

DRILLING  
PROGRESS REPORT

ON

EXPLORATION

OF

WAR EAGLE, FALCON

AND RELATED CLAIMS

OF

MAGGIE MINES LIMITED

LAT. 49°39'; LONG 123°02', NTS. 92G-11E

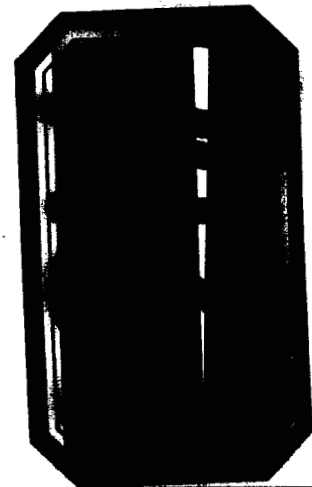
SQUAMISH AREA

VANCOUVER MINING DIVISION

By

T.E. LISLE, P. ENG.

May 20, 1981



81-#650-9437

Telephone: Office 685-2914  
Res. 224-7309

R. H. SERAPHIM ENGINEERING LIMITED  
GEOLOGICAL ENGINEERING

316 - 470 GRANVILLE STREET  
VANCOUVER, B.C. V6C1V5

May 21, 1981

Mr H. Hopkins  
President, Maggie Mines Ltd.  
Box 132, Brackendale, B.C.

Dear Sir.

Herewith is our report on exploration being carried out on the War Eagle and related claims near Squamish B.C. As you requested, we have compiled assay, drill, and cost data as appendices to the report.

The cost data has been derived from a number of sources as shown in appendix 4. For reasons of time we have not made a detailed analysis of costs and doubt whether this would be necessary.

We have also prepared from your work sheets, a plan showing the layout of drill holes completed to April 30, 1981. Also shown on this map are a few sections with assay intercepts of interest.

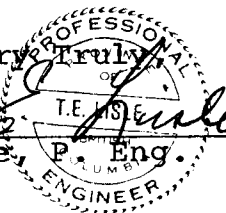
Mr. Archibald appears to me to have a good grasp on the geology of volcanogenic sulphide deposits, and my examinations leave me with the impression that the program is being carried out in a professional manner.

9437

Yours Very Truly,

T. E. Lisle

P. Eng.



THE CORE IS STORED IN BRACKENDALE T/K

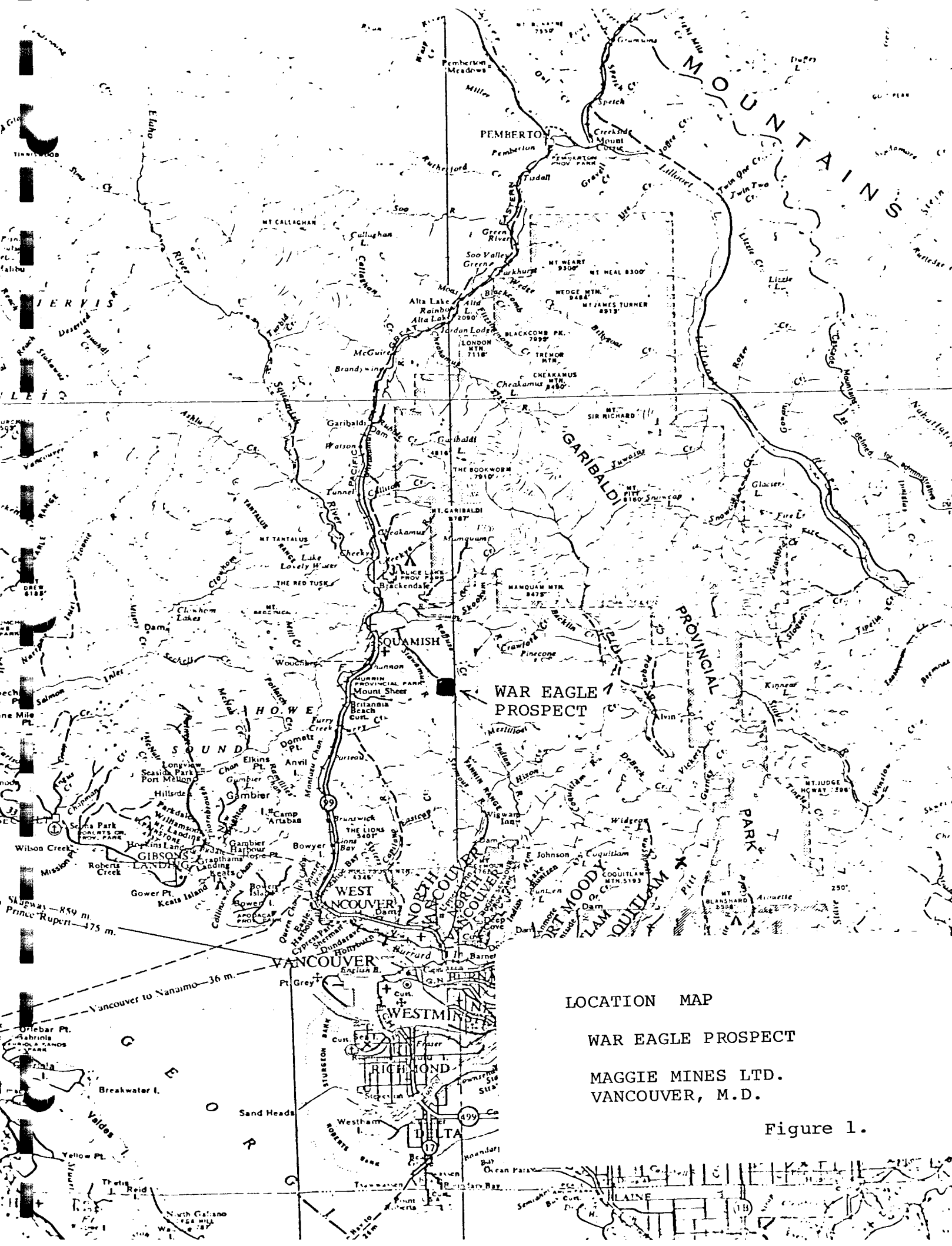
PROGRESS REPORT  
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SQUAMISH AREA  
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WAR EAGLE PROSPECT

LOCATION MAP

WAR EAGLE PROSPECT  
 MAGGIE MINES LTD.  
 VANCOUVER, M.D.

Figure 1.

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Appendix 2	Assay Compilation
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Appendix 4 (A)	Summary of Allocation

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Location Map.	Fig. 1
Claim Map	Fig. 2
Geochemical Map (adapted from 1978-79 data	Fig. 3
Plan & Sections showing drilling completed to May 5, 1981. Scale 1:5000 & 1:500	Fig. 4

SUMMARY

Maggie Mines Limited are currently investigating the War Eagle prospect located near Squamish in the Vancouver Mining Division. The target of exploration is volcano-genic massive sulphide deposits containing copper, lead, zinc, gold and silver.

Previous exploration, mainly in the 1977 to 1979 period, included trenching, a short tunnel, surface geological, geochemical and magnetic surveys and 1,322.2 meters (4,338 feet) of surface drilling that resulted in intercepts of sub-ore grade mineralization.

The current drilling program, under the direction of geologist and company director George Archibald, has included 1,725 meters (5,659 feet) of drilling in 15 holes to May 5, 1981. Drill hole No. 16 was in progress at that time. All of the drilling is in the same general area of the portal.

This work has resulted in a number of high grade drill intercepts commonly within lower grade mineralization. The best intercept is in hole M-15 that assayed 1.28% Cu, 4.60% Pb., 7.30% Zn, and 0.67oz. Ag. over 4 feet. This mineralization is believed to be related to the mineralized shear zone cut in the tunnel, and may be subparallel to it.

The higher grade mineralization is present in narrow, cross-cutting stringer zones that would be important if sufficient quantities could be outlined. These higher grade zones however are scattered and continuity

between them appears uncertain in spite of the number of drill holes completed.

Before proceeding with exploration in the Clark-Janette area of the property it is the intent of the company to:

- (a). Drill 4 additional holes approximately 125 meters each in the area up-slope and north of the present drilling.
- (b). Investigate the area of geochemical interest (Fig. 3) lying approximately 1,000 meters south-east of the portal area.
- (c). Attempt to use geophysics to prospect drift covered areas along the apparent trend of the main mineralized zone.

In addition to exploring new ground, this program should give additional geologic perspective on the mineralized area. On completion of the program, it is suggested that all technical data be updated and reviewed for the purpose of determining the further course of exploration.

Funds expended on the property to April 30, 1981 are estimated at \$525,939.49

INTRODUCTION

Maggie Mines Limited are presently carrying out an exploration program on the War Eagle and related claims located near Squamish in the Vancouver Mining Division. Exploration includes diamond drilling and geological studies and forms part of a program reviewed and described by A.E. Nevin, Ph.D., P. Eng. in reports dated June 30 and September 18, 1980.

The current program is under the direction of George F. Archibald, geologist, who is also a director of the Company.

Mr. H. Hopkins, president of Maggie Mines Ltd. requested the writer to visit the property and prepare a progress report with a brief summary of previous work and expenditures.

The writer was at the property on April 30 and May 5, 1981. At this time snow covered most of the area being investigated.

Much of the drill core from the current drilling was examined, technical data was reviewed, and discussions held with Mr. Archibald.

Some of the data contained in this report has been compiled from the references cited. Other data has been obtained from the company. While the accuracy of the data is not guaranteed, it is believed to present a reasonably close account of exploration carried out at the property to date.



LOCATION

The claims cover the divide between the upper drainage of the Indian River flowing southeast and the Stawamus River flowing northwest. (Fig. 1 & 2) Lat.  $49^{\circ}38'$ , Long.  $123^{\circ}17'$ , N.T.S. 92G 10W/11E.

The claim area is mountainous and rugged and has been partly logged. A hydro transmission line passes through the property. The portal is approximately 810 meters above sea level.

Access is by rough 4 wheel drive road from Squamish, a distance approximately 8 kilometers. A helicopter is necessary for access to some areas at higher elevations.

CLAIMS

The property is reported to be comprised of 84 units in 11 claims. Much of the work from 1977 to the present has been concentrated on the War Eagle Claim.

In May, 1980, the writer examined the Legal corner post of the Bob Claim while carrying out assessment work. No examination of other posts in the field was undertaken for this review.

Recent changes to the Mineral Act allow for the grouping of up to 100 claims or units for assessment purposes. This course of action should be considered for claim holdings of Maggie Mines at this property.

The claim locations are believed to be as shown on Figure 2.

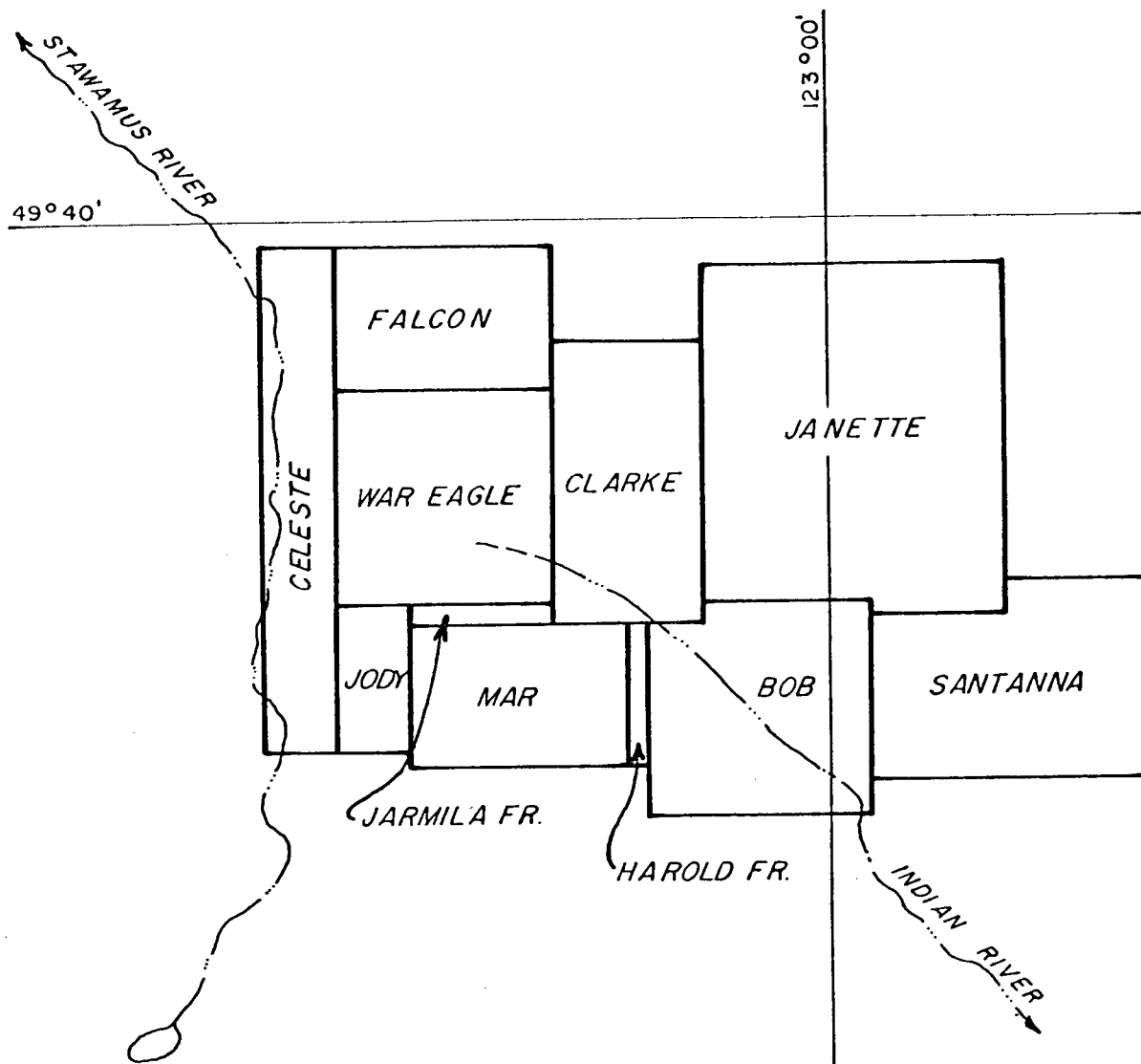
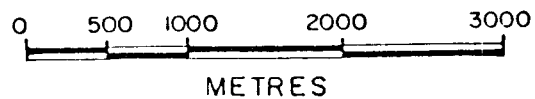


FIGURE NO. 2

PLACER DEVELOPMENT LIMITED  
MAGGIE MINES LIMITED  
VANCOUVER MINING DIVISION

### CLAIMS MAP



METRES

NOV., 1978. V-159 W.P. (J.L.)

