight. moderate silicification. 11.4-19.4 dolomite alteration becoming mod core is light grey brown in color. still with a very slight fracture network, occasional quartz vein at 40° to C/A 2-10 cm wide - white bull gtz						
18				17.2-17.4 FAULT? Broken core. 19.4-20.5 dolomite alteration intense with slight to moderate silicification						
20				20.5-23 intensely silicified - one gtz stringer every .5m ~ 40° to C/A 1-10 cm wide white bull gtz 23-26.6 moderate dolomite + silicification. occasional talc stringer 26.6-34.4 med green, moderately silicified slight dolomitization, very slight fract network.						
30										

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
		0						
7.3-30 py very slight occasional cube 2-3 mm diameter.								
		10						
17.1-17.2 gv 10cm wide ~60° to CA white bull gtz.		18	.1	A3431	0.010	0.02		
		20						
25-25.2 gv bull gtz 10cm wide at 40° to CA. minor fuchsite-mariposite.			.2	A3432	Tr.	Tr.		
		30						

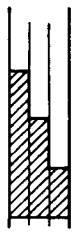
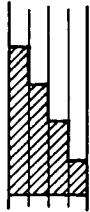
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
30				7.3-51.4 ANDESITE FLOW						
				34.4-39.8 med green, mod sil + mod carbonate filling calcite-epidote stringers $\leq 1$ mm wide, slight fract network filled with dark green chlorite						
40				39.8-51.4 light grey and brown, intense silicification, mod dolomite alteration occasional gtz veinlet 5-30 mm wide at 40° to CR, slight network of chlorite filled fract lines.						
50				50-51.4						
				51.4-53.2 Q.V. with tetrahedrite mineralization.						
				53.2-56.4 DIABASE DYKE dark grey with amygdules of gtz and chlorite $\sim 2$ mm dia.						
				53.7-58.5 FAULT very bkn core						
55				56.4-58.5 ANDESITE FLOW light grey, pyritic with mod dol + silicification.						
				END OF HOLE 58.5 m (192 ft)						



AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <b>ELAN</b>	GROUND ELEV. <b>1249.2 m</b>												
HOLE No. <b>80-E4</b>	BEARING <b>348° measured by Brunton</b>												
LOCATION <b>40.6 S from BL on section line 00W</b>	DIP <b>65°</b>												
	TOTAL LENGTH <b>70.7 m 232 ft</b>												
LOGGED BY <b>RBASNETT</b>	HORIZONTAL PROJECT <b>29.60</b>												
DATE <b>SEPT 09</b>	VERTICAL PROJECT <b>64.22</b>												
CONTRACTOR <b>DJ DRILLING</b>	ALTERATION SCALE  <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>intense</li> </ul>												
CORE SIZE <b>BQ</b>													
DATE STARTED													
DATE COMPLETED													
DIP TESTS <b>@ 232 ft (70.7 m)</b>	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">uncorr</td> <td style="text-align: center;">corrected</td> </tr> <tr> <td style="text-align: center;"><b>72°</b></td> <td style="text-align: center;"><b>65.5°</b></td> </tr> </table>	uncorr	corrected	<b>72°</b>	<b>65.5°</b>								
uncorr	corrected												
<b>72°</b>	<b>65.5°</b>												
	TOTAL SULPHIDE SCALE  <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>1% - 3%</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>												
COMMENTS	LEGEND												
<table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: center;"><u>LAT.</u></td> <td style="text-align: center;"><u>DEP.</u></td> </tr> <tr> <td><b>0-35.35 = 35.35 @ 65°</b></td> <td style="text-align: center;"><b>14.94</b></td> <td style="text-align: center;"><b>32.03</b></td> </tr> <tr> <td><b>0-70.7 = 35.35 @ 65.5°</b></td> <td style="text-align: center;"><b>14.66</b></td> <td style="text-align: center;"><b>32.19</b></td> </tr> <tr> <td></td> <td style="text-align: center;"><b>29.60</b></td> <td style="text-align: center;"><b>64.22</b></td> </tr> </table>		<u>LAT.</u>	<u>DEP.</u>	<b>0-35.35 = 35.35 @ 65°</b>	<b>14.94</b>	<b>32.03</b>	<b>0-70.7 = 35.35 @ 65.5°</b>	<b>14.66</b>	<b>32.19</b>		<b>29.60</b>	<b>64.22</b>	
	<u>LAT.</u>	<u>DEP.</u>											
<b>0-35.35 = 35.35 @ 65°</b>	<b>14.94</b>	<b>32.03</b>											
<b>0-70.7 = 35.35 @ 65.5°</b>	<b>14.66</b>	<b>32.19</b>											
	<b>29.60</b>	<b>64.22</b>											







DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
35				8.2-61.6 ANDESITE FLOW						
45				44.2-44.8 FAULT bkn core						
				46.3-61.6 light green brown, more of a wispy texture with dark green chlorite in fracture spaces 2-3mm wide. a few Qtz stringers at ~30° to CA! mod sil, mod dol.						
50				50.1-51.8 FAULT very bkn core						
				55.5-56.4 FAULT? bkn core						
61				61.6-63.2 QUARTZ VEIN w tetrahedrite						
				63.2-64.3 ANDESITE heavy py ~1%						
				64.3-65.7 QUARTZ VEIN w tetrahedrite						
				65.7-69.8 DIABASE DYKE dk grey with calcite in fract+amydules						
				69.8-70.7 ANDESITE FLOW mod dol + sil alt						
				70.7m (232 ft) END OF HOLE						



DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1249.6</i>
HOLE No. <i>80-ES</i>	BEARING <i>350°</i>
LOCATION <i>sect D+20W 15.7 m from BL 1.2 m W of section line</i>	DIP <i>46° measured by Brunton</i>
	TOTAL LENGTH <i>28.65 m (94 ft)</i>
LOGGED BY <i>R BASNETT</i>	HORIZONTAL PROJECT <i>19.9</i>
DATE <i>SEPT 10/80</i>	VERTICAL PROJECT <i>20.6</i>
CONTRACTOR <i>DJ DRILLING</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED	<p>TOTAL SULPHIDE SCALE</p> <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
DATE COMPLETED	
DIP TESTS	
COMMENTS	LEGEND

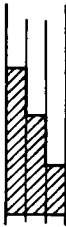

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
				0- 7.3 OVERBURDEN						
10				7.3- ANDESITE FLOW 7.3-12.8 med green, mod chlorite fg homogenous texture with occasional white Qtz str. 3-4 cm wide 40-50° to C/A slight silicification and mod dol alt.						
				12.8-18.5 med brown green, mod- intensely silicified, slight dolomitization						
18				18.5-20.7 QUARTZ VEIN with tetrahedrite						
				20.7-23.5 DIABASE DYKE dk grey, fg. with calcite in remnant amygdules and coating fractures and in narrow stringers along C/A						
22				20.7-21.3 FAULT bkn core (recovery poor)						
				22.6-22.7 FAULT muddy core						
				22.9-23.7 FAULT bkn core						
				23.5-28.7 ANDESITE FLOW light brown, slight dol. alt, mod to intense silicification moderate network of fine dk grey fract lines giving a fragmental tuffaceous appearance in places						
				END OF HOLE 28.7m (94 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)	Cu	Zn	Pb	
		0								
7.3-17.4 py ~.1% mg. cubes sparsely spaced.		10								
17.4-18.5 med grained py diss thru/out wallrx at hw of vein		18	1.1	A3446	Tr	Tr				
18.5-19.5 (qv) large blebs of tetrahedrite mixed with pyrite some med brown crystals assoc. (ankerite?)			1.0	A3447	0.010	8.16	0.402	0.49	.03	.220
19.5-20.7 (qv) as described above with mineralization very erratic also			1.2	A3448	0.006	14.10	0.680	0.14	.08	.405
20.7-28.7 py ~.1%		22					2.2 m @	0.003	11.4	