FILE NO 78-II-V-159-13B-0028

REPRODUCED  
DIRECTLY FROM MARCH, 1979  
PLACER DEVELOPMENT REPORT

Figure 2.

PREVIOUS WORK

The prospect area may have been covered by the ABC Group in 1918 when a 30 foot tunnel was driven into the bank of the northerly tributary of the Indian River.

1969 - 1970: The prospect area was held by New Jersey Zinc Exploration Co. (Canada) Ltd. and Croyden Mines Ltd. Exploration consisted of a Turam Geophysical Survey followed by several diamond drill holes. (location)?

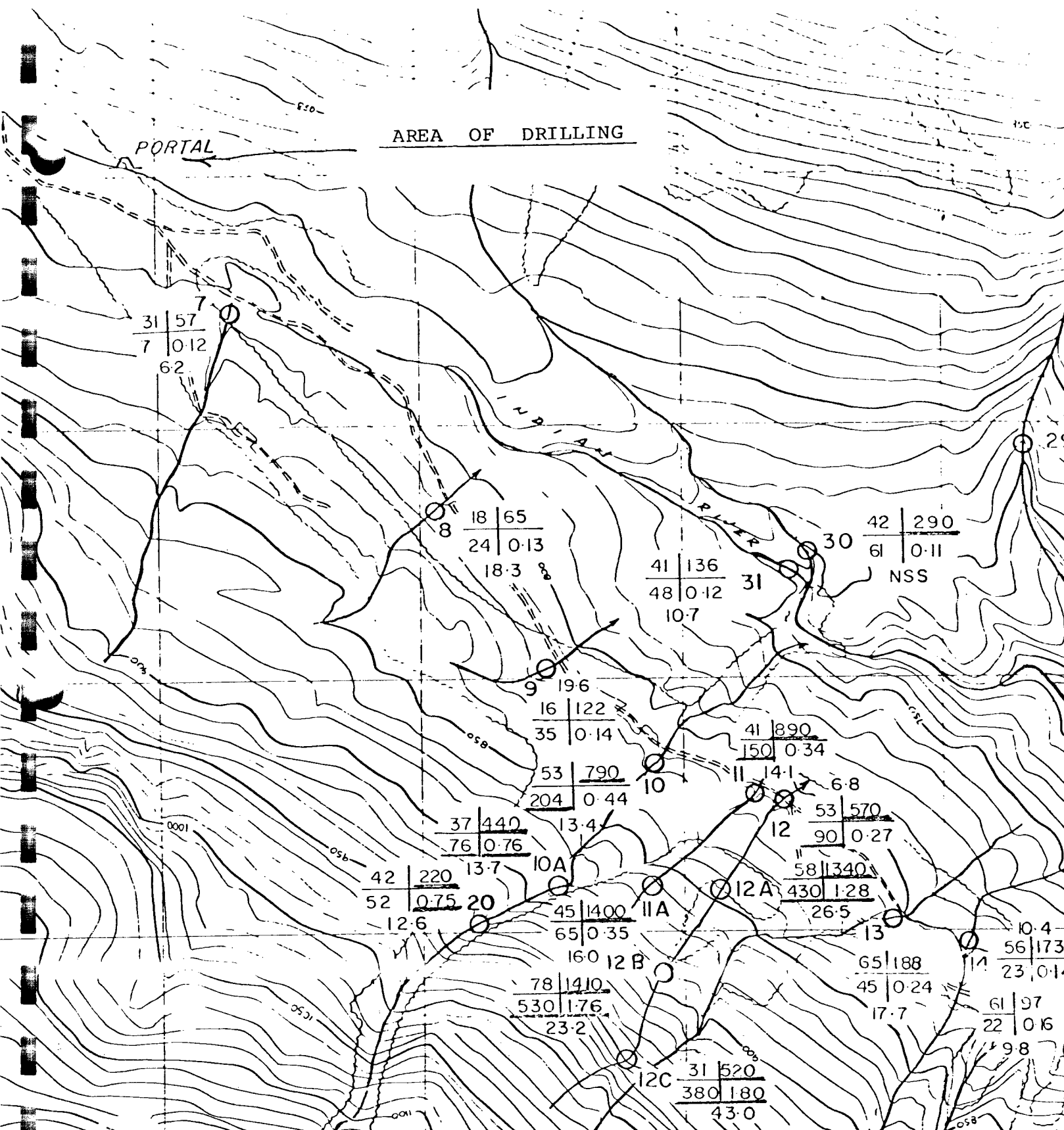
1977: Maggie Mines Ltd. drove underground workings (77 foot tunnel - 33 foot cross cut & 15 to 20 foot raise) and carried out surface trenching.

1978: Property optioned to Placer Development Ltd. Program comprised - reconnaissance mapping, steam & soil sampling, limited trenching, detailed geologic and magnetic surveys (600 meter x 600 meter grid) and 7 drill holes aggregating 900 meters.

1979: Placer Option Continued. Program consisted of magnetic survey and 4 drill holes aggregating 423.1 meters.

CURRENT PROGRAM

Subsequent to 1980 reports by A.E. Neven, P. Eng., Maggie Mines Ltd. has completed 1725 meters of drilling 15 holes. Hole No. 16 is currently being drilled. It is the intent of the company to drill four additional exploratory holes (approximately 500 meters) in the area north of the portal. (Fig. 4 ) An attempt to delineate areas of interest by geophysics will also be made.



Cu	Zn	PPM
Pb	Ag	

Maggie Mines Ltd.  
 Area of Geochemical Interest  
 Southeast of Drill Area

Adapted from 1978 Maps

Scale 1 : 5000

Figure 3.

Further investigation of the area of geochemical interest southeast of the portal is also planned, (Fig.3) and if sufficiently encouraging, this area may be drilled.

When snow conditions permit, it is the intent of the company to carry out exploration on the Clarke-Jannette part of the Claim holdings, as proposed in the above reports. A bulldozer road was reportedly constructed to this area during the past winter. This area was not examined.

#### GEOLOGY

The geology of the War Eagle prospect has been described in reports by Placer Development Limited; R.H. Seraphim, Ph.D., P. Eng., and recently summarized in reports by A.E. Nevin, Ph.D., P. Eng. The reader is referred to these reports for detail.

The broad outlines of the geology are as follows:

- The claim area is underlain by Jurassic metavolcanic and metasedimentary rocks of the Gambier formation; and by Crétaceous intrusive rocks.
- Volcanic rocks are more prevalent than sedimentary rocks, and are dominated by rhyolitic and dacitic flow and fragmental units. Sedimentary rocks are mainly confined to narrow zones of argillite, siltstone, and sandstone.
- The main structural trend of the various units is northwest, in part, parallel to the Indian River. Dips are commonly steeply south, or locally north.
- Volcanogenic type mineralization (chalcopyrite, pyrrhotite, pyrite, sphalerite and galena with minor amounts of gold and silver) is present in a structurally complex area on the War Eagle Claim.

The mineralization is spatially related to a comparatively small but conspicuous agglomerate unit, and a zone of rhyolite breccia postulated by some geologists to be a vent trending west-northwest. All of the drilling to date has been completed in this area. Alteration includes silicification, biotite and locally very strong chlorite.

Geological studies related to current program are incomplete. Discussions with Mr. Archibald on the present drilling has revealed the following:

Mineralization is locally present in argillaceous rocks, but the better mineralization is generally near the top of a flat lying zone of silicified rhyolite tuff in the order of 50 to 75 meters thick. The zone is underlain by dacite and overlain by agglomerate.

The mineralized zones contain 0.5% to 10% disseminated pyrite, and variable amounts of chalcopyrite, sphalerite, and galena, commonly in crosscutting veinlets and fractures. Fine mineralized laminae are locally present (DDH M-9).

A second mineralized zone, with lower grade mineralization has been noted in drill holes 79-4., M-1,2,13 and 14. This zone is approximately 75 meters below the upper zone and separated by altered dacite.

The stratigraphy and structure of the mineralized zone is complex and there is rising doubt as to whether the rhyolite breccia is, in fact, a vent zone.

MINERALIZATION - ASSAY DATA

Dr. R.H. Seraphim, Ph.D., P. Eng. reported on mineralization in the tunnel as follows "The mineralized zone in the new tunnel consists of irregular lenses and dissiminations of sulphides, pyrite, chalcoppyrite, sphalerite, and galena in rock so strongly sheared, shattered, and altered, that the original rock type is indeterminate".

Sampling in the tunnel is reported to have averaged about 0.50% Cu., 0.35% Zn., and 0.20% Pb. The tunnel follows the trend of the shear zone.

Drill hole number 15 located slightly north of the tunnel and drilled south showed good assays of copper, lead, zinc, and silver that may be related to the trace of the same mineralized shear zone. These include the following:

<u>Hole</u>	<u>From</u>	<u>To</u>	<u>% Pb.</u>	<u>% Zn.</u>	<u>% Cu.</u>	<u>Au(oz.)</u>	<u>Ag(oz.)</u>
M-15	45.0'	46.0'	4.06	8.38	2.07	<0.003	1.00
	46.0'	49.0'	4.79	6.94	1.02	<0.003	0.56
	49.0'	55.0'	0.62	1.51	0.42	<0.003	0.34

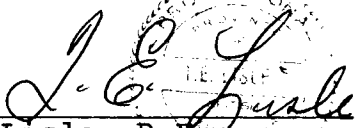
Other intercepts of interest include:


M-3	131.0'	132.0'		1.13	2.75	0.024	1.28
	184.0'	185.0'			1.22	0.01	0.60
M-4	214.0'	217.0'		1.20	0.12	0.003	0.04
M-5	109.0'	111.0'	0.54	1.37	2.67	0.007	0.72
	112.8'	114.0'	3.15	6.25	2.32	0.006	0.73
	114.0'	115.0'	0.90	2.25	0.59	0.004	0.20
M-9	90.0'	91.0'		2.00	0.05		
M-10	74.5'	78.0'	1.45	4.79	0.31	0.005	0.30
M-14	147.5	160.0			0.64		0.36

DISCUSSION

Work on the War Eagle prospect of Maggie Mines Limited continues to show volcanogenic type sulphide mineralization in rhyolitic rocks, and the presence of higher grade zones is encouraging. Because most of the recent work is concentrated in a relatively small area, and because the geology of this area is complex, the proposal to attempt geophysical surveys, and the investigation of areas outside of the immediate drill area should provide important geologic data that will be useful in the further evaluation of the property.

May 20, 1981

  
T.E. Lisle, P. Eng.





REFERENCES

1. Seraphim, R.H., Ph.D., P. Eng.  
Falcon Claims - Indian River, B.C. Dec.22, 1976
2. " Falcon Prospect May 5, 1977
3. " Report on War Eagle, Falcon, Mar.  
and Jody Claim Aug. 12, 1977
4. " Correspondence to Maggie Mines Ltd. Jan. 30, 1978
5. Clendenan, A.D., P. Geol. - Report and  
diamond drilling Report on the War Eagle  
Claims - Placer Development Ltd. Dec. 1978
6. Clendenan, A.D., & Pentland, W.S.  
Report on 1978 Exploration Program on  
the Hopkin's Property - Maggie Mines Ltd.  
Squamish, B.C. March 1979
7. Clendenan, A.D., P. Geol.  
1979 Exploration Program Report  
Hopkin's Property 92G 11E Oct. 1979
8. (a) Nevin, A.E., P. Eng.  
Report on 1978 & 1979 work in the  
War Eagle and Adjacent Claims June 30, 1980
- (b) Nevin A.E., P. Eng.  
Summary Report on War Eagle, Clarke  
& Janette Claims, Indian River head-  
waters, Vancouver, M.D. Sept. 18, 1980
9. Misc. File Reports


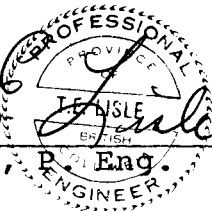
A P P E N D I X I

C E R T I F I C A T I O N

I, T.E. Lisle, of the District of North Vancouver, Province of British Columbia, hereby certify as follows:

1. I am a Geologist residing at 145 West Rockland Road, North Vancouver, B.C., with business address at 422 - 470 Granville Street, Vancouver, B.C.
2. I am a Professional Engineer registered in British Columbia. I am a graduate of the University of British Columbia, 1964.
3. I have practiced my profession since graduation and was engaged intermittently in exploration geology for several years prior to 1964.
4. This report is based on trips to the property on April 30, 1981, May 5, 1981, on discussions with Geo. Archibald, and on a study of available technical data shown in Reference Section.
5. I have no interest, direct or indirect, in the securities of Maggie Mines Limited, or in the properties described in this report, and I do not expect to acquire or receive any interest.

DATED at Vancouver, B.C. this 6 day of May 1981.

  
T.E. LISLE, P. Eng.  


DRILL HOLE ASSAY SUMMARY

Assay Data to May 5, 1981

DRILL HOLE 78-1

<u>From(Ft.)</u>	<u>To(Ft.)</u>	<u>% Pb</u>	<u>% Zn</u>	<u>% Cu</u>	<u>Gold(Gm)</u>	<u>Ag(Gm)</u>
304.0	309.0	0.16	0.50	0.24	0.12	10.0
375.0	380.0	0.06	0.73	0.08	-0.02	4.0
380.0	385.0	0.20	0.97	0.08	0.06	7.0
385.0	395.0	0.25	0.91	0.15	0.04	6.0
395.0	400.0	0.08	0.11	0.13	0.10	14.0
(375.0)	(400.0)	Av(0.16)	(0.72)	(0.11)	(0.05)	(7.4)

<u>From(Ft.)</u>	<u>To(Ft.)</u>	<u>Pb (PPM)</u>	<u>Zn (PPM)</u>	<u>Cu (PPM)</u>	<u>Au (PPM)</u>	<u>Ag (PPM)</u>
5.0	240.0	2-22	75-500	6-188	To	-0.02
240.0	304.0	35-860	730-1700	28-620	-0.02	0.18
309.0	375.0	18-290	95-6200	30-1120	-0.02	-0.16
400.0	505.0	-2-90	80-150	32-780	-0.02	-0.37
						0.06-12.0
						.38-18.0
						0.24-1.61
						0.06-2.33

<u>DRILL HOLE 78-2</u>		<u>%</u>	<u>%</u>	<u>%</u>	<u>Gm</u>	<u>Gm</u>
24.0	34.0	0.008	0.02	0.01	-0.02	1.47
34.0	40.0	0.10	0.79	0.08	-0.05	5.00
40.0	50.0	0.01	0.00	0.01	-0.02	0.72
		<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>
20.0	24.0	62	155	1130	-0.02	1.50
50.0	380.0	2-700	57-5900	5-670	-0.02 -0.02	.08 -11.0

<u>DRILL HOLE 78-3</u>		<u>%</u>	<u>%</u>	<u>%</u>	<u>Gm</u>	<u>Gm</u>
20.0	26.0	0.005	0.05	0.01	-0.02	1.07
26.0	30.0	0.02	0.50	0.06	-0.02	2.80
30.0	40.0	0.03	0.07	0.005	-0.02	1.35
		<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>
18.0	20.0	9	73	64	-0.02	0.28
40.0	306.0	-2-63	55-970	10-450	-0.02 -0.09	0.06 -24.0

		<u>Pb</u>	<u>Zn</u>	<u>Cu</u>	<u>Au</u>	<u>Ag</u>
		(PPM)	(PPM)	(PPM)	(PPM)	(PPM)
<u>DRILL HOLE 78-4</u>						
5.0'	90.0'	5 - 71	56-260	19-80	-0.02 -0.08	.45-3.07
110.0'	506.0'	-2 -450	99-1970	9-2555	-0.02 -0.22	.05-3.04

<u>DRILL HOLE 78-5</u>						
15.0'	866.0'	2 -193	32-6100	6-1270	-0.02 -0.02	.05-6.0

<u>DRILL HOLE 78-6</u>						
5.0'	345.0'	3 -330	73-550	9-90	0-0.02	.09-2.35

<u>DRILL HOLE 79-1</u>						
210.0'	250.0'	6 - 30	57-99	26-44	-0.02	0.25-0.57
280.0'	290.0'	1000	1610	250	-0.02	1.10
320.0'	325.0'	16	84	52	-0.02	0.26

DRILL HOLES 79-2, 79-3 - No Mineralization of Note

<u>DRILL HOLE 79-4</u>						
402.0'	406.0')	12	105	370	0.02 (-)	0.12-6.0
410.0'	485.0')	3 - 15	62-188	45-6200	0.02 (-)	

1980 - 1981 DRILL PROGRAM

DRILL HOLE M - 1 (80-1)

		<u>Zn</u>	<u>Cu</u>
		(PPM)	(PPM)
402.0'	407.0'	210	5000
437.0'	442.0'	114	670
497.0'	567.0'	64-220	52-440

DRILL HOLE M - 2

78.0'	133.0'	92-164	18-126
310.0'	523.0'	60-245	1-44
523.0'	575.0'	158-625	54-1100
575.0'	628.0'	136-295	6-136

<u>From(Ft.)</u>	<u>To(Ft.)</u>	<u>Pb(PPM)</u>	<u>Zn(PPM)</u>	<u>Cu(PPM)</u>	<u>Au(PPM)</u>	<u>Ag(PPM)</u>
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DRILL HOLE M-3 (80-3)

29.0'	100.0'		54-595	10-120		
100.0'	131.0'		235-3800	12-96		
131.0'	132.0'*		<u>1.13%</u>	<u>2.75%</u>	<u>0.024oz</u>	<u>1.28oz</u>
132.0'	133.0'		485	200		
140.0'	184.0'		235-750	94-830		
184.0'	185.0'*		955(PPM)	<u>1.22%</u>	<u>0.01oz</u>	<u>0.60oz</u>
185.0'	387.0'		64-570	1-1650		

DRILL HOLE M-4

25.0'	129.0'		64-515	10-330		
129.0'	134.0'*		<u>0.07%</u>	<u>0.15%</u>	<u>0.005oz</u>	<u>0.18oz</u>
134.0'	214.0'		62-136	10-120		
214.0'	217.0'*	<u>0.01%</u>	<u>1.20%</u>	<u>0.12%</u>	< <u>0.003oz</u>	<u>0.04oz</u>
217.0'	314.0'		62-385	0-235		

DRILL HOLE M-5

16.0'	106.0'		70-1100	16-128		
		<u>%</u>	<u>%</u>	<u>%</u>	<u>(oz)</u>	<u>(oz)</u>
106.0'	108.0'	0.03	0.33	0.20	0.002	0.07
108.0'	109.0'	0.06	0.15	0.66	0.002	0.16
109.0'	111.0'	0.54	1.37	2.67	0.007	0.72
111.0'	112.8'	0.13	0.24	0.11	0.004	0.07
112.8'	114.0'	3.15	6.25	2.32	0.006	0.73
114.0'	115.0'	0.90	2.25	0.59	0.004	0.20
115.0'	119.0'	0.06	0.19	0.09	< 0.002	0.05
		<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>	<u>(PPM)</u>

119.0'	229.0'		44-700	14-72		
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DRILL HOLE M-6

83.0'	91.0'		108-795	0-66		
105.0'	118.0'		545-600	68-72		
83.0'	118.0'		2961			
91.0'	96.0'*		<u>0.68%</u>	<u>0.23%</u>		<u>0.12oz</u>
96.0'	105.0'*		<u>0.64%</u>	<u>0.05%</u>		<u>0.04oz</u>

\* Assays in (%) Pb. Zn. Cu.

(oz.) Au. Ag.

<u>From(Ft.)</u>	<u>To(Ft.)</u>	<u>Pb(PPM)</u>	<u>Zn(PPM)</u>	<u>Cu(PPM)</u>	<u>Au(PPM)</u>	<u>Ag(PPM)</u>
<u>DRILL HOLE M-7</u>						
187.0'	191.0'*	0.30%	1.11%	0.08%		
191.0'	197.0'		330	62		
197.0'	202.0'		5700	295		
187.0'	202.0'		4992			
<u>DRILL HOLE M-8</u>						
159.0'	169.0'		570-2500	52		
185.5'	209.0'		44-2100	6-320		
<u>DRILL HOLE M-9</u>						
90.0'	91.0'*		2.0%	0.05%		
91.0'	93.0'*		0.41%	0.08%		
93.0'	138.0'		340-1700	16-330		
138.0'	143.0'*		0.22%	< 0.01%		
143.0'	158.0'		205-1500	24-26		
158.0'	160.0'*		0.03%	0.26%		
160.0'	167.0'*		0.06%	0.53%		
167.0'	175.0'		370	350		
175.0'	178.0'*		0.12%	0.10%		
90.0'	178.0'		1271	631		
<u>DRILL HOLE M-10</u>						
74.5'	78.0'*	1.45%	4.79%	0.31%	0.005oz	0.30oz
78.0'	79.5'*	0.30%	0.65%	0.64%	0.032oz	0.20oz
79.5'	85.0'*	0.02%	1.04%	0.41%	< 0.003oz	0.05oz
85.0'	90.0'*	0.04%	0.34%	0.07%	< 0.003oz	0.01oz
90.0'	95.0'*	0.01%	1.15%	0.08%	< 0.003oz	0.01oz
95.0'	115.0'		1150-1400(?)	20-34		
115.0'	130.0'		76-720			
130.0'	143.0'		350-5300	10-450		

\* Assays in (%) Pb. Zn. Cu.

(oz.) Au. Ag.

<u>From(Ft.)</u>	<u>To(Ft.)</u>	<u>Pb(PPM)</u>	<u>Zn(PPM)</u>	<u>Cu(PPM)</u>	<u>Au(PPM)</u>	<u>Ag(PPM)</u>
<u>DRILL HOLE M-11</u>						
108.0'	117.0'		520	250		
134.0'	165.0'		110-930	48-52		
<u>DRILL HOLE M-12</u>						
23.0'	28.0'		142	68		
33.0'	46.0'		1200-3300	102-154		
51.0'	70.0'		335-3000	30-440		
77.0'	82.0'		250	70		
<u>DRILL HOLE M-13</u>						
433.0'	438.0'	1400	410	715		4.0
635.0'	659.0'		174-210	295-635		
659.0'	679.0'		158-172	800-3000		0.4 - 3.0
690.0'	710.0'		156-166	172-300		
726.0'	736.0'		166	26		
749.0'	759.0'		198	220		
<u>DRILL HOLE M-14</u>						
147.5'	160.0'*			<u>0.64%</u>		<u>0.36oz</u>

\* Assays reported in (%) Pb. Zn. Cu.  
(oz.) Au. Ag.

A P P E N D I X      3  
DRILL HOLE SUMMARY TO MAY 5, 1981  
WAR      EAGLE      CLAIM

Hole No.	Latitude	Departure	Elevation Meters	Dip at Collar	Bearing	Length Meters
*78-1	5 498 899N	497 353E	825	-35°	045°	154.0
*78-2	5 498 785.5N	497 447E	805	-45°	045°	116.4
*78-3	5 498 785N	497 446.5E	805	-70°	045°	93.3
*78-4	5 498 701N	497 389E	798	-55°	045°	154.0
*78-5	5 499 064N	497 227E	802	-45°	045°	264.0
*78-6	5 498 756N	497 656E	818	-45°	045°	105.0
78-7	5 498 571N	497 497E	820	-45°	045°	12.4

Total to date ..... 899.1

\*Drill holes dip at shallower angles at depth

79-1	5 498 793N	497 570E	870	-90°	-	155.4
79-2	5 499 247N	496 880E	707	-60°	270°	86.3
79-3	5 499 360N	497 175E	775	-60°	045°	31.1
79-4	5 498 617N	497 515E	810	-65°	045°	150.3

Total to date ..... 1322.2

+ M-1 (80-1)	5 498 569N	497 500E	806	-87°	045°	172.8
+ M-2 (80-2)	5 498 743N	497 486E	800	-55°	360°	189.0
+ M-3 (80-3)	5 498 760N	497 450E	801	-45°	360°	117.9
+ M-4 (1981)	5 498 758N	497 400E	799	-45°	360°	95.7
+ M-5 (1981)	5 498 824N	497 404E	808	-60°	180°	94.2
+ M-6 (1981)	5 498 824N	497 404E	808	-85°	180°	73.8
+ M-7 ( " )	5 498 834N	497 379E	807	-55°	180°	95.4
+ M-8 ( " )	5 498 834N	497 379E	807	-75°	360°	79.8
+ M-9 ( " )	5 498 117N	497 439E	809	-60°	180°	81.4
+ M-10 ( " )	5 498 17N	497 439E	809	-85°	180°	64.9
+ M-11 ( " )	5 498 17N	497 439E	809	-60°	360°	95.7
+ M-12 ( " )	5 498 831N	497 472E	828	-60°	180°	76.5
+ M-13 ( " )	5 498 755N	497 656E	818	-50°	228°	231.3
+ M-14 ( " )	5 498 821N	497 484E	827	-50°	180°	177.7
+ M-15 ( " )	5 498 821N	497 484E	827	-70°	180°	78.0

Total to date ..... 3047.2

+ M-16	5 498 784N	497 586	815	-60°	225°	242.6
M-17						
M-18						
M-19						
M-20						

+ Latitudes & Departures Scaled From Plan



APPENDIX 4

ESTIMATE OF EXPLORATION EXPENDITURES.

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1977	Maggie Mines Ltd.	\$68,060.00
	( Source: January 30, 1978 correspondence Maggie Mines Ltd. and R.H. Seraphim, P Eng.	
1978-1979-		
	Placer Development Ltd.	225,000.00 *
	( Source: March 1979 Placer Report Exploration Costs \$ 166,543.15	
	Balance deduced from Feb.29,1980 financial statement, whereby Placer acquired Maggie Shares for work completed on property.	
	100,000 shares at \$0.75	75,000.00
	150,000 " " \$1.00	150,000.00
1980-81		
	Maggie Mines Ltd.	232,879.49
	( Source: Maggie Mines Ltd Summary of Allocation, September 1,1980 to April 30 1981. Data provided by H. Hopkins.	
		<hr/>
		\$525,939.49
		<hr/>

\* Note. It is uncertain whether this figure includes  
a \$40,000.00 option payment.

A P P E N D I X 4 (A)

MAGGIE MINES LTD.

SUMMARY OF ALLOCATION - SEPTEMBER 1, 1980 - APRIL 30, 1981

Administration

Management salaries and payroll remittances	\$	8,947.62	\$
Office equipment, supplies and rent		8,236.61	
Accounting and legal fees		24,069.24	
Car expense and travel		2,336.75	
Stock exchange - fees and listing		1,950.00	
Telephone		1,358.51	
Bank charges and miscellaneous		821.92	
Equipment - lighting		716.56	
Guaranty Trust -		1,622.22	
Petty cash on hand		160.70	
Promotion		731.19	
		<u>731.19</u>	50,951.32 ✓

Expenditures - Falcon, War Eagle Mineral Claims:  
Vancouver Mining Division

Geological and Engineering cost	\$	36,373.77	
Road building, repairs and trucking		44,824.51	
Drilling costs		140,039.34	
Assays		1,980.92	
Licences, filing fees and liability insurance		532.00	
Shop rent and supplies		1,993.47	
Truck expense		1,165.55	
Payroll and workers' compensation		5,969.93	
		<u>5,969.93</u>	232,879.49

ZEBALLOS MINERAL CLAIMS

Expenses 1,093.30

TOTAL ALLOCATIONS FOR THE PERIOD \$ 284,924.11

*Reviewed by H. Daykin  
May 20, 1981. J.E.H.*

MAGGIE MINES LIMITED

HOLE NUMBER D.D.H. M-1

N.T.S. 92  
21 G 11E

CLAIM WAR EAGLE

DATE COLLARED NOV 20  
~~DEC 1~~, 1980

DATE FINISHED NOV 28  
~~DEC 15~~, 1980

AZIMUTH 045 °

INCLINATION 0m-87°; 30m-84°; 60m-84°; 90m-84°; 120m-84°  
150m-83°

LENGTH 172.8m

CORE SIZE B.O. WL

LATITUDE 5,498,659 N (line 160E, 99N)

DEPARTURE 497,500E

ELEVATION 806m

LOGGED BY G. ARCHIBALD

0 - 6m CASING (Left in hole)

6 - 144.8m DACITE TUFF (Porphyroclastic)

Pale yellowish grey altered feldspar grains to 5mm (up to 20%) in a dark greenish grey groundmass. Massive, uniform, intrusive looking. Same as in Placer's hole 78-4. No mineralization. Scattered epidotized altered clasts to 10cm averaging about two per three metres.

59.4 - 62.5 Fine grained non-porphyritic.

87.1 - 96.0 Occasional grains of pyrite and pyrrhotite less than ¼%.

96.0 - 106.7 Fine grained-phenocrysts 5-10%. 70% non porphyritic. ¼% pyrite, a few grains of chalcopyrite.

106.7 - 122.5 ½ - ¾% pyrite, very minor chalcopyrite.

122.5 - 124.1 3% sulphides, mainly pyrite, minor chalcopyrite.

124.1 - 133.2 ¼% pyrite.

133.2 - 136.2 Faint brown tinge - minor biotite (?) alteration.

133.2 - 133.8 1 - 2% sulphides, pyrite, pyrrhotite, chalcopyrite

133.8 - 144.8 ½% pyrite, trace of chalcopyrite.

144.8 - 150.0m DACITE TUFF

Transitional contact with above. First appearance of purplish grey siliceous clasts. Matrix dark grey dacite. clasts to 7cm. Becoming non porphyroclastic.