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1249.6</i>
HOLE No. <i>80-E6</i>	BEARING <i>350°</i>
LOCATION <i>section 0+20W 16.9 m from BL 12 m west of section line</i>	DIP <i>64° measured by Brunton</i>
	TOTAL LENGTH <i>37.2 m (122 ft)</i>
LOGGED BY <i>R BASNETT</i>	HORIZONTAL PROJECT <i>16.30</i>
DATE <i>SEPT 11 / 80</i>	VERTICAL PROJECT <i>33.44</i>
CONTRACTOR <i>DJ DRILLING</i>	<p>ALTERATION SCALE</p>  <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED	<p>TOTAL SULPHIDE SCALE</p>  <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
DATE COMPLETED	
DIP TESTS	
COMMENTS	LEGEND

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-4.3 OVERBURDEN						
				4.3-30.3 ANDESITE FLOW						
				4.3-12.8 mottled med + light greens fine grained with epidote filling some fractures; hard-moderate to intense silicification; slight dolomite alt.						
10				12.8-19.6 mod. sil. ; mod carbonate alteration. occasional qtz str. at low angle to C/A.						
				16.6-16.9 FAULT muddy bkn core						
20				19.6- light brown green mod-intense sil, mod. dol. alt. qtz at 30° to C/A						
				21.5-21.9 FAULT? bkn core						
				26.7-27.1 FAULT muddy bkn core						
				28-28.7 FAULT? bkn core						
30				30.3-323 QUARTZ VEIN with tetrahedrite.						
				323-35.5 DIABASE DYKE fg, dk grey with minor py + remnant calcite amygdules						
				32.6-33.4 FAULT bkn muddy core						
				34-34.2 FAULT bkn muddy core						
				35.1-36.2 FAULT? bkn core						
				35.5-36.6 ANDESITE FLOW light brown mod sil + dol some py ~3%						
				END OF HOLE 37.2m (122 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	%	%	COMPOSITE ASSAYS % Sb
					Au (oz)	Ag (oz)	Cu	Zn	As	
4.3- occasional lg cube of pyrite ~1% py		0								
		10								
		20								
27.7-28.7 diss eg. cubes of py ~1-2mm dia. in wall rx ~3-5% py.			1.0	A3452	0.016	0.10				
28.7-29.9 f.g. cubes of py in wall rx ~4% py			1.2	A3453	0.009	0.08				
29.9-30.3 wall rx on hw of gv ~4% diss py includes 10cm wide gv w tetrah.		30	.4	A3454	0.010	1.38				
30.3-30.9 gv with tetrahedrite blebs over 30 cm section these are mixed with fine py and have a brown vitreous mineral, 6 sided crystals, + hardness 4			.6	A3455	0.002	12.28	0.592	0.29	.04	.410
30.9-31.7 gv very barren only occasional tetra specks			.8	A3456	0.001	2.23	0.08	0.02	.03	.046
31.7-32.3 - barren gv .3m core missing			.6	A3457	0.002	2.70				


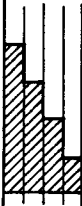
2.0m @ .0016/5.38



AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1248.8m</i>	
HOLE No. <i>80-E7</i>	BEARING <i>350°</i>	
LOCATION <i>38.1m from BL 1.8m W of section line D+20W</i>	DIP <i>53½° measured by Brunton</i>	
	TOTAL LENGTH <i>64m (210')</i>	
LOGGED BY <i>RBASNETT</i>	HORIZONTAL PROJECT <i>37.56</i>	
DATE <i>SEPT 13/80</i>	VERTICAL PROJECT <i>51.81</i>	
CONTRACTOR <i>DJ DRILLING</i>	ALTERATION SCALE	
CORE SIZE <i>BQ</i>	 <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>intense</li> </ul>	
DATE STARTED	TOTAL SULPHIDE SCALE	
DATE COMPLETED	 <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>1% - 3%</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>	
DIP TESTS	<i>corr</i>	<i>uncorr</i>
<i>@ 188'</i>	<i>62</i>	<i>54.5°</i>
<i>(57.3m)</i>		
COMMENTS	<u>LAT.</u>	<u>OEP.</u>
<i>0-28.65 = 28.65m @ 53½°</i>	<i>17.04</i>	<i>23.03</i>
<i>28.65-64 = 35.35m @ 54½°</i>	<i>20.52</i>	<i>28.78</i>
	<i>37.56</i>	<i>51.81</i>
	LEGEND	






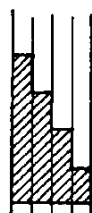
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
45				8.5-49.7 ANDESITE FLOW						
				49.3-49.6 FAULT ground up bkn core						
50				49.7-50.4 QUARTZ VEIN pyritic						
				50.4-50.5 FAULT muddy core						
				50.4-53 DIABASE DYKE dk grey, fg. with calcite amygdules 2-3mm dia.						
				53- ANDESITE FLOW						
55				53-64 mod sil + dol alt., slight network of dk grey fract lines.; light brown in color minor qtz str., slight tuffaceous appearance in places.						
				57.3-64 qtz filling mod network of fine fract lines.						
				58.2-58.8 FAULT? broken core						
				END OF HOLE 64m (210 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	%	%	COMPOSITE ASSAYS % Sb
					Au (oz)	Ag (oz)	Cu	Zn	As	
45-64 slight py		45								
48.8-49.7 andesite w 1% py hw of dyke.			.9	A3463	0.018	0.04				
49.7-50.4 gv with pyrite .4 m of core missing here.		50	.7	A3464	0.017	0.52	0.038	0.01	.13	.003
53.-53.4 py diss in lg. cubes ~1% py			.4	A3465	0.032	0.73	0.029	0.01	.04	.003
53.4-57.3 py slight ~1%										
		55								
62.1-62.2 white gv at 30° to CIA with minor cpy + tetrahedrite			.1	A3472	Tr	Tr				
63.4-63.5 gv ~3cm wide at 30° to CIA possible tetrahedrite			.1	A3473	Tr	Tr				

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <b>ELAN</b>		GROUND ELEV. <b>1248.8 m</b>									
HOLE No. <b>80-E8</b>		BEARING <b>350°</b>									
LOCATION <b>38.5m south of BL 18m W of 0+20W section</b>		DIP <b>61½° measured by Brunton</b>									
		TOTAL LENGTH <b>(64.3m) 211 ft</b>									
LOGGED BY <b>R BASNETT</b>		HORIZONTAL PROJECT <b>29.56</b>									
DATE <b>SEPT 13, 1980</b>		VERTICAL PROJECT <b>57.08</b>									
CONTRACTOR <b>D J DRILLING</b>		ALTERATION SCALE									
CORE SIZE <b>BQ</b>		 <p>absent slight moderate intense</p>									
DATE STARTED		TOTAL SULPHIDE SCALE									
DATE COMPLETED		 <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>									
DIP TESTS		<p>uncorrected                      corrected</p> <p><b>@ 211'                      70°                      63¾°</b></p> <p><b>(64.3m)</b></p>									
COMMENTS		LEGEND									
<p>0-32.15 = 32.15 @ 61½°</p> <p>32.15-64.3 = 32.15m @ 63¾°</p>		<table border="1"> <thead> <tr> <th>LAT</th> <th>DEP</th> </tr> </thead> <tbody> <tr> <td>15.34</td> <td>28.25</td> </tr> <tr> <td>14.22</td> <td>28.83</td> </tr> <tr> <td>29.56</td> <td>57.08</td> </tr> </tbody> </table>		LAT	DEP	15.34	28.25	14.22	28.83	29.56	57.08
LAT	DEP										
15.34	28.25										
14.22	28.83										
29.56	57.08										