144.8-150 ¼% pyrite, trace of chalcopyrite.

150.0 - 172.8 DACITE TUFF

Weakly altered (chlorite & biotite) Dark grey, fine grained, massive. ¼ - 1% sulphides, pyrite, pyrrhotite chalcopyrite. 3% round clasts (siliceous) 1cm or less.

156.4-156.7 Siliceous cherty bed.

172.8m END OF HOLE

COMMENTS - This hole was drilled to test slightly to the south the vertical extent of the chlorite alteration encountered in Placer's hole 79-4. The thick section of dacite tuff (6-144m) was unexpected and does not correlate well with 79-4. The alteration and mineralization much less than 79-4 and encountered at a greater depth. The alteration and mineralization such as it is continues to the end of the hole.

SAMPLE RECORD

D.D.H. M-1

<u>FROM</u>	<u>TO</u> (ft)	<u>FROM</u>	<u>TO</u> (M)	<u>Cu ppm</u>	<u>Zn ppm</u>
402	407	122.5	124.1	5000	210
437	442	133.2	134.7	670	114
492	497	150.0	151.2		
497	507	151.2	154.5	52	
507	517	154.5	157.6	84	
517	527	157.6	160.6	440	160
527	537	160.6	163.7	220	148
537	547	163.7	166.7	103	64
547	557	166.7	169.8	410	86
557	567	169.8	172.8	340	220
				302/50	154/70
					200
					200

MAGGIE MINES LIMITED

HOLE NUMBER M-2  
N.T.S. 92  
92 G 11E  
CLAIM WAR EAGLE  
DATE COLLARED DEC 1, 1980  
DATE FINISHED DEC 15, 1980  
AZIMUTH 0 DEGREES (North)  
INCLINATION 0-55°; 30m-50.5°; 60m-50°; 90m-50°; 120m-49°; 150m-46°;  
180m-43°  
LENGTH 189.9 metres  
CORE SIZE BQ WL  
LATITUDE 5,498,734N  
DEPARTURE 497,486E  
ELEVATION 800m + 2m  
LOGGED BY G. ARCHIBALD

- 0 - 10.7m CASING (Left in hole)
- 10.7 - 14.6 RHYOLITE TUFF  
Coarse grained, clasts to 2cm. light grey, with white siliceous fragments. (+70% SiO<sub>2</sub>) ¼% sulphides, pyrite, pyrrhotite and few tiny specks of chalcopyrite. Core badly broken. Weak foliation at 0 degrees to C.A. Minor threads and blebs of black chlorite. (1%)
- 14.6 - 17.4 DACITE DIKE  
Dark green, fine grained, mafic dike. Contacts broken.
- 17.4 - 31.1 RHYOLITE TUFF  
Soft, medium grey, fine to medium grained (90% less than 4mm) 3-5% black chlorite flecks ave. 2mm. Less than ¼% pyrite.  
23.8-31.1 Fine grained. Bedding ± 20 degrees to C.A. Some very fine grained soft, talcose (?) beds. Last 3m medium grey and siliceous. ¼% sulphides, pyrite, pyrrhotite, chalcopyrite. Patches of black chlorite to 10mm (Ave. 1 per 2m)
- 31.1 - 40.5 DACITE TUFF  
Crystal tuff(?) Medium to dark grey, fine to medium grained (2-5mm). Massive, uniform. Scattered clasts (2cm) same composition as matrix. Lithic grains feldspar-quartz to 5mm. 2-4% fine disseminated sulphides pyrite, pyrrhotite & chalcopyrite.
- 40.5 - 50.9 RHYOLITE TUFF  
Same as 17.4-23.8. Medium grained-2-4mm. 2% chlorite in thin flecks to 10mm. 1-3% sulphides, pyrite, minor chalcopyrite. Upper contact 20 degrees to C.A.  
45.7-47.2 Rhyolite tuff (cherty) medium to light grey, fine grained. Poor bedding at 20-30 degrees to C.A.
- 50.9 - 93.3 Dacite tuff  
Crystal tuff(?) Same as 31-40.5. Medium to dark grey, 5-15% feldspar-quartz grains 2-4mm. 1-2% pyrite. Massive. Vague bedding at 30 degrees to C.A.  
64.6 3cm of 30% pyrite  
65.5 - 93.3 Less than ¼% pyrite. Massive, homogeneous, intrusive looking.
- 93.3 - 121.9 RHYO-DACITE TUFF (Brown Tuff)  
Medium grey faint brown tinge (Biotite ?). Medium to fine grained, feldspar-quartz grains to 5mm. Similar to 50.9-93.3. Upper contact ground. Minor irregular chlorite blebs to 10cm. ¼% sulphides mostly pyrite.  
112.8 5mm gouge slip at 15 degrees to C.A.

## 121.0 - 130.5 RHYOLITE TUFF

Arbitrary, gradually becoming light grey, and more siliceous than above. Chlorite flecks last 3 metres. similar (same) as rhyolite tuff in hole M-3 (79.6-93.2)

128.6-130.5 Fine grained cherty beds. Bedding at 50 degrees to C.A. 1-3% pyrite.

## 130.5 - 189.9 DACITE TUFF

Crystal tuff? Medium grey, medium to fine grained. Quartz and feldspar grains to 4mm (0-10%) First 10 metres incipient brown tinge. Similar (same) as dacite tuffs higher in hole.

130.5 - 152.4 Very fine disseminated sulphides-short sections to 10%-pyrite, pyrrhotite trace of chalcopyrite.. Overall sulphide average 2-4% decreasing to less than 1% by 150m

152.4 - 167.3 0-½% sulphides.

156.3 - 168.9 25% pale yellowish grey altered feldspar grains. Last 2 metres 2% sulphides.

168.9 - 170.7 Fine grained chloritized dike or large fragment. Sharp contacts 70 degrees to C.A. 2-3% sulphides.

170.7 - 174.0 Same as 156-168

174.0- 175.3 7-10% pyrite, minor chalcopyrite in a chloritized breccia.

175.3 - 178 Same as 174-175. 3-5% sulphides.

178.0 -189.9 Same as 156.3-168.9. 0-½% sulphides

189.2 -189.6 Basic dike.

189.9 END OF HOLE



MAGGIE MINES LIMITED

HOLE NUMBER	<u>DDH M-3</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>DECEMBER 18, 1980</u>
DATE FINISHED	<u>JANUARY 10, 1981</u>
AZIMUTH	<u>0° NORTH</u>
INCLINATION	<u>45° (35m -41°) (90m -40°)</u>
LENGTH	<u>117.9 Metres</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498,760 N</u>
DEPARTURE	<u>497,450 E</u>
ELEVATION	<u>799m</u>
LOGGED BY	<u>G. ARCHIBALD</u>

- 0-8.8 (29.0') CASING
- 8.8-12.3 (40.5') RHYOLITE TUFF  
Light grey, medium grained-quartz porphyroclasts to 4mm. Chlorite flecks 1-2mm by 10mm. Less than ½% pyrite.
- 12.3-28.7 (94.0) RHYO-DACITE & DACITE TUFFS  
Medium grey with slight brown tinge (biotite) Bands with feldspar/quartz grains (porphyroclasts?) (50%) alternating with fine grained massive sections. Occasional bedding noted at 45 degrees to core axis. Sulphides average ½% - mainly pyrite a few specks of chalcopyrite & sphalerite.  
20.4 (67')-20.7 (68') ARGILLITE Medium to dark grey. Fine grained. Bedding and contacts at 45 degrees to core axis.
- 28.7-35.4 (116.0') BRECCIATED ZONE  
Weakly silicified (20%) and brecciated, very minor cherty fragments 5-7cm. Small stringers and blebs of sphalerite, minor blebs of chalcopyrite, occasional pyrrhotite. Best mineralization between 30.5-32.0 (100-105') Bands of foliated talcose-sericitic rock -foliation 20 degrees to C.A. eg 32-32.6 & 33.5-34.1
- 35.4-39.9 (131.0') RHYO-DACITE TUFF (Brown)  
Fine grained massive, brownish grey. Moderate biotite alteration. Same as Placers 78-2 (sometimes logged as basic rhyolite tuff) 1-2% pyrite.
- 39.9-40.2 (132.0') SULPHIDE ZONE  
Silicified and brecciated. Sulphides associated with silicification. 5% sulphides, chalcopyrite pyrrhotite & sphalerite.
- 40.2-79.6 (261.0') RHYO-DACITE TUFF (Brown)  
Same as 35.4-39.9 Massive no bedding noted. Tiny veinlets of quartz frequently with chalcopyrite and sphalerite.  
42.7-43.0 (140-141') Silicified 3% sulphides  
40.2-50.0 (132-164') 1-2% sulphides.  
50-56.1 (164-184') 2-3% "  
56.4 (185') 5-7cm quartz sulphide vein at 20 degrees to C.A. Same as 39.9-40.2  
60&61.3 (197&201') 10cm of silicification with pyrrhotite and chalcopyrite  
64-79.6 (210-261) Gradually becoming medium to dark grey-decreasing biotite. Sulphides vary 1-3%. No silicification with associated mineralization.

- 79.6-93.3 (306.0') RHYOLITE TUFFS  
 Light grey, fine grained, massive. A few siliceous clasts to 1cm. 5% elongated black chlorite flecks 7-10mm. Variable  $\frac{1}{2}$ -3% fine disseminated pyrite. Bedding 50-60 degrees to C.A.
- 88.4-93.3 Chlorite diminishing to 3%
- 93.3-99.1 (325.0) RHYOLITE BRECCIA  
 Angular to sub-angular siliceous fragments (90%) in a siliceous matrix. Fragments to 10cm. Dacitic clasts 10%. 5% chlorite flecks to 1 cm. Bedding 45 degrees to core axis. Less than  $\frac{1}{2}$ % pyrite.
- 99.1-117.9 (387.0') RHYOLITE TUFFS  
 Similar to 79.6-93.3. Mostly fine grained, massive. Bedding at 45 degrees to core axis e.g. 109.1 (358')  
 Variable chlorite ave. 1%  $\frac{1}{2}$ -1% pyrite, trace chalcopyrite & sphalerite
- 99.4-102.1 (326-335') Ground core  
 109.1-110.3 (358-362') Fine grained tuff-almost chert- Bedding 45 degrees to core axis. 1% very fine pyrite.  
 113.1-116.7 (371-383) Coarse grained tuff -5-10mm  $\frac{1}{2}$ % pyrite.  
 116.7-117.9 (387') Tuff as above-3-5mm.
- 117.9 (387') END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-4</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>JANUARY 11, 1981</u>
DATE FINISHED	<u>JANUARY 16, 1981</u>
AZIMUTH	<u>NORTH</u>
INCLINATION	<u>-45° (20m -43°) (60m -42°) (90m -38°)</u>
LENGTH	<u>95.9m</u>
CORE SIZE	<u>BO</u>
LATITUDE	<u>5,498,753N</u>
DEPARTURE	<u>497,405E</u>
ELEVATION	<u>796m</u>
LOGGED BY	<u>G. ARCHIBALD</u>

- 0-7.6 (25.0') CASING
- 7.6-28.4 (93.3') DACITE TUFF (Brown)  
 In part crystal tuff, feldspar / quartz grains to 2mm. Dark grey, faint brown tinge. Massive. 2-3% fine disseminated & fine threads of pyrite. Trace of chalcopyrite.  
 24.3-28.4 (80-93) Medium grey, Diminish biotite fine grained.  
 25.3-31.4 (83-103') Broken core, stained fractures - fault zone???
- 28.4-39.3 (93.3-129') RHYOLITE TUFF  
 Siliceous, cherty, light grey, very fine grained, massive. Vague bedding 45 degrees to core axis. ½% sulphides, mainly pyrite, a few specks of sphalerite. 1% chlorite flecks 5-7mm.
- 39.3-43.3 (129-142') RHYOLITE TUFF BRECCIA  
 Silicified and brecciated. Minor stringers and blebs of chalcopyrite, pyrrhotite & sphalerite. Similar to the zone in M-3 at 39.6 with less silicification and mineralization.  
 39.3-41.1 (129-135') 3-5% sulphides.  
 41.1-43.3 (135-142') 1-2% "
- 43.3-50.9 (142-167') RHYOLITE TUFF  
 Siliceous, cherty, same as 28.4-39.3. Minor coarser grained beds to 2mm.
- 50.9-61.6 (167-202') ARGILLITE  
 Mixed fine grained argillite and cherty argillite. Dark grey to black. Bedding 30-40 degrees to C. Upper contact 30 degrees to C.A.-gouge slip. ½% pyrite.  
 57.9-61.6 (190-202') 25% cherty tuff, 75% argillite.  
 61.3-61.6 (201-202') 5% sulphides, minor sphalerite.
- 61.6-79.9 (202-262') RHYOLITE TUFF-BRECCIA  
 Gradual contact with above, cherty argillite, to rhyolite tuff to fine breccia with clasts to 2-3cm at 68.6. 90% siliceous clasts, 10% mafic in a siliceous groundmass. Light grey to white. Sulphides ½-2%  
 65.4-66.1 (214.5-217.0') Small stringers of sphalerite, blebs of cp.

- 79.9-89.0 (262-292') RHYO-DACITE TUFF  
Medium grey, fine grained. 1-3% sulphides, pyrite  
chalcopyrite, trace of sphalerite. Upper contact  
45 degrees to C.A.
- 79.9-83.8 (262-275') Silicified & brecciated 15%  
quartz.
- 82.0 (269') 15 cm silicified vein, 1-2%  
chalcopyrite. Same as silicified  
and mineralized zones in M-3
- 89.0-95.9 (292-314.6') DACITE TUFF  
Dark grey, fine grained, faint brown tinge-  
incipient biotite alteration. 1-2mm feldspar  
grains. 1% sulphides occasional chalcopyrite and  
sphalerite eg 92 (302').

95.9 END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-5</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>JANUARY 18, 1981</u>
DATE FINISHED	<u>JANUARY 24, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>-60° (12m -62°) (90m -61°)</u>
LENGTH	<u>94.2m</u>
CORE SIZE	<u>B0</u>
LATITUDE	<u>5,498,824N</u>
DEPARTURE	<u>497,405E</u>
ELEVATION	<u>805m</u>
LOGGED BY	<u>G. ARCHIBALD</u>

- 0-4.9(16') CASING
- 4.9-7.3(24') DACITE TUFF  
Dark grey with brown tinge, fine grained, massive. Similar to the end of M-4. 5-10% 1mm quartz/feldspar grains. No sulphides.
- 7.3-14.3(47') RHYOLITE TUFF  
Cherty, very fine grained dense. Occasional bedding  $\pm$  70 degrees to core axis. Sulphides, mainly pyrite, 0-3%.  
9.4-11.0(31-36) Medium grained (3mm) Rhyo-Dacite tuff. Contacts 80° to core axis.
- 14.3-18.0(59') DACITE TUFF  
Same as 4.9-7.3
- 18.0-19.2(59-63') RHYOLITE TUFF  
Medium grained(2-5mm) Light grey. Upper contact sharp at 90 degrees to C.A.  $\frac{1}{2}$ % sulphides.
- 19.2-23.6(63-77') RHYOLITIC CHERTY TUFF & ARGILLITE  
70% siliceous tuff. Very fine grained. Bedding 20-70 degrees to core axis. 1-3% fine disseminated pyrite. A few short rhyo-dacitic beds.
- 23.6-28.7(77-94') RHYOLITE TUFF-BRECCIA  
Siliceous clasts to 1cm in a siliceous matrix. Light grey, incipient biotite.  $\frac{1}{2}$ -2% pyrite. Upper contact sharp at 45 degrees to core axis.
- 28.7-32.3(94-106') TUFFACEOUS ARGILLITE  
Fine grained, medium grey, intermediate tuff interbedded with dark grey argillaceous material. 1-2% pyrite.  
30.2-31.7(99-104') Round siliceous fragments in an argillaceous matrix. Fragments to 5cm.  
31.7-32.3(104-106') ARGILLITE-3% sulphides. Pyrite sphalerite & chalcopyrite..
- 32.3-35.4(106-116') RHYOLITE TUFF & ARGILLITE (MINERALIZED)  
Interbedded fine grained siliceous tuff and argillite. Bedding 20-60 degrees to core axis. Stringers and blebs of chalcopyrite, sphalerite & galena.  
32.3-33.2(106-109') Brecciated and weakly silicified rhyolite tuff. 1-2% chalcopyrite  
33.2-33.8(109-111') Fine grained siliceous argillite. Weakly brecciated. Wavy bedding 0-30 degrees to core axis. 10% sulphides, chalcopyrite, sphalerite & galena.  
33.8-34.4(111-112.8') Tuffaceous argillite, very fine grained, massive. 3% sulphides- mostly pyrite.  
34.4-34.7(112.8-114') Same as 33.2-33.8. 20% sulphides- sphalerite, galena & chalcopyrite.



- 34.7-35.4 (114-116') Silicified rhyolite tuff,  
25% secondary quartz - stringers  
5% sulphides, sphalerite, galena  
chalcopyrite & pyrite.
- 35.4-37.2 (116-122') ARGILLITE & RHYOLITE TUFF  
Interbedded medium grey fine grained siliceous tuff and  
dark grey to black argillite. Bedding 45-65 degrees to  
core axis. 2-3% sulphides.
- 37.2-40.2 (122-132') RHYOLITE TUFF  
Fine grained, less than 2mm, becoming medium grained,  
plus 2mm after 39m. Good bedding with 2-4mm argillite  
bands. Bedding 45 degrees to core axis. 1% pyrite.
- 37.2-51.2 (132-168') ARGILLITE  
Dark grey to black with light grey beds. bedding 65-90  
degrees to core axis.. ½% pyrite.
- 51.2-54.1 (168-177.6') RHYOLITE TUFF (Chert)  
Siliceous, fine grained, light grey. Bedding 45-90  
degrees to core axis. Less than ½% sulphides.
- 54.1-54.9 (177.6-180') RHYOLITE TUFF-BRECCIA  
Siliceous clasts to 1.5 cm in a siliceous matrix.  
(Same lithology as 39-42.7 in hole M-4) 2% sulphides,  
mostly pyrrhotite.
- 54.9-62.8 (180-206') RHYOLITE TUFF & CHERTY TUFF  
Fine to very fine grained. Siliceous. Light grey.  
1-2% pyrite.
- 59.4-62.8 5% chlorite flecks 2 by 7mm. Same as 30.5  
-33.5 in hole M-4.
- 62.8-70.4 (206-231') DACITE TUFF (Brown)  
Medium grey-faint brown tinge (biotite)-fine grained.  
1-2mm feldspar/quartz grains. Massive. Same as 89-94.5  
in hole M-4. Irregular upper contact approx. 90 degrees  
to core axis. Less than ½% sulphides.
- 70.4-94.2 (231-309') DACITE TUFF  
Crystal tuff. Dark grey fine grained massive. Feldspar  
/ quartz grains 2mm. Altered epidotized clasts to  
7cm-ave. one per 2m. No sulphides. Same as in Placer's  
78-4 hole.

94.2 END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-6</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>JANUARY 25, 1981</u>
DATE FINISHED	<u>JANUARY 28, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>-85° (12m -84°) (70m -83°)</u>
LENGTH	<u>74.1</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498,824N</u>
DEPARTURE	<u>497, 405E</u>
ELEVATION	<u>805m</u>
LOGGED BY	<u>G. ARCHIBALD</u>

0-4.9 (16')	CASING
4.9-15.5 (16-51')	DACITE TUFF Medium to dark grey, fine grained massive. 1mm feldspar grains. No sulphides.
15.5-18.6 (51-61')	RHYOLITE TUFF Cherty, fine grained, massive-nobedding. Medium to light grey. No sulphides.
18.6-25.3 (61-83')	DACITE TUFF Medium to dark grey, massive. 10% feldspar / quartz grains 1-4mm. Siliceous cherty fragments to 10 cm last 2 metres. No sulphides.
25.3-26.8 (83-88')	RHYOLITE TUFF-BRECCIA Siliceous clasts to 3 cm, mafic clasts to 7 cm in a coarse grained siliceous matrix. Less than ½% sulphides.
26.8-36.9 (88-121')	RHYOLITE TUFF Light grey, fine grained, massive. Occasional bedding 45-50 degrees to C.A. A few stringers of sphalerite 4-5mm with minor chalcopryrite and galena. 20% of the sulphides associated with silicification (quartz stringers) Fine disseminated pyrite 2-4%
36.9-39.3 (121-129')	ARGILLITE Dark grey to black argillite with 20% grey siliceous beds. Bedding 45-90 degrees to core axis.
39.3-41.5 (129-136')	RHYOLITE TUFF BRECCIA Siliceous fragments to 1 cm in an intermediate siliceous matrix. 2% fine disseminated pyrite
41.5-47.9 (136-157')	ARGILLITE 40.5 (133') 5mm argillite bed at 60 degrees to C.A. Same as 36.9-39.3
47.9-51.2 (157-168')	RHYOLITE TUFF Chert. Very fine grained. Bedding 45-80 degrees to C.A.
51.2-55.8 (168-183')	RHYOLITE TUFF-BRECCIA Siliceous fragments ave. 1 cm in a siliceous matrix. One fragment to 8 cm at 55.5. 1-2% pyrite.
55.8-59.7 (183-196')	RHYOLITE TUFF Medium grey, fine grained. 1-3% chlorite flecks (5mm) 1-4% pyrite.
59.7-74.1 (196-243')	DACITE TUFF Medium grey, faint brown tinge. (biotite) Fine grained massive. Sulphides 1-4%. Scattered threads and grains of chalcopryrite to 65m.
<u>74.1 END OF HOLE</u>	66-74.1 (217-243') Dacite crystal tuff, feldspar grains to 3mm 67.7 (222) Minor gouge slips

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-7</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>JANUARY 30, 1981</u>
DATE FINISHED	<u>FEBRUARY 4, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>55° (12m-55°) (95m-55°)</u>
LENGTH	<u>95.4</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 834</u>
DEPARTURE	<u>497, 379</u>
ELEVATION	<u>807m</u>
LOGGED BY	<u>G. ARCHIBALD</u>

0-6.1(20.0') CASING (Left in hole)

6.1-46.0(151.0') DACITE TUFFS

Mostly dacite tuffs with narrow fine grained siliceous beds. Bedding 60-80 degrees to C.A. The dacite tuffs range from fine grained, finely bedded to breccia with clasts to 1.5 cm. 85% mafic material. massive portions quartz grains ave 4mm.

14.6-18.3(48-60') Clasts to 1.5cm of argillite and chert.

19.5-21.0(64-69') Fine grained spotted tuff-amorphorous altered fragments(?) 3-5cm.

42.4-46.0(139-151') Coarse siliceous -cherty- clasts to 10cm.

46.0-53.6(151-176') RHYOLITE TUFF BRECCIA

Siliceous clasts 0.5-1.0 cm in a siliceous matrix becoming finer grained down hole (less than 0.5cm) Less than ½% pyrite.

53.6-61.6(176-202') RHYOLITE TUFFS

Cherty to 187. Fine grained. Narrow argillaceous beds. Bedding 45-60 degrees to core axis.

53.6-55.0(176-180') ½% fine pyrite

55.0-56.4(180-185') 1-2% pyrite

56.4-57.0(185-187') 3% fine disseminated pyrite.

57-58.2(187-191') MINERALIZED ZONE-Same as in hole M-6 Stringers of sphalerite, chalcopyrite, minor galena. 7% sulphides.

58.2-61.6(191-202') 1-3% sulphides. Occasional stringer of sphalerite.

61.6-66.4(202-218') ARGILLITE

Interbedded dark grey to black argillite with light grey siliceous material. 80% argillite. Bedding irregular 30-60 degrees to C.A. Minor small stringers of sphalerite.

66.4-72.5(218-238') RHYOLITE BRECCIA

Siliceous fragments to 2cm - a few to 5cm in a siliceous matrix. 1% lenticular flecks of chlorite to 1cm. ½% pyrite.

72.5-95.4(238-313') DACITE TUFF (Brown)

Crystal tuff. 1-2mm quartz / feldspar grains in a dark brownish matrix. Rhyo-Dacite tuff(?) in other holes. 1-2% sulphides, pyrrhotite & chalcopyrite, estimated to average less than 200 ppm Cu

73.5 (241') Stringers of chalcopyrite in a 10 cm silicified and brecciated zone.

92-93.6(302-307') Siliceous rhyolite breccia. Threads(1mm) brown biotite.

95.4 END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	M-8
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	FEBRUARY 5, 1981
DATE FINISHED	FEBRUARY 6, 1981
AZIMUTH	0° NORTH
INCLINATION	75° (12m-73°) (75m-72°)
LENGTH	79.9
CORE SIZE	BQ
LATITUDE	5,498, 835
DEPARTURE	497, 379
ELEVATION	807m
LOGGED BY	G. ARCHIBALD

- 0-5.2(17') CASING (Left in hole)
- 5.2-48.5(159') DACITE TUFF  
Same as 6.1-46 in hole M-7. Some large fragments first 6 metres (agglomerate as in outcrop). Bedding in siliceous bedded tuffs 45 degrees to C.A. Siliceous cherty clasts last 3m as in hole M-7. Less than ¼% sulphides.
- 48.5-49.1(161') RHYOLITE TUFF BRECCIA  
Silicified and brecciated. Equivalent of 45.7-53.6 in M-7???. Blebs of sphalerite.
- 49.1-51.5(161-169') RHYOLITE TUFF  
Same as 53.6-61.6 in hole M-7. Less than ¼% sulphides.. A few tiny blebs of sphalerite. Bedding at 45 degrees to core axis.
- 51.5-56.7(169-186') ARGILLITE  
Same as 61.6-66.4 in hole M-7
- 56.7-70.1(186-230') RHYOLITE BRECCIA  
Same as 66.4-72.5 in M-7. Finer grained. Silicified and brecciated sections. Minor stringers & blebs of sphalerite, trace of chalcopryrite & galena first 2m. Blebs of chlorite last 3metres. Overall sulphide average 1-2%. Bedding 20-40 degrees to core axis.
- 63.7-64.6(209-212') MAFFIC DIKE
- 70.1-79.9(230-262') DACITE TUFF (Brown)  
Same as 72.5-95.4 in hole M-7. 2-3% sulphides-pyrite pyrrhotite trace of chalcopryrite..
- 79.9 END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-9</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>FEBRUARY 9, 1981</u>
DATE FINISHED	<u>FEBRUARY 15, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>60° (12m-59°) (80m-57°)</u>
LENGTH	<u>81.4m</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 834</u>
DEPARTURE	<u>497, 438</u>
ELEVATION	<u>809m</u>
LOGGED BY	<u>G. ARCHIBALD</u>



- 0-5.2(17.0') CASING
- 5.2\_19.2(63.0') DACITE TUFF  
 Dark grey, fine grained. Core badly broken  
 Minor fine grained siliceous beds to 30cm.  
 Bedding where apparent ave. 45 degrees to core  
 axis. Less than ¼% pyrite.  
 5% Last 2 metres 5% coarse clasts to 10cm.  
 Similar composition as matrix.
- 19.2-22.6(74.0') RHYOLITE TUFF  
 Siliceous, cherty, very fine grained rhyolite  
 tuff with small (5cm) argillaceous beds. Bedding  
 20-30 degrees to core axis. 2-3% fine pyrite.
- 22.6-26.5(87.0') ARGILLITE  
 Black, fine grained. 5-7% very fine pyrite.  
 Weakly foliated 20-30 degrees to core axis.
- 26.5-48.2(158.0') RHYOLITE TUFFS  
 Very fine grained, siliceous, cherty tuffs (5%)  
 to fine grained rhyolite tuffs (70%) to mixed  
 argillaceous tuffs (15%) to medium grained (2mm)  
 rhyolite tuffs (10%) Variable sulphides 1-5%.  
 Scattered stringers and blebs of sphalerite,  
 minor chalcopryrite and galena. Some well bedded  
 sections ie 31.4-33.5 with some sulphides  
 concentrated along the bedding. Bedding 60-65  
 degrees to core axis.  
 27.4-28.2(90-93') Stringers of sphalerite, minor  
 chalcopryrite & galena in a  
 cherty (silicified?) tuff.  
 38.7-42.1(127-138') Mixed tuffaceous argillite(85%)  
 and rhyolite tuff. Small blebs  
 of sphalerite, minor chalco-  
 pryrite.  
 42.1-43.6(138-143) Medium grained (2mm) Stringers of  
 sphalerite minor galena and  
 chalcopryrite.
- 48.2-51.0(158-167') MINERALIZED ZONE  
 Silicified and brecciated - 80% quartz. 3%  
 irregular stringers and blebs of chalcopryrite  
 and pyrrhotite, minor sphalerite. Similar/same  
 as zone intersected in M-3
- 51.0-53.3(167-175') RHYO-DACITE TUFF (Brown)  
 Intense biotite alteration. Fine grained  
 3% sulphides.
- 53.3-54.3(175-178') MINERALIZED ZONE  
 Silicified, same as 48.2-51.0. 85-90% quartz.  
 not as well mineralized.