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-8.2 OVERBURDEN						
9				8.2- ANDESITE FLOW						
				8.2-9.1 light green, highly sil slight dol alt.						
				9.1-9.3 Broken Core						
				fg homogenous texture						
				9.1-13 mod-intense sil, mod dol. alt orange stain around fractures light grey in color						
				10.5-13 slightly broken core.						
				13-23.5 light grey, fine grained mod dol alt, mod-intense sil, med-dark grey green fracture lines in places - very slight occass. qtz str. 2-20cm wide ~50% qtz						
			14.6-16.7 slightly bkn core							
			18.7-18.9 bkn core							
20										
30				23.5-30.1 light green, mod sil, mod arbanate alteration slight network of chlorite filled fract lines minor epidote in fract also some irreg calcite in fract						
				24.5-25.1 FAULT? bkn core						
				25.6-26 FAULT? bkn core						





DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
30				8.2-56.7 ANDESITE FLOW 30.1-43.6 med green, mod chlorite, moderate dolomite alt & slight silicification, calcite filling fractures 1-2mm wide slight epidote alt fg. granular texture fairly homogenous with some chlorite coating fractures.						
35				34.4-34.6 FAULT? - bkn core gravel size 35.5-35.6 FAULT? bkn core gravel size						
45				43.6-56.7 light green grey, harder, more silicification a few narrow qtz veins 40-60° to c/a 1-30 cm wide mod dolomite alteration, some fracture lines filled with chlorite. very little calcite in fractures. 47.2-47.5 FAULT bkn core.						
55				56.7-57.7 QUARTZ VEIN w cpy + tetrahedrite 57.7-58.5 ANDESITE FLOW py-sil-dol alt. 57.7-59.3 FAULT very bkn core 58.5-62.2 DIABASE DYKE dk g. eg. fg with some py blebs + calcite in spherical crystals 1-2 mm dia. 62.2-64.3 ANDESITE FLOW light grey, dol + sil alt mod.						
				END OF HOLE 64.3 m (211ft)						



AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1250.9m</i>
HOLE No. <i>80-E9</i>	BEARING <i>346°</i>
LOCATION <i>17.0m S of BL on section 0+40W</i>	DIP <i>46 1/2° dip</i>
	TOTAL LENGTH <i>28m (92ft)</i>
LOGGED BY <i>RBASNETT</i>	HORIZONTAL PROJECT <i>19.28</i>
DATE <i>SEPT 19/80</i>	VERTICAL PROJECT <i>20.3</i>
CONTRACTOR <i>DJ DRILLING</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED	
DATE COMPLETED	<p>TOTAL SULPHIDE SCALE</p> <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
DIP TESTS	
COMMENTS	LEGEND

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-6.7 OVERBURDEN						
				6.7-19.4 ANDESITE FLOW						
				6.7- light grey green, fg sometimes granular texture w often layers 2-3 mm wide chlorite altered. mod. dol. + sil. alt.						
9				9.7-10 FAULT (muddy core)						
				6.7-19.4 - a few gtz stringers at ~50° to CA 1-20 cm wide. (gtz u. + some talc.)						
				15.8-19.4 light brown dol + sil alt becomes stronger with chl. fading out.						
20				19.4-20.4 QUARTZ VEIN - very bkn FAULT? w py cubes + minor tetrahedrite						
				20.4-23.2 DIABASE DYKE						
				20.4-21.1 FAULT very bkn ground up core ~.5 m of core missing						
				20.4- dyke is dark grey fg, w minor py and white crystals 2-3 mm wide of calcite						
				23.2-28 ANDESITE FLOW						
				23.2- light grey brown intense dol + mod sil alteration						
				25-25.6 FAULT bkn missing core						
				23.2-28 fg texture with a slight network of chlorite filled fract lines a few gtz stringers at 40-50° to CA 1-5 cm wide						
				END OF HOLE 28m (92ft)						

PAGE 3 OF		PROJECT: ELAN					HOLE No. 80-E9				
MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	%	%	COMPOSITE ASSAYS %	
					Au (oz)	Ag (oz)	Cu	Zn	As		Sb
		0									
6.7-19 little py. <.1%											
6.9-7.1 gv at 50° to <del>GA</del>			.2	A3482	Tr.	Tr.					
		9									
11.7-11.8 gv w some tale ~40° to <del>GA</del> 3cm wide			.1	A3483	Tr.	Tr.					
		20									
19-19.4 py alt wall rx on hw of gv ~1% of mg cubes of py			.4	A3480	0.008	0.16					
19.4-20.4 gv with cubes of py ~5mm wide on <del>hw</del> some tetrahedrite footwall is barren; .4m of core missing (very broken core)			1.0	A3481							
				MIN-EN ASSAYS IN INK	0.273	0.67	0.160	0.02	.17	.020	
23.2-24.2 pyrite alt andesite ~1% fgpy			1.0	A3484	0.022	0.08					
24.2-25 ~1% fg py in andesite a few gv 1-5cm wide at 40-50° to <del>GA</del>			.8	A3485	0.020	0.08					

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1250.9m</i>
HOLE No. <i>80-E10</i>	BEARING <i>346°</i>
LOCATION <i>17.8m S of BL on section 0+40W</i>	DIP <i>64.5° measured by Brunton</i>
	TOTAL LENGTH <i>36.88m (121 ft)</i>
LOGGED BY <i>RBASNETT</i>	HORIZONTAL PROJECT <i>15.88</i>
DATE <i>SEPT 21, 1980</i>	VERTICAL PROJECT <i>33.28</i>
CONTRACTOR <i>DJ DRILLING</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED	
DATE COMPLETED	
DIP TESTS	<p>TOTAL SULPHIDE SCALE</p> <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
COMMENTS	LEGEND

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-5.2 OVERBURDEN						
				5.2-28 ANDESITE FLOW						
				5.2-6.7 lg. med green, very hard-siliceous with intense epidote alteration in irregular fractures 2-4 mm wide.						
6				6.7-18 dolomite introduced - mod. dol. alt. light green brown a few Qtz veins with minor talc 2-20 cm wide at 50° to CIA very slight network of fracture lines dk grey green (chlorite filled?) dolomite alteration often in specks <1mm dia.						
10				12.4-13.2 FAULT sandy ground up core						
				17.5-18.3 bkn core FAULT?						
20				18-28 more homogenous with the absence of chlorite filled fracture lines; intense dolomite alteration, slight silicification aphanitic texture.						
25										

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%		COMPOSITE ASSAYS
5.2-25 slight pyrite occasional cube of py.		6							
11.1-11.3 gv with slight talc ~40° to CA		10		.2 A3494					
16.8-17 gv ~30° to CA minor tetrahedrite				.2 A3495					
23.8 - arsenopyrite ?		20							
		25							




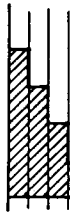
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
25				5.2- 28 ANDESITE FLOW						
				28- 31.1 QUARTZ VEIN with tetrah.						
30				31.1- 33.9 DIABASE DYKE fg. dark grey, with some calcite crystals (anhedral) 1-2mm dia + minor py						
				33.9- 36.9 ANDESITE FLOW dol alt mod, mod. sil. py ~ 5%						
35				END OF HOLE 36.9m (121 ft.)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
25-26.9 py < .1%		25						
26.9-28 pyritic wallrx on hangwall above vein			1.1	A3486	Tr	0.01		
28-29 QV with very fg. speck of tetra diss. throughout.			1.0	A3487	Tr	0.56		
29-30 QV with fg. diss tetra a bit coarser than above sample; minor sphalerite			1.0	A3488	Tr	1.36	} 3.1m @ Tr / 1.06	
30-31.1 QV with some fg pyrite + cg. tetrahedron of tetrahedrite, minor sphalerite		30	1.1	A3489	0.004	2.98		
33.9-35.7 ~5% diss fg py in alt andesite			1.8	A3496	Tr	Tr		
35.7-36.9 ~5% diss py in altered and.			1.2	A3497	0.006	0.09		
		35						