- 54.3-60.7(178-199') RHYO-DACITE TUFF (Brown)  
Brown gradually becoming grayish brown down hole.  
Quartz grains to 2mm(clasts) Similar/same Dacite  
crystal tuff. Biotite alteration decreasing  
away from silicification & mineralization? 1%  
pyrite.
- 60.7-65.5(199-215') RHYOLITE TUFF - BRECCIA  
Clasts to 3cm. 2-3% chlorite flecks to 1cm.  
Matrix as well as most fragments siliceous.
- 65.5-67.1(215-220') TUFFACEOUS ARGILLITE  
Dark grey, fine grained, bedding 60 degrees to C.A.
- 67.1-81.4(220-267') DACITE TUFF  
Crystal tuff, same as in Placer's DDH 79-4.  
5-20% altered (epidote) feldspar grains(4mm)  
Dark grey, massive. Less than 1% sulphides  
  
67.1-68.6 Weak biotite alteration, 1% pyrite.

81.4 END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-10</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>FEBRUARY 17, 1981</u>
DATE FINISHED	<u>FEBRUARY 19, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>85° (12m-83°) (60m-82°)</u>
LENGTH	<u>64.9</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 817</u>
DEPARTURE	<u>497, 438</u>
ELEVATION	<u>809m</u>

LOGGED BY

G. ARCHIBALD

*graduate geologist*

- 0-1.5(5.0') CASING  
(Left in hole).
- 1.5-21.9(72.0') DACITE TUFF  
Medium to dark grey - brownish grey with increasing biotite from 13.7(45.0'). Several narrow siliceous cherty beds. Less than ¼% sulphides.
- 21.9-22.7(74.5') RHYOLITE TUFF  
Altered light yellowish grey. Moderate foliation at 20° to core axis.
- 22.7-29.6(97.0') RHYOLITE TUFF - CHERT (mineralized zone)  
Very siliceous, plus 75%(?) silica, dense, massive. Stringers of sphalerite, chalcopryrite minor galena. First meter mainly sphalerite, mixed spalerite and chalcopryrite from then on (crude zoning?). Stringer type sulphide mineralization. 15mm massive sphalerite on upper contact at 10-15 degrees to core axis. 10% sulphides first 1.5 meter diminishing to 3-5%.
- 22.7(74.5') same as 27.4(90.0')  
in hole M-9.
- 25.6-28.0(84'-92') Rhyolite Tuff.
- 27.4-27.7(90'-91') 7mm sphalerite chalcopryrite stringer 0-10° to core axis.
- 26.9-47.9(157') RHYOLITE TUFF  
Same as in hole M-9. Bedding 40-60 degrees to core axis. Fine grained. 1-4mm stringers of sphalerite, fine disseminated pyrite, minor chalcopryrite. Sulphides ¼ to 5%.
- 39.9-41.5(131-136') Medium grained bed (2-4mm).  
Contacts 50 degrees to core axis.
- 43.1(141.5') 10mm zoned sphalerite stringer - dark brown rim, straw colored center.
- 47.9-64.9(213') DACITE TUFF  
Brownish grey to 55 (biotite alteration). Dark grey with brownish tinge to end. Sulphides 1-2%.
- 47.9-54.9(157-180') Minor stringers and flecks of chalcopryrite. 2% sulphides.

DDH-M-10

P. 2

47.9-64.9 (213')

DACITE TUFF

61 (200')

15 cm band containing 5%  
sulphides - pyrite and  
chalcopyrite.

64.9

END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	M-11
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	FEBRUARY 20, 1981
DATE FINISHED	FEBRUARY 25, 1981
AZIMUTH	0°
INCLINATION	60° (12m-60°) (90m-59°)
LENGTH	92.7m
CORE SIZE	BQ
LATITUDE	5,498, 818
DEPARTURE	497, 438
ELEVATION	809m
LOGGED BY	G. ARCHIBALD

- 0-3.1 (10') CASING  
(Left in hole).
- 3.1-27.7 (91') DACITE TUFF  
Dark grey, fine grained, massive less than 1/4% sulphides - trace of chalcopyrite and sphalerite ie 14.9. No siliceous beds as in hole M-10.
- 27.7-50.6 (166') RHYOLITE TUFFS  
Medium to light grey, fine siliceous (cherty) to medium grained rhyo-dacitic beds. Sulphides variable average 2-3%. Same rock as in M-10 less silicified and much less mineralized. Grains and minor stringers of sphalerite-traced of chalcopyrite and galena. See assay sheet for scattered representative samples.
- 27.7-32.9 (91'-108') Siliceous cherty tuff.
- 32.9-35.7 (108-117') RHYO-DACITE fine to medium grained.
- 35.7-43.9 (117-144') Very fine grained altering soft to hard siliceous tuffs. Bedding 45° to core axis.
- 43.9-44.2 (144-145') Medium grained, beds of sphalerite.
- 44.2-50.6 (145-166') Alternating fine to medium-fine beds. Bedding 45° to core axis.
- 50.6-78.0 (256') DACITE TUFF  
Or rhyo-dacite tuff - brown (biotite alteration). Fine grained massive. 1% sulphides, mainly pyrite. Occasional 1 cm fleck of black chlorite.
- 56.2-56.5 (184.5-185.5') 3cm quartz stringer with 1/2% chalcopyrite and sphalerite at 0-10 degrees to core axis.
- 78.0-92.7 (256'-304') RYHOLITE TUFF (chlorite)  
Chlorite flecks to 3 cm light grey. Weak foliation at 50° to core axis.
- 78.0-86.6 (256'-284') Fine disseminated pyrite 1-3%.
- 86.6-88.1 (284'-289') 1-2mm grain size, no chlorite

DDH M-11

88.1-89.0 (289'-292') Fine grained, argilloceous.  
Bedding 50° to core axis.

89.0-92.7 (292'-304') Medium grained, 2-4mm.  
Massive. Less than 1/8  
pyrite. Incipient biotite  
alteration.

92.7

END OF HOLE



MAGGIE MINES LIMITED

HOLE NUMBER	M-12
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	FEBRUARY 26, 1981
DATE FINISHED	MARCH 2, 1981
AZIMUTH	180 <sup>o</sup>
INCLINATION	60 <sup>o</sup> (12m-58 <sup>o</sup> ) (75m-58 <sup>o</sup> )
LENGTH	76.5
CORE SIZE	BQ
LATITUDE	5,498, 831
DEPARTURE	497, 472
ELEVATION	828
LOGGED BY	G. ARCHIBALD

0-0.9(3.0')	CASING
0.9-6.1(20.0')	RHYOLITE TUFF Fine to medium grained (2-4mm). Medium grey (basic rhyolite tuff).
6.1-10.1(33.0')	ARGILLITE Badly broken and sheared at 0 degrees to core axis. 2% fine disseminated pyrite.
10.1-10.7(35.0')	RHYOLITE TUFF Same as 0.9-6.1. A few small grains of sphalerite.
10.7-18.9(62.0')	RHYOLITE TUFF Fine grained, less than 1mm., medium grey, same composition as 0.9-6.1. Mainly massive with some fine bedded sections at 0° to core axis. Occasional stringer and small bleb of sphalerite.
18.9-21.3(70.0')	DACITE TUFF Brownish grey, fine grained, very minor threads of galena and sphalerite.  21.3-15mm gauge at 10° to core axis (fault).
21.3-27.1(89.0')	ARGILLITE Dark grey to black. ½% fine pyrite.
27.1-29.6(97.0')	DACITE TUFF (Brown) 3% pyrite - same as 18.9-21.3.
29.6-40.0(131.0')	TUFFACEOUS ARGILLITE Upper contact sharp at 45 degrees to core axis. Alternating beds of dark grey to black argillite and medium grey rhyo-dacite tuffs. Argillaceous sections very fine grained, the more siliceous sections coarser grained (to 4mm). Bedding averages 45 degrees to core axis. Sulphides less than 1%.
40.0-44.5(146.0')	RHYO DACITE TUFF Fine to medium grained. Lithic grains to 4mm. Light brownish grey. Less than ½% sulphides.
44.5-46.3(152.0')	MAFIC DIKE Greenish grey. Biotite crystals to 5mm.

46.3-50.6 (166.0) RHYOLITE TUFF  
Pinkish grey, fine grained, siliceous. A few grains of chalcopyrite at 47.5 (156').

50.6-59.1 (194') DACITE TUFF  
Quartz and feldspar grains to 3mm. Medium grey, massive faint bistite alteration. Dacite crystal tuff. Less than 1/2% pyrite.

59.1-61.9 (203') RHYOLITE TUFF-BRECCIA  
Light grey. Clasts to 4cm. 2% chlorite flecks. No sulphides.

61.9-71.3 (234') DACITE TUFF  
Same as 50.6-59.1.

71.3-75.6 (248') RHYOLITE TUFF-BRECCIA (chlorite)  
Light grey. Clasts to 5cm most 1-2cm or less. 2% black chlorite flecks 1-10mm. Weak foliation at 45 degrees to core axis. 1% pyrite.

75.6-76.5 (251') DACITE TUFF  
Brownish grey, fine grained massive.

76.5 END OF HOLE

## COMMENTS:

This hole was inadvertently drilled down a shear zone - geology and mineralization does not correlate well with other holes.

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-13</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>MARCH 3, 1981</u>
DATE FINISHED	<u>MARCH 18, 1981</u>
AZIMUTH	<u>228°</u>
INCLINATION	<u>50° (12m-49°) (100m-45°) (230m-42°)</u>
LENGTH	<u>231.3</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 756</u>
DEPARTURE	<u>479, 654</u>
ELEVATION	<u>818</u>
LOGGED BY	<u>G. ARCHIBALD</u>

- 0-2.4 (8.0') CASING  
(Left in hole).
- 2.4-20.7 (68.0') DIORITE  
Possibly a mafic tuff. Fine to medium grained (3mm). Dark green. Massive.  
7.0-10.1 (23'-33') Lamprophyre Dike.
- 20.7-50.9 (167.0') DACITE TUFF (Brown)  
Fine grained massive 90% less than 1%.  
Brownish grey (Biotite alteration). Weak foliation 60 degrees to core axis. 0.5% pyrite with short sections to 2%. A few grains of chalcopyrite.  
24.4-48.8 (80'-160') Core badly broken, scattered rusty fractures. (Shatter zone?).  
50.0-50.9 (164'-167') Light grey, altered siliceous bed.
- 50.9-71.9 (236') ARGILLITE  
Black, fine grained. Bedding where apparent 60-70 degrees to core axis. Scattered pyrite threads less than 1/2%.
- 71.9-130.1 (427') DACITE TUFF  
Ash flow tuff? Porphyroclastic? (Whatever) same as in hole M-1. Irregular, pale yellowish grey, epidotized lithic grains 0.5-5mm (5-15%) in a dark greyish green matrix. Massive, uniform.  
108.2-109.4 (355'-359') Fine grained mafic dike, sharp contacts 60° to core axis.  
108.5 (356') 10cm mud - drill sludge or gauge?  
110.6 (363') 7 cm mud - drill sludge or gauge?  
112.2-115.8 (368'-380') Fine grained mafic dike.

- 130.1-141.4 (427'-464') DACITE TUFFS & BRECCIA  
 Gradational with the above section. Mainly non-porphyroclastic where they occur lithic grains to 4mm. but unaltered. More siliceous looking.
- 131 (430') 1-3% sulphides-pyrite  
 pyrrhotite minor  
 chalcopyrite sphalerite  
 and galena.
- 131.9 (433') A few small stringers of  
 chalcopyrite.
- 132.6 (435') 10cm silicified zone with  
 sphalerite and galena.
- 134.1-135 (440'-443') BRECCIA-Clasts to 10cm  
 same composition or matrix.
- 138.3-141.4 (454'-464') Brecciated-138.7-139  
 3% pyrrhotite and pyrite.
- 141.4-159.4 (523') DACITE TUFF  
 Same as 71.9-130.1.
- 159.4-231.3 (759') DACITE TUFFS & BRECCIA  
 Mineralized - 0.5 - 3% pyrite minor  
 chalcopyrite. Clasts to 10cm mostly dacitic  
 in a dacitic matrix, occasionally altered  
 (epodite). A few light grey (1%) siliceous  
 fragments. Fragments round, usually  
 porphyritic. Similar/same as 141.4-159.4.  
 This unit same as in Placers 79-4 and M-1.  
 Mineralized but no chlorite.
- 167.0-168.6 (548'-553') 3% pyrite. 167.6-3cm  
 30% pyrite stringer 50°  
 to core axis.
- 192 (630') 2-4% pyrite in stringers  
 and blebs.
- 199.6-205.7 (655'-675') Incipient block chlorite  
 alteration as in 79-4 but  
 much less.
- 201.2-205.7 (660'-675') Minor disseminated  
 chalcopyrite. A few  
 silicified stringers 1-7 cm  
 with chalcopyrite.

209.1-219.5 (686'-720') 2% pyrite with short sections (15-30cm) of 5-7% pyrite. Trace of chalcopyrite. Very weak incipient chlorite alterations.

211.8-213.4 (695'-700') Round siliceous clasts to 3cm (5%) 1% round pyrite clasts (?) to 1.5cm.

221.0-231.3 (725'-759') Dacite tuffs - occasional fragment to 2cm. Clasts and matrix same composition. Dark greenish grey. 1-3% pyrite.

225.2-225.8 Maffic dike.

231.3

END OF HOLE

COMMENTS:

Drill unable to drill any deeper (JKS-300 drill)  
Mineralization to end of hole.

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-14</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>MARCH 16, 1981</u>
DATE FINISHED	<u>APRIL 22, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>50° (12m-50°) (90m-48°) (175m-47°)</u>
LENGTH	<u>177.7</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 821</u>
DEPARTURE	<u>497, 484</u>
ELEVATION	<u>820</u>
LOGGED BY	<u>G. ARCHIBALD</u>



- 0-4.6 (15') CASING  
(Left in hole).
- 4.6-6.1 (20') ARGILLITE  
Dark grey, fine grained Argillaceous tuff.  
A few small stringers and blebs of sphalerite  
and chalcopyrite. Bottom contact 60° to core  
axis.
- 6.1-16.5 (54') RHYOLITE TUFF-BRECCIA  
Clasts to 2cm, 90% less than 1cm. 5-15%  
chlorite clasts and threads 90% less than  
1cm. Siliceous clasts and matrix.  
Occasional fine grained tuff bed. Ie 12.5-14.  
Bedding 45 degrees to core axis.
- 6.1-7.6 (20'-25') Small stringers and grains  
of chalcopyrite and  
sphalerite.
- 7.6-16.5 (25'-54') Traces of sphalerite  
sulphides 0.5% or less.
- 16.5-54.3 (178') RHYOLITE TUFFS  
Fine grained. Medium grey to brownish grey.  
Bedding where apparent 40 degrees to core axis.  
Variable sulphides from less than 1/4% to 5%  
mainly pyrite trace amounts of sphalerite,  
chalcopyrite and galena. (See assay sheet for  
representative samples).
- 16.5-19.5 (54'-64') Brownish grey-biotite rich.
- 21.9-26.2 (72'-86') Fine grained, medium grey  
tuff. Bedding at 40 degrees  
to core axis.
- 29.3-29.6 (96'-97') Gouge - weak foliation 20  
degrees to core axis.
- 30.5-35.7 (100'-117') Moderate biotite bedding.  
40 degrees to core axis.
- 35.7-45.0 (117'-147.5') Medium grey - no biotite,  
fine grained. Bedding  
30-40° to core axis.
- 45.0-49.2 (147.5'-161.5') Mineralized zone,  
weakly brecciated.  
Stringers of pyrrhotite,  
chalcopyrite minor  
sphalerite.
- 53.0-53.6 (174'-176') Dark greenish grey dike.  
Round white quartz grains  
to 2mm.

54.3-71.9 (236')

## RHYOLITE TUFF

Medium grained - medium grey faint brown tinge, probably called basic rhyolite tuff and occasionally porphyroclastic. 15% feldspar grains - a few quartz - averaging 2-3mm. 1/4 to 1/2% very fine pyrite. Massive.

70.7-71.9 (232'-236') Rhyolite tuff-breccia medium to light grey. Last metre coarse tuff breccia. Siliceous clasts to 4cm. Contact zone between upper more siliceous, but texturally similar rhyolite and underlying porphyritic dacite.

71.9-131.1 (236'-430')

## DACITE CRYSTALL TUFF

Ash flow tuff? 10-20% feldspar phenocrysts (2-4mm) in a dark greenish grey matrix. Same as in previous holes.

85.3-86.3 Bleached pale greenish grey. 2mm threads of sphalerite.

106.7-114.3 (350'-375') 0.5-3% pyrite trace of chalcopyrite.

110.0-111.3 (361'-365') 3% sulphides trace of chalcopyrite.

115.8-121.9 (380'-400') Incipient chlorite alteration.

126.5-131.1 (415'-430') 1-2% pyrite. A few small quartz stringers with minor chalcopyrite.

131.1-164.6 (540')

## DACITE TUFF

Similar to 71.9-131.1, but without the feldspar grains. Fine grained massive. No contact with above gradual disappearance of phenocrysts over 1-2 metre. Very weak chlorite alteration /eg 134-135.6. Sulphides 1/2-3% mainly pyrite.

131.1-132.9 (430'-436') 3-4% pyrite, trace of chalcopyrite with quartz stringers.

146.3-164.6 (480'-540') 1/2% pyrite.

149.4-154.8 (490'-508') Medium grey, soft incipient chlorite alteration. Patches of moderate biotite alteration. 1/2% pyrite trace of chalcopyrite.

151.2 (496') 1 cm gauge at 45 degrees to core axis.

154.8-157.9 (508'-518') Speckled texture. 10% feldspar grains to 4mm.

157.9-164.6 (518'-540') Moderate biotite alteration.

158.8 (521') 15 cm silicified zone banded at 45 degrees to core axis. 3-5% pyrite and pyrrhotite. Estimated 1000 ppm copper.

164.6-166.0 (545') MAFFIC DIKE  
Dark green. Round amygdule like quartz grains.

166.0-177.7 (583') DACITE BRECCIA  
Altered (epidote) and unaltered siliceous fragments to 10cm in a fine grained matrix. 15% fragments. Same (?) or breccia at end of Placer's DDH 79-4. Less than 1/4% pyrite.

177.7 END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	M-15
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	APRIL 23, 1981
DATE FINISHED	APRIL 28, 1981
AZIMUTH	180°
INCLINATION	70° (12m-70°) (75m-67°)
LENGTH	78m
CORE SIZE	BQ
LATITUDE	5,498, 821
DEPARTURE	497, 484
ELEVATION	820m
LOGGED BY	G. ARCHIBALD

0-2.4 (8')	CASING		
2.4-3.4 (11')	RHYOLITE TUFF	Medium grey, medium to fine grained. Minor grains of chalcopyrite and sphalerite.	
	2.4-3.4	194 ppm cu	3900 ppm Zn.
3.4-5.8 (19')	ARGILLITE	Tuffaceous argillite. Medium to dark grey, fine grained. Weak foliation at 35 degrees to core axis.	
	3.4-5.8	108 ppm cu	485 ppm Zn.
5.8-7.0 (23')	RHYOLITE TUFF BRECCIA	Clasts to 7 cm, medium grey. Threads of sphalerite, trace of chalcopyrite and galena.	
	5.8-7.0	480 ppm cu	3100 ppm Zn.
7.0-12.8 (42')	RHYOLITE TUFF BRECCIA	Distinct speckling with brownish grey to black flecks (15%). Round siliceous (quartz) clasts (3%) averaging 1 cm. Scattered minor grains of sphalerite. Upper contact sharp at 80° to core axis.	
	7.0-12.8	65 ppm cu	1383 ppm Zn.
	11.0-12.8 (36'-42')	Coarse fragmental, round siliceous clasts to 20 cm.	
12.8-18.6 (58')	RHYOLITE TUFF	Brecciated, mineralized zone. Stringers and grains of sphalerite, chalcopyrite and minor galena. Zone also silicified with veinlets and patches of quartz 10-40%. Silicification and mineralization closely associated.	
	13.7-14.3 (45'-47')	25% sulphides, sphalerite, galena and chalcopyrite mineralized stringers to 4 cm at 0-20° to core axis.	
	14.3-17.7 (47'-58')	3-5% sulphides.	
17.7-28.3 (93')	RHYOLITE TUFFS	Medium grey, fine grained, massive. Bedding where apparent 45-60 degrees to core axis. 1-3% sulphides.	
	17.7-28.3	33 ppm cu	448 ppm Zn.

	17.7-18.6(58'-61')	Brown rhyolite tuff. Foliation 30° to core axis. 5% quartz, trace of chalcopyrite.
	18.6-21.9(61'-72')	Uniform grey tuff. 1-2mm dark grey beds.
	21.9-23.8(72'-78')	Fine grained, weak foliation 50°. A few lmm threads of sphalerite.
	22.7	5mm gouge.
	22.7-25.6(78'-84')	Medium to coarse grained tuff. Grains to 5mm. Contacts 80° to core axis.
	25.6-26.4(84'-86.5')	Same as 18.6-21.9.
	26.4-27.3(89.5')	Argillaceous tuff-dark grey.
	27.3-28.3(93')	Same as 18.6-21.9.
28.3-31.1(102')		<b>TUFFACEOUS ARGILLITE</b> Dark grey to black, very fine sulphides (3%). This unit does not appear in M-14.
	28.3-31.1	158 ppm cu          635 ppm Zn.
31.1-33.5(110')		<b>RHYOLITE TUFFS</b> Brecciated, minor stringers and blebs of sphalerite, intermixed argilloceous material.
	31.1-33.5	280 ppm cu          2400 ppm Zn.
33.5-38.1(125')		<b>RHYOLITE TUFF</b> Brownish grey (Biotite) fine grained. 1/2% sulphides.
	33.5-38.1	.168 ppm cu          2014 ppm Zn.
38.1-40.2(132')		<b>MAFFIC DIKE</b> Round amygdule like quartz grains. Biotite grains to 4mm mottled greenish grey. Same as 53-53.6 in hole M-14.
		6 ppm cu          88 ppm Zn.

40.2-57.9(190')

## RHYOLITE TUFFS

Siliceous, fine grained, 0.5-3% sulphides-pyrite trace of chalcopryrite and sphalerite. Light grey, massive. Bedding where apparent 50-80 degrees to core axis.

40.2-57.9            77 ppm cu            580 ppm Zn.

50.6-50.9(166'-167')    0.5% chalcopryrite.

52.7-53.9(173'-177')    1% siliceous clasts,  
3-7cm.

53.9-57.9(190')            3% chlorite in flecks.

57.9-61.0(200')

## RHYOLITE BRECCIA

Rounded white quartz clasts to 2 cm in a siliceous matrix. Similar to 7.0-12.8. Less than 1/4% sulphides.

8 ppm cu            58 ppm Zn.

61.0-70.1(230')

## RHYOLITE TUFFS

Interbedded fine grained rhyolite tuffs and breccias. Tuffs same as 40.2-57.9, breccias same 57.9-61 finer grained. 3-5% chlorite flecks. Bedding 20-60 degrees to core axis. Less than 1/2% pyrite.

70.1-78.0(256')

## DACITE CRYSTAL TUFF

Ash flow tuff. Same as in previous holes. Contact 20 degrees to core axis. First 2 metres biotite alteration-brownish grey becoming greyish green.

78.0

END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-16</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>APRIL 29, 1981</u>
DATE FINISHED	<u>MAY 10, 1981</u>
AZIMUTH	<u>225°</u>
INCLINATION	<u>60° (12m-58°) (240m-54°)</u>
LENGTH	<u>242.9</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 783</u>
DEPARTURE	<u>497, 587</u>
ELEVATION	<u>819m</u>
LOGGED BY	<u>G. ARCHIBALD</u>



0-2.4 (8.0')	CASING (Left in hole).
2.4-5.2 (17')	RHYOLITE TUFF Medium grained (to 4mm). Medium grey. No sulphides.
5.2-12.8 (42')	RHYOLITE TUFF Very fine grained, dense chert like. Bedding and weak foliation 20° to core axis. Siliceous mudstone. Less than 1/2% pyrite.
12.8-21.3 (70')	ARGILLITE Dark grey to black, fine grained. Bedding averages 20° to core axis. 1/2% pyrite.  18.3-21.3 (60'-70') Interbedded silicious mudstone.
21.3-43.0 (141')	RHYOLITE TUFFS Similar to 5.2-12.8 slightly coarser grained. 3-5% black chlorite (?) flecks to 5mm. 1/2% sulphides-pyrite trace of chalcopyrite. Weak foliation 20° to core axis. Medium grey, faint brown tinge. Weak incipient chlorite alteration  21.3-24.3 Transition zone - interbedded argillite. Bedding 20-30° to core axis.
43.0-47.2 (155')	RHYOLITE TUFF (chert) Siliceous light grey rhyolite tuff. Bedding 40-45° to core axis. 1% pyrite.  45.1-45.7 (148'-150') Medium-fine grained (2mm) gritty mixed rhyolite-argillite.
47.2-57.9 (190')	ARGILLITE Black, very fine grained. Stringers and threads of pyrite. Bedding 45° to core axis.  51.8-57.9 (170'-180') 10% interbedded tuff.
57.9-61.9 (203')	RHYOLITE TUFF (chert) Light grey siliceous. Same as 43.0-47.2.
61.9-64.6 (212')	ARGILLITE Tuffaceous.  64 (210') Threads and blebs of chalcopyrite.

64.6-76.5 (251')

## DACITE TUFF

Massive, fine to medium grained. Feldspar grains (phenocrysts) to 2 mm. Medium to dark grey. Weak incipient chlorite and biotite alteration. Ash flow tuff (?). Trace of sulphides except for blebs of sphalerite in a 4 cm silicified zone at 75.3 (247').

64.6-67.0 (220')

Brownish grey, moderate biotite alteration at upper contact.

76.5-78.3 (257')

## MAFFIC DIKE

Mottled dark green. Round amygdule like quartz grains.

78.3-83.5 (274')

## DACITE TUFFS

Same as 64.6-76.5.

81.1 (266')

Trace of sphalerite and chalcopryrite.

83.5-88.1 (289')

## DACITE TUFF

No feldspar phenocrysts, medium grey. Incipient chlorite alteration (2-3%). Weak foliation at 0-20° to core axis.

88.1-211.2 (693')

## DACITE TUFFS AND BRECCIAS

1% or less round siliceous porphyritic fragments 0.5-15 cm in a fine grained dacite matrix. Fragments small, less than 1 cm first 10 metre gradually increasing in size. Similar/same as Placer's 79-4 hole. Trace of sulphides.

96-130.5 (315'-428') Weak chlorite alteration. 0.5% pyrite trace of chalcopryrite. Weak foliation 10-30° to core axis. 5% fragments.

130.5-146.0 (479')

5-10% fragments 1-5 cm of which 80% grey (epoditized). Less than 1/4% pyrite. No chlorite.

146.0-146.6 (481')

Maffic dike.

166.4-167 (546'-548')

5% pyrite.

189.9-192.3 (623-631')

Maffic dike.

207.2 (680') A few small stringers of chalcopyrite.

211.2-242.9(749') DACITE TUFFS (Mineralized)  
 Basically the same as above without the fragments. Variable pyrite 0.5-7% average. 2-3%. Sections with weak chalcopyrite Mineralization occasional trace of sphalerite. weak silicification as quartz stringers and patches in short sections comprising 10% of core. Best mineralization commonly associated with the silicification. Weak chlorite alteration.

214-214.6(702'-704') Maffic dike.

212.4-217.9(697-715') 2% pyrite.

217.9-218.5(717') 5% pyrite.

218.5-221.9(728') 2% pyrite.

221.9-230.1(755') 15% quartz, 5% pyrite minor chalcopyrite.

230.1-232.6(763') 1% pyrite. 5 cm of weak chalcopyrite mineralization at 231.6(760').

232.6-240.8(790') 0.25 to 0.5% pyrite.

240.8-242.9(797') 1% pyrite, trace of chalcopyrite.

242.9 END OF HOLE

## COMMENTS:

Weak mineralization to end of hole. Unable to drill deeply with equipment on hand (JKS 300 and B.Q. Tools). The mineralization in the lower horizon 211-242 not as good as in the holes to the S.E. eg: M-13, 79-4.

MAGGIE MINES LIMITED

HOLE NUMBER	M-17
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	MAY 10, 1981
DATE FINISHED	MAY 13, 1981
AZIMUTH	150°
INCLINATION	60° (50m-58°)
LENGTH	55.2
CORE SIZE	BQ
LATITUDE	5,498, 821
DEPARTURE	497, 484
ELEVATION	820m
LOGGED BY	G. ARCHIBALD

0-3.4(11')	CASING (Pulled).
3.4-8.2(27')	RHYOLITE TUFFS Medium to light grey, fine grained 1/4% pyrite. 4.9-7.0(16'-23') Cherty, dark grey, brecciated.
8.2-11.0(36')	RHYOLITE TUFF - BRECCIA Siliceous clasts 1 cm in a siliceous matrix. 10% dark grains of chlorite and biotite. 0.5% pyrite.
11.0-21.9(72')	RHYOLITE TUFFS (brown) Moderate biotite alteration. Flecks of chlorite to 5 mm. Occasional silicified sulphide stringer to 1 cm at 0-15 degrees to core axis, some individual stringers plus 3% zinc ie: 15.8.
21.9-28.3(93')	RHYOLITE TUFFS Rhyolite tuffs and minor tuffaceous argillites. Occasional mineralized stringer and bleb of sphalerite, galena and chalcopyrite.
28.3-31.2(102.5')	ARGILLITE 30.5-31.2(100'-102.5) Tuffaceous argillite blebs of sphalerite and chalcopyrite.
31.2-34.3(112.5')	MINERALIZED ZONE Silicified and brecciated fine grained rhyolite tuff. Stringers and blebs of chalcopyrite and sphalerite.
34.3-43.6(143')	ARGILLITE & TUFFACEOUS ARGILLITE 1% pyrite.
43.6-46.3(152')	MAFFIC DIKE Muttled, round quartz grains. Same as in previous holes.
46.3-55.2(181')	RHYOLITE TUFF - BRECCIA 7% black chlorite flecks to 10 mm. Scattered round clasts to 1 cm. Light grey. Very siliceous after 51.8. 1/4% pyrite.
55.2	END OF HOLE

DDH M-17 was drilled at the suggestion of H. Hopkins.