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1253.3 m</i>	
HOLE No. <i>80-E11</i>	BEARING <i>348° measured by Brunton</i>	
LOCATION <i>19.0 m S of BL on section D+40E 1m W of section line D+40E</i>	DIP <i>46°</i>	
	TOTAL LENGTH <i>61 m (200 ft)</i>	
LOGGED BY <i>R Basnett</i>	HORIZONTAL PROJECT <i>42.1</i>	
DATE <i>Sept 23/80</i>	VERTICAL PROJECT <i>44.1</i>	
CONTRACTOR <i>DS DRILLING</i>	ALTERATION SCALE	
CORE SIZE <i>BQ</i>	 <p>absent slight moderate intense</p>	
DATE STARTED	TOTAL SULPHIDE SCALE	
DATE COMPLETED	 <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>	
DIP TESTS <i>@ 61 m (200 ft)</i>	<i>uncorr 55°</i>	<i>corr 46 3/4°</i>
COMMENTS	<u>LAT.</u>	<u>DEP.</u>
<i>30.5 m @ 46°</i>	<i>21.2</i>	<i>21.9</i>
<i>30.5-61 = 30.5 m @ 46 3/4°</i>	<i>20.9</i>	<i>22.2</i>
	<i>42.1</i>	<i>44.1</i>
<p><i>19.2 m S of BL at 14° slope</i></p> <p><i>18.6 m Lat.</i></p> <p><i>4.64 Dep.</i></p>		
LEGEND		

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-9.5 OVERBURDEN						
10				9.5-21.3 ANDESITE FLOW fg, med green, homogenous texture with occasional calcite-epidote filled fracture lines; slight dol alt., slight silicification.						
20				16.6-21.3 becoming more dolomite alt. light brown grey, mod- intense dol alt, slight silicification very few qtz str ~60° to c/a very slight chlorite in irregular fract fillings						
				21-21.8 FAULT broken core.						
30				27.3-27.7 QUARTZ VEIN 27.7-31.1 DIABASE DYKE fg dk grey with diss calcite 2mm dia throughout.						
				31.1-61 ANDESITE FLOW 31.1-45.3 light brown, mod dol alt slight sil. mod network of faint light grey (chlorite?) filled fracture lines.						
40				36.8-37.2 FAULT broken core .2m missing 37.8-38.9 FAULT bkn ground core .9m missing core						



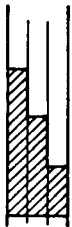
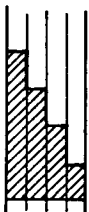
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
40				31.1-61 ANDESITE FLOW						
				41.3-41.4 FAULT? bkn core						
				43.2-43.4 FAULT? bkn core						
				45.3-58.5 light green, mod chlorite fg-aphenitic w mod dol alt + slight silicification slight network of chlorite filled fracture lines						
49				mottled greens - blotchy texture						
				49.4-49.7 FAULT bkn muddy core.						
				58.5-58.8 FAULT? bkn core						
				58.8-59.8 light brown intense dol + sil alt. very pyritic 5% py						
60				59.8-60.4 FAULT bkn gravelly core						
				59.8-61 light grey brown becoming greener with less dol alt towards very end of hole						
				END OF HOLE 61m (200 ft.)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	% Au (oz)	% Ag (oz)	%		COMPOSITE ASSAYS
40-58.8 py <.1%		40							
		49							
58.8-59.8 py alt andesite a few white gtz str. 58.8 py			1.0	A3500	0.072	0.08			
59.8-61.0 very little py		60							

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1253.3m</i>
HOLE No. <i>80-E12</i>	BEARING <i>248°</i>
LOCATION <i>19.8m S of BL on section 0+40E 1m W of section line</i>	DIP <i>64°</i>
	TOTAL LENGTH <i>50 m (164 ft)</i>
LOGGED BY <i>R BASNETT</i>	HORIZONTAL PROJECT <i>21.92</i>
DATE <i>Sept 23/80</i>	VERTICAL PROJECT <i>44.94</i>
CONTRACTOR <i>DJ Drilling</i>	<p>ALTERATION SCALE</p>  <p>absent slight moderate intense</p>
CORE SIZE <i>BQ</i>	
DATE STARTED	
DATE COMPLETED	
DIP TESTS	<p>TOTAL SULPHIDE SCALE</p>  <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
COMMENTS  <i>20m S of BL at slope of 14°</i>  <i>19.4 Lat.</i> <i>4.84 Dep.</i>	LEGEND







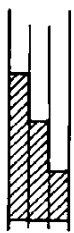
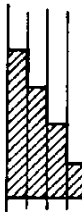
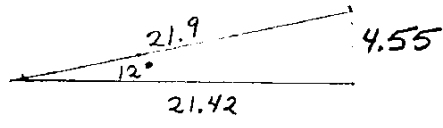
DEPTH Meters	Lithology	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACTURE FREQUENCY
				A	B	C	D	E	
31			323-337 QUARTZ VEIN WITH TETRAHEDRITE						
			347-414 DIABASE DYKE dk gray, lg, with calc. to & py 1-2 cm crystals dis. sparsely throughout.						
10			414-417 QUARTZ VEIN.						
			417-418 FAULT						
			418-502 ANDESITIC FLOW light to red matrix & gneiss and brown, gtz & ill. in matrix in patches otherwise a dark brown texture lg to subvolc.						
50			END OF HOLE 50m (164 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)	
		37					
37.3-38.1 QV with minor fg. specks of tetra + py also some filling fract lines			.8	B6154	Tr	0.26	1.6m @ 0.003/0.52
38.1-38.9 a few coarser blebs of tetrah. + some pyrite filling fract 2-3mm wide; some chlorite along fractures			.8	B6155	0.005	0.78	
		40					
41.4-41.7 gv. with py filling fractures			.3	B6156	Tr	0.18	
43.3-43.4 ground up pyritic andesite from fault zone.			.1	B6157	0.006	0.04	
44.8-50 very little py							

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <b>ELAN</b>	GROUND ELEV. <b>1253.0m</b>
HOLE No. <b>80-E13</b>	BEARING <b>350°</b>
LOCATION <b>22.0m S of BL on section 0+20 E .8m E of section line 0+20 E</b>	DIP <b>45°</b>
	TOTAL LENGTH <b>(37.18m) 122 ft</b>
LOGGED BY <b>R BASNETT</b>	HORIZONTAL PROJECT <b>26.29</b>
DATE <b>SEPT 25/80</b>	VERTICAL PROJECT <b>26.29</b>
CONTRACTOR <b>DJ DRILLING</b>	<p>ALTERATION SCALE</p>  <p>absent slight moderate intense</p>
CORE SIZE <b>BQ</b>	
DATE STARTED	
DATE COMPLETED	
DIP TESTS	<p>TOTAL SULPHIDE SCALE</p>  <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
COMMENTS <b>21.9m S of BL on a hill w slope of 12°</b>	
<p>LEGEND</p> 	

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-8.5 OVERBURDEN						
				8.5- ANDESITE FLOW						
				8.5-11.3 light green, aphanitic, with mod network of fracture lines filled with (dark green) chlorite.						
10				11.3-18.8 med green, f.g., homogenous texture, v slight network of chlorite filled fractures occasional gv at 50° to c/A, mod sil, slight dol alteration.						
				11.3-11.5 FAULT? bkn core.						
				18.8-28 light green brown, becoming 23.3 more altered mod dol alt & mod-intense silicification slight fract network filled with chlorite + gtz						
20				27.9-28 wallrock on l.w of gv has light brown rounded fragments in a med grey matrix						
				28-29.4 QUARTZ VEIN with fg tetrahedrite						
30				29.4-32 DIABASE DYKE						
				29.4-29.5 FAULT fg, dk grey, with diss calcite + pyrite crystals.						
				31.5-32 FAULT bkn core						
				32-37.2 ANDESITE FLOW light grey, green, mod. dol. alt.; slight sil. slight med grey lines filling fractures						
40				35.5-35.7 FAULT bkn core						

END OF HOLE 37.2 m (122 ft)

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
		0						
8.5-27.1 very little pyrite < .1%								
		10						
		20						
27.1-28 pyritic and on (hw) wallrock of gv minor mariposite			.9	B6158	Tr	Tr		
28-28.7 gv with fg tetrahedrite + minor pyrite throughout. some very fine sphalerite			.7	B6159	0.004	2.43		
28.7-29.4 as described above some py in fracture lines.							1.4m @ 0.002 / 1.74	
29.4-37.4 very slight py ~.1%			.7	B6160	Tr	1.04		
		40						

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1253.0 m</i>
HOLE No. <i>80-E14</i>	BEARING <i>350°</i>
LOCATION <i>22.8 m S of BL .8 m E of section line O+20 E</i>	DIP <i>64°</i>
	TOTAL LENGTH <i>50.6 (166 ft)</i>
LOGGED BY <i>R BASNETT</i>	HORIZONTAL PROJECT <i>22.18</i>
DATE <i>Sept 27/80</i>	VERTICAL PROJECT <i>45.48</i>
CONTRACTOR <i>DJ DRILLING</i>	<p>ALTERATION SCALE</p> <p>absent slight moderate intense</p>
CORE SIZE <i>B Q</i>	
DATE STARTED	<p>TOTAL SULPHIDE SCALE</p> <p>traces only &lt; 1% 1% - 3% 3% - 10% &gt; 10%</p>
DATE COMPLETED	
DIP TESTS	
COMMENTS <i>22.7 m S of BL on hill w slope of 12°</i>  <i>4.7 m elevation above BL.</i>	LEGEND



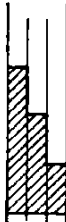
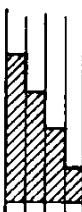


MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%		COMPOSITE ASSAYS
		0							
8.5-24.6 py <.1%									
		10							
		20							
24.6-26.6 cubes of py 2-3 mm diameter ~.2% py.									
26.6-41.8 sparse py ~.1%									
		30							
		40							

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
40				8.5-43.7 ANDESITE FLOW						
				41.8-43.7 qtz stringers 1-10 cm wide ~30° to c/a towards hw of q.v. is a fragmental nature light brown fragments 1-10 mm wide in a light grey fg - aphanitic siliceous matrix. py alt. ~5% py						
43				43.7-45.7 QUARTZ VEIN with tetr.						
				45.7-49.2 DIABASE DYKE						
				45.7-46 FAULT muddy bkn core dk grey fg, calcite crystals throughout						
				47-47.1 FAULT muddy bkn core						
				49.2-50.6 ANDESITE FLOW light grey fg, mud fract filled with light grey chlorite. mod dol alt =light sil.						
				END OF HOLE 50.6m (166 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
		40						
41.8-42.8 py in m-fg cubes ~5% py some irreg. fract lines in qtz stringers filled with py (wall rx)			1.0	B6162	0.009	0.08		
42.8-43.7 as desc. above wall/rx			.9	B6163	Tr	Tr		
		43						
43.7-44.7 gv with slight tetrahedrite specks + some py + tetra in fine fracture fillings			1.0	B6164	Tr	0.19		
							2.0 @	Tr / 0.46
44.7-45.7 gv as described above except slightly more tetrahedrite + some sphalerite			1.0	B6165	Tr	0.72		

## DRILL LOG

PROJECT <i>ELAN</i>	GROUND ELEV. <i>1248.5m</i>
HOLE No. <i>80-E15</i>	BEARING <i>352°</i>
LOCATION <i>49.0m S of BL on section 0+20E</i> <i>1m E of section line.</i>	DIP <i>44½°</i>
	TOTAL LENGTH <i>70.7m (232ft)</i>
LOGGED BY <i>R BASNETT</i>	HORIZONTAL PROJECT <i>49.33</i>
DATE <i>OCT. 01/80</i>	VERTICAL PROJECT <i>50.63</i>
CONTRACTOR <i>DJ DRILLING</i>	ALTERATION SCALE
CORE SIZE <i>BQ</i>	 absent slight moderate intense
DATE STARTED	TOTAL SULPHIDE SCALE
DATE COMPLETED	 traces only < 1% 1% - 3% 3% - 10% > 10%
DIP TESTS acid test.      uncorr      corr <i>@ 232 ft      44½°      47°</i>	
COMMENTS <i>27.2 m S of E14 on sect 20E</i> <i>measured on a slope of 10°:</i>	LEGEND
<i>27.2m      4.7m</i>	
<i>26.786</i>	
	<u>LAT</u> <u>DEP</u>
<i>0-35.35m @ 44½°</i>	<i>25.22      24.78</i>
<i>35.35-70.7m @ 47°</i>	<i>24.11      25.85</i>
	<u>49.33      50.63</u>





DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	
					A	B	C	D	E		
30				12.8-38.5 ANDESITE FLOW 30-37.3 light + med mottled greens mod sil slight, dol alt., calcite in narrow fillings 1mm wide often assoc with chlorite							
38				37.3-38.5 light brown green mod dol alt slight sil. mod calcite fillings 1-2mm wide 38.5-49 DACITE TUFF or FLOW BRECCIA 38.5-49 light green aphanitic texture with faint layers of bedding approx. 45-50° to CA with dark green stretched fragments along bedding 5mm wide 10mm long. mod sil alt. some fragments of light green material in dk green matrix.							
50				49- ANDESITE FLOW 49-61 slight dol alt. → mod sil., light grey green with calcite fillings in areas 1-2cm wide slight fragmental nature in places. occasional rounded Qtz filled with chlorite rim 1-2cm wide							
60				61-64.7 light brown with mod network a fine dk grey (chlorite) filled fracture lines, some Qtz stringers 2-20 mm wide 45-50° to CA w. minor talc.							



MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
30-38.5 occasional py cubes 1-2mm dia.		30						
38.5-49 py <.1%		38						
49-64.3 occasional lg cube of pyrite up to 1cm wide otherwise py very scarce.		50						
		60						
64.3-64.7 py altered wall rx ~5% py in mg cubes.			.4	B6167	Tr	0.04		

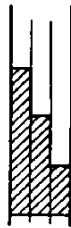
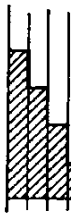
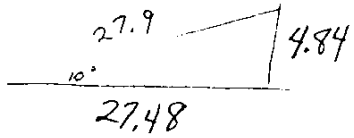
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
64				49-64.7 ANDESITE FLOW						
				64.7-65.3 QUARTZ VEIN with slight tetra + pyrite						
				65.3-67.9 DIABASE DYKE fg dk grey with anhedral calcite crystals ~1-2mm wide + minor py.						
				66.8-66.9 FAULT muddy core						
67				67.9-70.7 ANDESITE FLOW fg very inhomogenous mottled greys + browns with mod network of dk grey fract lines giving a fragmental effect in places slight dolomite alteration mod sil.						
				68.5-68.9 FAULT very muddy core END OF HOLE 70.7m (232 ft)						



AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <b>ELAN</b>	GROUND ELEV. <b>1248.5m</b>												
HOLE No. <b>80-E16</b>	BEARING <b>352°</b>												
LOCATION <b>49.7m S of BL on sect 0+20E 1m E of section line.</b>	DIP <b>57°</b>												
	TOTAL LENGTH <b>92.96m (305 ft)</b>												
LOGGED BY <b>R Bassett</b>	HORIZONTAL PROJECT <b>47.5</b>												
DATE <b>Oct 02/80</b>	VERTICAL PROJECT <b>79.9</b>												
CONTRACTOR <b>DJ DRILLING</b>	<b>ALTERATION SCALE</b>  <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>intense</li> </ul>												
CORE SIZE <b>BQ</b>													
DATE STARTED	<b>TOTAL SULPHIDE SCALE</b>  <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>1% - 3%</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>												
DATE COMPLETED													
DIP TESTS <b>@ 305 ft</b>	<table style="margin-left: auto; margin-right: auto;"> <tr> <td><i>uncorr</i></td> <td><i>corr</i></td> </tr> <tr> <td><b>68°</b></td> <td><b>61½°</b></td> </tr> </table>	<i>uncorr</i>	<i>corr</i>	<b>68°</b>	<b>61½°</b>								
<i>uncorr</i>	<i>corr</i>												
<b>68°</b>	<b>61½°</b>												
COMMENTS	LEGEND												
<p><b>27.9 m S of E14 on sect 20E measured on a slope of 10° (right on section)</b></p>  <table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>LAT</u></th> <th style="text-align: center;"><u>DEP</u></th> </tr> </thead> <tbody> <tr> <td><b>0 - 46.5 = 46.5m @ 57°</b></td> <td style="text-align: center;">25.3</td> <td style="text-align: center;">39.0</td> </tr> <tr> <td><b>46.5 - 92.96 = 46.5m @ 61.5°</b></td> <td style="text-align: center;">22.2</td> <td style="text-align: center;">40.86</td> </tr> <tr> <td></td> <td style="text-align: center; border-top: 1px solid black;">47.5</td> <td style="text-align: center; border-top: 1px solid black;">79.86</td> </tr> </tbody> </table>			<u>LAT</u>	<u>DEP</u>	<b>0 - 46.5 = 46.5m @ 57°</b>	25.3	39.0	<b>46.5 - 92.96 = 46.5m @ 61.5°</b>	22.2	40.86		47.5	79.86
	<u>LAT</u>	<u>DEP</u>											
<b>0 - 46.5 = 46.5m @ 57°</b>	25.3	39.0											
<b>46.5 - 92.96 = 46.5m @ 61.5°</b>	22.2	40.86											
	47.5	79.86											

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-9.1 OVERBURDEN						
10				9.1-13.9 ANDESITE FLOW med green f.g., mod calcite alteration, slight silicification						
				10.9-17.2 bkn core (<10cm pieces) FAULT ZONE?						
				13.1-13.2 FAULT muddy core						
				13.9-14.1 FAULT bkn core.						
				13.9-30.6 DACITE TUFF or FLOW BRECCIA						
15				13.9-30.6 moderate calcite alteration in irregular patches or fine veinlets ~1mm wide. light green with flattened stretched fragments 5-10mm long, mod calcite alt, slight silicification, some fragmental areas ~1 cm wide with light green fragments in a dark green matrix fg wispy texture.						
				16.2-17.1 FAULT bkn core						
				19.3-19.4 FAULT? bkn core						
20				20.7-21 FAULT? bkn core						
30				28.2-30.6 slightly darker green banding more distinct at 60° to C/A.						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au	Ag		
		0						
9.1-13.6 py <.1%		10						
13.6-14.0 gv ~60° to c/A mixed with fine calcite. Dolomitized volc frag. (med grey) throughout fg. py assoc w fragments.		15		4 B6170	Tr	0.01		
18.1-18.4 gv 5cm wide 60° to c/A with fg py sample taken includes pyrite, dd, sil alt. hw + fw volcanics				3 B6171	0.004	0.01		












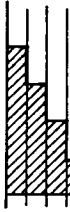
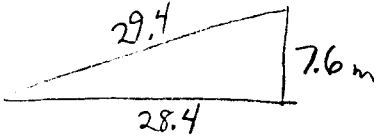
DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
82				82-86.5 ANDESITE FLOW						
				86.5-91.1 DIABASE DYKE fg. dk grey, with 1-2mm dia anhedral calcite crystals minor py. and occasional calcite stringers.						
85				87.1-87.3 FAULT muddy core						
90				91.1-91.7 QUARTZ VEIN						
				91.7-93 ANDESITE FLOW mod del alt slight-mod silicification slight network of fine dk grey fract lines						
				91.7-92 FAULT bkn core END OF HOLE 93m (305 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au	Ag		
82.9 - 84 py alt volc with a number of 2-3cm Qtz stringers at various angles (single phase veining)		82	1.1	B6179	Tr	0.15		
84 - 84.3 Qtz vein 50° to ch with py + graphite? in irreg fractures			.3	B6180	Tr	Tr		
84.3 - 86 py alt ~5% py in fg cubes some narrow Qtz str		85	1.7	B6181	Tr	0.01		
86 - 86.2 gv with chl-graphite in fract lines			.2	B6182	Tr	Tr		
86.2 - 86.5 cg. py alt ~5% py			.3	B6183	Tr	Tr		
91.1 - 91.7 gv with minor chl + py in f fracture lines		90	.6	B6184	Tr	Tr		
91.7 - 92 py alt cg cubes ~5%			.3	B6185	Tr	Tr		

AJM EXPLORATIONS LTD.

MINERALS SECTION

DRILL LOG

PROJECT <b>ELAN</b>	GROUND ELEV. <b>1241.8m</b>												
HOLE No. <b>80-E17</b>	BEARING <b>350°</b>												
LOCATION <b>67.6 m S of BL on section 0+00</b>	DIP <b>60°</b>												
	TOTAL LENGTH <b>115.4m (378.5 ft)</b>												
LOGGED BY <b>R BASNETT</b>	HORIZONTAL PROJECT <b>54.37</b>												
DATE <b>OCT 03/80</b>	VERTICAL PROJECT <b>101.72</b>												
CONTRACTOR <b>DJ DRILLING</b>	ALTERATION SCALE												
CORE SIZE <b>BQ</b>	 <ul style="list-style-type: none"> <li>absent</li> <li>slight</li> <li>moderate</li> <li>intense</li> </ul>												
DATE STARTED	TOTAL SULPHIDE SCALE												
DATE COMPLETED	 <ul style="list-style-type: none"> <li>traces only</li> <li>&lt; 1%</li> <li>1% - 3%</li> <li>3% - 10%</li> <li>&gt; 10%</li> </ul>												
DIP TESTS <b>uncorrected @ 378.5ft 70°</b>	<b>corrected 63 3/4°</b>												
COMMENTS <b>(E3 is 39.2 m S of BL)</b> <b>anchor 29.8 m S of 80-E3 @ 15° slope</b> <b>hole 29.4 m S of 8-E3 @ 15° slope</b>	LEGEND												
													
	<table border="0"> <thead> <tr> <th></th> <th><u>LAT.</u></th> <th><u>DEP.</u></th> </tr> </thead> <tbody> <tr> <td>0-57.7 = 57.7m @ 60°</td> <td>28.85</td> <td>49.97</td> </tr> <tr> <td>57.7-115.4 = 57.7m @ 63 3/4°</td> <td><u>25.52</u></td> <td><u>51.75</u></td> </tr> <tr> <td></td> <td>54.37</td> <td>101.72</td> </tr> </tbody> </table>		<u>LAT.</u>	<u>DEP.</u>	0-57.7 = 57.7m @ 60°	28.85	49.97	57.7-115.4 = 57.7m @ 63 3/4°	<u>25.52</u>	<u>51.75</u>		54.37	101.72
	<u>LAT.</u>	<u>DEP.</u>											
0-57.7 = 57.7m @ 60°	28.85	49.97											
57.7-115.4 = 57.7m @ 63 3/4°	<u>25.52</u>	<u>51.75</u>											
	54.37	101.72											

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY
					A	B	C	D	E	
0				0-13.4 OVERBURDEN						
				13.4-21.9 ANDESITE FLOW light grey brown, mod dol alt mod silicification an occasional qtz str 30-60° to CIA 1-15 cm wide. minor chlorite filling fractures.						
20				21.9-37.2 dk green, intense chl., mod dol + calcite alt. calcite + chlorite filling fractures calcite throughout in fine diss.						
				27.2-27.9 FAULT bkn muddy core						
30										
				37.2-41.5 light green, slight chlorite alteration, chlorite (dk green) filled fractures slight network mod dol alt; slight sil alt.						
40				41.5-52.1 ANDESITE FLOW BRECCIA -light brown green, intense silicification, dk green chlorite dol. filled fracture network. 1-40 cm wide fract often containing light green fragments completely enclosed. some qtz chlorite mixtures filling fractures. calcite in fract fillings also						
50										

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
		0						
13.7-14.4 - pyritic andesite (5% mg py cubes) with g.v. ~ 60° to $\phi$ A with minor chlorite.			.7	BL89	Tr	Tr		
14.4-14.8 mg-cg py alt. 5% py		20						
14.8-50 ~1% py rare py cubes.								
		30						
		40						
		50						

DEPTH (METRES)	% Core Recy	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION					FRACT INTENSITY	
					A	B	C	D	E		
50				52.1- ANDESITE FLOW 52.1-53 fine grained, light brown green fairly homogenous texture, slight fract line network chlorite filled mod dol + sil. alteration. 55.8-56 FAULT? - bkn core } chlorite coating 56.6-57.2 FAULT? bkn core } fractures on 57.6-58.5 FAULT? bkn core } pieces of bkn core							
52				occasional qtz stringer 30-50° to C/A. 53-76 fine-grained light to med. green slight dol + sil alt. occasional chlorite filled fract lines.							
70				76-78.1 light green brown, intense sil, mod dol alt. 3 narrow qtz stringers 20-45° to C/A 2-15 cm wide.							
85				78.1-89.8 fg dk green mod calcite + dol. alt., mod chl., slight sil. minor chl + cal filling fract.							
				89.8-91 very intensely sil. 89.8-106 fg light grey, intense sil, mod dol alt., fairly homogenous with rare q. str at 50° to C/A							
95				93.3-93.5 FAULT? bkn core.							





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

95				52.1- ANDESITE FLOW						
105				106-108.1 QUARTZ VEIN WITH SLIGHT TETRAHEDRITE						
				108.1-109.3 ANDESITE FLOW pyritic, intense dol + sil alt. fg light brown rock						
				109.3-110.6 QUARTZ VEIN very minor tetrah						
110				110.6-111.6 ANDESITE FLOW fg, light grey, pyritic intensely dol + sil alt rx.						
				111.6-112.5 FAULT bkn muddy core.						
				111.6-114.9 DIABASE DYKE fg dk grey anhedral calcite crystals.						
115				114.9-115.4 ANDESITE FLOW py dol sil alt rx						
				END OF HOLE 115.4 m (378 1/2 ft)						

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	INTERVAL	WIDTH	ASSAY NUMBER	%	%	%	COMPOSITE ASSAYS
					Au (oz)	Ag (oz)		
95-98.6 py .1-.2%		95						
98.6-99.6 cg cubes of py ~5% py in andesite			1.0	B6191	Tr	Tr		
99.6-100.6 cg cubes of pyrite ~5% py in andesite			1.0	B6192	Tr	0.01		
103.8-104.8 py and. 5% py		105	1.0	B6193	Tr	0.01		
104.8-106 py and. 5% hw w/tx fg cubes of py			1.2	B6194	0.018	0.04		
106-107 QV with very fg diss tetra + py in fract.			1.0	B6195	0.006	1.38	} 2.1 @ 0.003/0.66	
107-108.1 QV with py + chlorite in fract fillings			1.1	B6196	Tr	Tr		
108.1-109.3 very pyritic (>5% py) in cg cubes between 2 q.v.'s			1.2	B6197	0.004	0.08		
109.3-110.6 QV. with very slight tetrahedrite		110	1.3	B6198	0.024	0.10		
110.6-111.4 wall rx fw of q.v.			1.5	B6199	0.008	0.10		
		115						

MIN-EN LABORATORIES LTD.

705 WEST 15TH STREET  
 NORTH VANCOUVER, B.C.  
 Phone: 980-5814

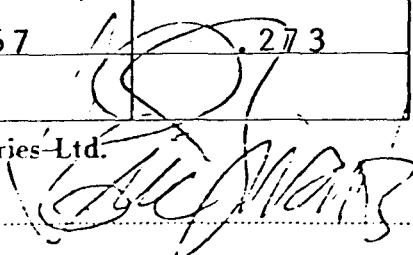
Certificate of Assay

TO: AJM Explorations, PROJECT No. \_\_\_\_\_  
203-1209 E. 4th St., DATE Oct. 11/80.  
North Vancouver, B.C. File No. 0-963

SAMPLE No.	Cu %	Zn %	Ag	Au
			oz/ton	oz/ton
3421	1.700	.72	35.10	.040
22	1.730	.69	36.20	.040
23	.152	.03	3.82	.002
26	.794	.42	15.80	.011
27	.398	.17	8.26	.001
28	.010	.01	.19	.001
34	.249	.06	5.91	.001
35	.518	.10	11.45	.003
37	.397	.13	8.42	.002
38	.008	.01	.18	.001
40	1.860	1.06	38.40	.057
41	.018	.02	.36	.001
42	.012	.01	.29	.011
47	.402	.49	8.16	.010
48	.680	.14	14.10	.006
55	.592	.29	12.28	.002
56	.080	.02	2.23	.001
64	.038	.01	.52	.017
65	.029	.01	.73	.032
70	.268	.05	5.29	.002
3481	.160	.02	.67	.273

MIN-EN Laboratories Ltd.

CERTIFIED BY \_\_\_\_\_



MIN-EN LABORATORIES LTD.

705 WEST 15TH STREET  
 NORTH VANCOUVER, B.C.  
 Phone: 980-5814

Certificate of Assay

TO: AJM Explorations,

PROJECT No. \_\_\_\_\_

203-1209 E. 4th St.,

DATE Oct. 28/80.

North Vancouver, B.C.

File No. 0-963R

SAMPLE No.	As %	Sb %		
3421	.18	1.015		
22	.15	.980		
23	.02	.082		
26	.08	.480		
27	.04	.255		
28	.02	.001		
34	.03	.192		
35	.02	.295		
37	.03	.305		
38	.04	.030		
40	.23	1.230		
41	.04	.002		
42	.15	.002		
47	.03	.220		
48	.08	.405		
55	.04	.410		
56	.03	.040		
64	.13	.003		
65	.04	.003		
70	.03	.185		
3481	.17	.020		

MIN-EN Laboratories Ltd

CERTIFIED BY

















SAMPLE REPORT

Copied  
to here

SEPT. 12/80

Sheet 11/12

Sample Number	Location	Description	Width	Au (ozs.)	Ag (ozs.)
A-2457	SD-116 31.7-32.3	gv	.6	0.002	2.70



























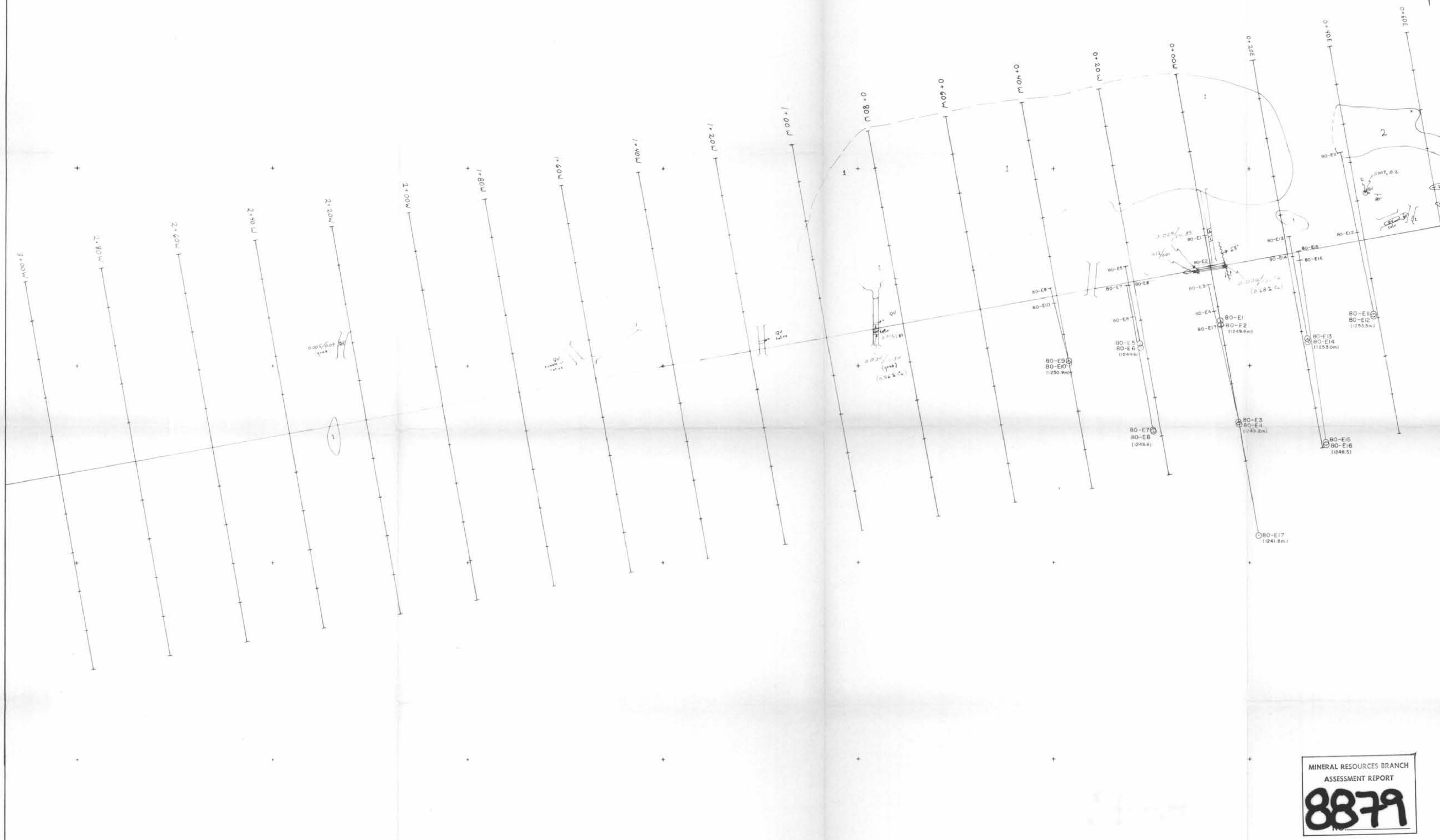
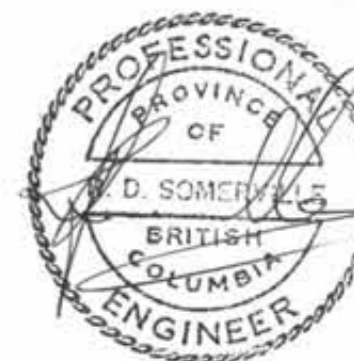
# SAMPLE REPORT

Oct 03/80

OCT. 4/80

Sample Number	Location	Description	Width	Au (ozs.)	Ag (ozs.)
B6170	80-E16 13.6-14.0	qu w py + frsg	.4	TR	0.01
B6171	80-E16 18.1-18.4	qu + wfx	.3	0.004	0.01
B6172	80-E16 64.2-64.3	qu	.1	TR	TR
B6173	80-E16 77.1-77.4	py alt	.3	TR	TR
B6174	80-E16 77.6-78	py alt	.4	TR	TR
B6175	80-E16 79.6-80.6	py alt hw	1.0	0.006	0.08
B6176	80-E16 80.6-81.4	py alt hw	.8	0.010	0.11
B6177	80-E16 81.4-82	qu w tetra	.6	0.014	4.67
B6178	80-E16 82-82.9	py alt fw	.9	0.006	0.12
B6179	80-E16 82.9-84	g str + py alt.	1.1	TR	0.15
B6180	80-E16 84-84.3	qu	.3	TR	TR
B6181	80 E16 84.3-86	py alt	1.7	TR	0.01
B6182	80-E16 86-86.2	qu	.2	TR	TR
B6183	80-E16 86.2-86.5	py alt	.3	TR	TR
B6184	80-E16 91-91.7	qu	.6	TR	TR
B6185	80-E16 91.7-92	qu alt	.3	TR	TR





- SYMBOLS**
- Drift covered area: [Symbol]
  - Rock outcrop area of outcrop, float X [Symbol]
  - Geological boundary (defined, approximate, interpreted): [Symbol]
  - Bedding, tops known (horizontal, inclined, vertical, overturned, dip unknown): [Symbol]
  - Bedding, tops unknown (inclined, vertical, dip unknown): [Symbol]
  - Schistosity, gneissosity, cleavage, foliation (horizontal, inclined, vertical, dip unknown): [Symbol]
  - Lamination, axes of minor folds (horizontal, inclined, vertical): [Symbol]
  - Drag-fold (arrow indicates plunge): [Symbol]
  - Fault (inclined, approximate, interpreted): [Symbol]
  - Fault (solid circle indicated downthrow side, arrows indicate relative movement): [Symbol]
  - Thrust fault (approximate, interpreted): [Symbol]
  - Shearing and dip: [Symbol]
  - Joint (horizontal, inclined, vertical, dip unknown): [Symbol]
  - Syncline (defined, approximate): [Symbol]
  - Anticline (defined, approximate): [Symbol]
  - Anticline and syncline (overturned): [Symbol]
  - Intensity (weak, moderate, strong): [Symbol]
  - Quartz Vein: [Symbol]
  - Syenite: [Symbol]
  - Andesite: [Symbol]
  - Trench: [Symbol]
  - Adit or tunnel: [Symbol]
  - Rock dump or tailing: [Symbol]
  - Quarry or mine: [Symbol]
  - Shaft, raise, winze: [Symbol]
  - Diamond-drill hole: [Symbol]

- Contours: 2500 C.I.
- Stream or creek (Perennial, intermittent): [Symbol]
- Marsh: [Symbol]
- Lake: [Symbol]
- Road: [Symbol]
- Jeep Road: [Symbol]
- Trail: [Symbol]
- Trees: [Symbol]

SCALE 1:500

MINERAL RESOURCES BRANCH  
ASSESSMENT REPORT  
**8879**

AJM EXPLORATIONS LTD.

ELAN  
GEOLOGY & DIAMOND DRILLING

Project No. 1019 Mining Division LIARD

Latitude 59°17' Longitude 129°44'

NTS 1:04 PYS

To Accompany A Report By: R SOMERVILLE, P.Eng.  
Dated: \_\_\_\_\_

Map No. \_\_\_\_\_

Bulk Sample of Quartz Vein from Bl at 00W

Cu %	Ag %	As %	Sb %
.840	20.60	.08	.55