MAGGIE MINES LIMITED

HOLE NUMBER	M-18
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	MAY 15, 1981
DATE FINISHED	MAY 18, 1981
AZIMUTH	0°
INCLINATION	60° (90m-57°)
LENGTH	98.5
CORE SIZE	BQ
LATITUDE	5,498, 822
DEPARTURE	497, 484
ELEVATION	820
LOGGED BY	G. ARCHIBALD

- 0-2.4 (8') CASING  
(Pulled).
- 2.4-6.1 (20') RHYOLITE TUFF  
Very fine grained rhyolite tuff and argillaceous tuff. Same as 2.4-5.8 in M-15. A few blebs of chalcopyrite.
- 6.1-9.8 (32') RHYOLITE TUFF BRECCIA  
Same as 7.0-12.8 (23'-42') in M-15. Section 5.8-7.0 (19'-23') missing in M-18.
- 9.8-10.4 (34') RHYOLITE TUFF  
Brecciated, silicified and mineralized. Much less mineralization as 12.8-17.7 in M-15.
- 10.4-23.8 (78') RHYOLITE TUFF (Brown)  
Moderate biotite, brownish grey, fine grained, massive. Weak foliation at 45 degrees to core axis. Scattered 0.5-15 cm quartz stringers averaging 2 per metre, 80% of which carry associated weak chalcopyrite, sphalerite and galena mineralization. Same as 17.7-18.6 in hole M-15.
- 23.8-25.3 (83') RHYOLITE TUFF  
Medium to light grey, fine grained, weak foliation at 40 degrees to core axis. Less than 1/4% sulphides.  
  
10.4-25.3 (34'-83') Equivalent to 17.7 to 28.3 (58'-93') in M-15.
- 25.3-42.1 (138') RHYOLITE TUFF (chert)  
Siliceous, very fine grained, dense. Weak foliation 20-30° to core axis. Occasional bedding 20° to core axis. Less than 1/4% pyrite. This unit not in M-15.
- 42.1-44.2 (145') MAFFIC DIKE  
Same as 28.1-40.2 M-15.
- 44.2-53.0 (174') ARGILLITE  
85% argillite, 15% tuffaceous argillite. Bedding and foliation 10-20° to core axis. Less than 1/4% pyrite. Same as 28.3-31.1 in M-15.
- 53.0-74.7 (245') RHYOLITE TUFF  
Medium to dark grey, fine grained, massive. 0.5% pyrite trace of sphalerite. Equivalent(?) to 31.1-57.9 in hole M-15.  
  
70.1-71.6 (230'-235') Quartz minor stringers of sphalerite, galena and pyrrhotite.

74.7-98.5 (323')

## RHYOLITE TUFF - BRECCIA

Round white siliceous matrix. Distinct white quartz grains (clasts) 1-4 mm. Chlorite flecks. Scattered grains of sphalerite, less than 1/2%. Weak foliation at 40° to core axis. (Same as 57.9-70.1 in M-15).

98.5

END OF HOLE



MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-19</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>MAY 23, 1981</u>
DATE FINISHED	<u>MAY 29, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>65° (120m-63°)</u>
LENGTH	<u>123.7</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 872</u>
DEPARTURE	<u>497, 512</u>
ELEVATION	<u>850</u>
LOGGED BY	<u>G. ARCHIBALD</u>

- 0-1.8 (6.0') CASING  
(Left In Hole).
- 1.8-18.6 (61') DACITE BRECCIA  
Clasts to 15 cm, 80% less than 5 cm. 25% quartz grains 1-5 mm. Sections with weak pyrite mineralization. Less than 0.25%.
- 18.6-23.8 (78') TUFFACEOUS ARGILLITE AND RHYOLITE  
Fine grained, medium to dark grey. Bedding 20-60 degrees to core axis.
- 23.8-52.1 (171') DACITE TUFF  
Medium grey, fine grained, massive. Scattered (5%) siliceous clasts 1-2 cm. Lapilli tuff.
- 29.0-29.6 (95'-97') Fine banding 35° to core axis.
- 29.6-31.1 (102') Maffic dike.
- 32.3-33.2 (106'-109') Maffic dike.
- 33.5-38.1 (110'-125') Core sheared and broken-weak fault zone.
- 52.1-62.8 (206') RHYOLITE TUFF (chert)  
Very fine grained, massive, cherty rhyolite interbedded with less siliceous intermediate material. Bedding 60-70° to core axis. No sulphides.
- 62.8-74.4 (244') RHYO-DACITE TUFFS  
Medium grey faint brown tinge (biotite). Fine grained massive tuffs. Bedding 45-60° to core axis. No sulphides.
- 74.4-82.6 (271') RHYOLITE TUFF  
Fine grained, massive, similar to above but more siliceous. Brownish grey. Less than 0.25% pyrite.
- 82.6-89.0 (292') RHYOLITE BRECCIA  
Quartz clasts to 3 cm in a siliceous matrix. Medium to light grey. 5% chlorite flecks, 1 to 10 mm. No sulphides.
- 89.0-92.7 (304') MAFFIC DIKE  
Chilled contacts 45° to core axis. Greenish grey. 2% feldspar grains (1 mm).

92.7-116.1(381')

## RHYOLITE TUFFS

Light grey, fine grained, massive. 30% siliceous, 70% intermediate siliceous beds. Bedding where apparent 40-60° to core axis. Weakly mineralized overall less than 1% short sections 3%. Pyrite, sphalerite, phrrhotite, trace of chalcopyrite and galena. Same as massive grey rhyolite tuffs in previous holes.

108.5-109.1(356'-358') Threads of sphalerite, trace of galena.

92.7-95.7(304'-314') Threads of sphalerite, trace of galena.

116.1-123.7(406')

## RHYOLITE BRECCIA

Siliceous clasts 4 cm in a siliceous matrix. Similar to 82.6-89.0. Medium grey, faint brown tinge. Less than 1/4% pyrite.

123.4-123.7(405'-406') Very fine grained, cherty bed.

123.7

END OF HOLE

MAGGIE MINES LIMITED

HOLE NUMBER	<u>M-20</u>
N.T.S.	<u>92 G 11E</u>
CLAIM	<u>WAR EAGLE</u>
DATE COLLARED	<u>JUNE 5, 1981</u>
DATE FINISHED	<u>JUNE 11, 1981</u>
AZIMUTH	<u>180°</u>
INCLINATION	<u>83° (12m-83°) (150m-83°)</u>
LENGTH	<u>168.9</u>
CORE SIZE	<u>BQ</u>
LATITUDE	<u>5,498, 966</u>
DEPARTURE	<u>497, 427</u>
ELEVATION	<u>910M</u>
LOGGED BY	<u>G. ARCHIBALD</u>

0-1.8' (6')	CASING (Left in hole).
1.8-66.8 (219')	DACITE TUFFS Mostly crystal tuffs (ash flow tuffs). Up to 15% feldspar grains (phenocrysts). Occasional round lapilli like fragment. Dark grey, massive.
1.8-21.9 (6'-72')	Dark grey, massive feldspar phenocrysts to 4mm. No fragments.
21.9-30.8 (101')	Medium to dark grey lapilli tuff. Weak foliation at 50° to core axis. Broken but sharp contacts with above and below units.
21.9-46.3 (152')	SILICIFIED-Lacelike grey quartz stringers to 15%. 10-15% feldspar (occasionally quartz) grains to 4mm.
46.3-56.4 (185')	Crystal tuff same as 1.8-21.9.
56.4-61.6 (202')	Medium grey, fine grained weak foliation at 20 degrees to core axis.
61.6-66.8 (219')	Same as 46.3-56.4.
66.8-67.7 (222')	MAFFIC DIKE Mottled, dark green. Same as in previous holes.
67.7-73.5 (241')	DACITE TUFF Same as 1.8-66.8.
73.5-90.5 (297')	DACITE TUFF Fine grained, massive, no phenocrysts, no clasts. Dark grey becoming lighter grey more siliceous down hole.
	76.2-82.3 (250'-270') Up to 3% chlorite patches to 7 cm.
90.5-91.4 (300')	MAFFIC DIKE Dark grey to black fine grained.

91.4-118.9 (390')

## RHYOLITE TUFFS

Low silica rhyolite to rhyo-dacite. Fine grained massive. Rare bedding at 50° to core axis. Medium to light grey. Variable sulphides to 3%, mostly less than 1%. Pyrite trace of chalcopyrite and sphalerite.

97.5-109.7 (320'-360') Core badly broken, numerous fractures and minor gauge slips parallel to core axis. Portal shear zone?

118.9-129.5 (425')

## RHYO-DACITE TUFFS

Medium grey, faint brown tinge (biotite). Fine to medium grained (to 3mm). Massive - no bedding. 1 to 7% (20 cm width) sulphids, mainly pyrite, occasionally chalcopyrite, sphalerite, rare galena. Better mineralization with silicification and chlorite alteration.

126.2-128 (414'-420') Three bands to 30 cm of 25% chlorite, 10% quartz with sulphides to 7% chalcopyrite, sphalerite, pyrite trace of galena.

N.B. Best chlorite alteration since Placer's 79-4 hole. Chlorite in stringers 1-2cm wide at 10-20° to core axis.

129.5-158.5 (520')

## RHYOLITE TUFFS

Predominately rhyolite tuffs, a few beds of rhyo-dacite. Fine grained, massive. Occasional bedding at 25° to core axis. Light grey. Sulphides average less than 1% - pyrite, sphalerite rare galena and chalcopyrite.

129.5-144.8 (425'-475') Scattered small stringers and grains of sphalerite - average one per two metres. Estimated best 200 ppm over two metres.

146.3-150.6 (480'-494') Medium grained to 4 mm.

150.6-158.5 (520') 1% chlorite in flecks averaging 5 mm.

158.5-168.9(554')

## RHYOLITE TUFF - BRECCIA

Clast to 2 cm both siliceous and mafic in a siliceous matrix. 1% pyrite trace of chalcopyrite  
Medium grey with faint brown tinge. 2% chlorite in flecks to 7 mm.

166.1-166.7(545'-547') Maffic Dike.

167.6-168.5(550'-554') Fine grained rhyolite tuff.

168.9

END OF HOLE

## COMMENTS:

This hole was partially located for a down hole E.M. survey.

MAGGIE MINES LIMITED

HOLE NUMBER	M-21
N.T.S.	92 G 11E
CLAIM	WAR EAGLE
DATE COLLARED	JUNE 12, 1981
DATE FINISHED	JUNE 14, 1981
AZIMUTH	260°
INCLINATION	80° (50m-80°)
LENGTH	59.7
CORE SIZE	BQ
LATITUDE	5,499, 150°
DEPARTURE	497, 318
ELEVATION	850m
LOGGED BY	G. ARCHIBALD



MAGGIE MINES DDH M-21

0-6.4 (21')

CASING

(Left in hole).

6.4-56.7 (186')

DACITE TUFF (Lapilli Tuff)

Round siliceous clasts to 15 cm - 90%. 1 to 2cm in a massive dacitic matrix. Abundance of clasts variable about one per metre. Clasts bluish-grey. Similar rock types in other holes. Eg: M-20.

53.3-56.7

Slightly altered, appear to be approaching a contact.

56.7-59.7

Hole caving.

Hole was abandoned at 59.7 - drillers were unable to penetrate beyond this depth. From pieces of core and plot of geology, the hole appears to be in a badly broken contact zone. Hole should be deepened by casing to 59.7 and drilling AQ or by cementing.

59.7

END OF HOLE



Province of  
British Columbia

*Suspense*  
**RECEIPT**

241207 H

*6805<sup>00</sup>*

THE SUM OF *sixty-eight hundred & five* — *IX* DOLLARS

ON ACCOUNT OF: *standing order 136,000 plus N/G Supp.*  
*pending app. of Jy. (78-2 Group)*

RECEIVED FROM *Magic News Ltd.* *July 27 1981*

*St. Johns 898-5318*

*41849 Government Rd. Granddell B.C.*

*Vanouver*  
ISSUING OFFICER

*L.P. Phillips*  
SIGNING OFFICER

SUB-RECORDER

50802

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave.  
 SURREY, B.C.  
 V4A 2E6

SOLD TO

MAGGIE MINES LTD

THIRD STREET

SQUAMISH, B.C.

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9437

DATE	SHIPPED VIA	FED LICENCE NO	PROV. LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
Dec 15/80							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH 80-02					
		BW Casing 0-35 feet					
		Start of Core 34 feet					
		Foot of Hole 627 feet					
		Total Footage 627 feet			627	\$23.00	14,421.00
		6 Acid Tests			6	35.00	210.00
Left in hole		35 feet of BW Casing			35	13.00	455.00
		1 BW Casing Shoe			1	209.25	209.25
		Total					15,295.25
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.					DATE SHIPPED	B/O FROM	B/O TO

50803

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave.  
 SURREY, B. C.  
 V4A 2E6

SOLD TO

MAGGIE MINES LTD.

Third Ave.

SQUAMISH, B.C.

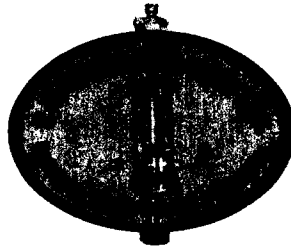
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DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUH ORDER NO.	TERMS	SALESMAN
Jan 14/80							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH 80-03 (Falcon-War Eagle Property) NW Casing 0 to 15 feet BW Casing 0 to 29 feet The above casing was recovered Start of core 28' Foot of hole 386' Total footage 386' 2 Acid tests (at 117 and 300')				NC \$23/ft 35ea	\$8,886.00 70.00 <del>\$8,956.00</del>
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.				E & O E	DATE SHIPPED	B/O FROM	B/O TO

INVOICE

**INVOICE**

PHONE: 433-5141



5791 BERESFORD STREET  
BURNABY, B.C. V5J 1J9

DIAMOND DRILL  
REPAIRS & SERVICE  
CORE BOXES  
WIRE-LINE HOISTS

Jan. 16/81

TERMS: NET 15th OF MONTH FOLLOWING

SOLD TO: Ultra Hoists Diamond Drilling Ltd.,  
12720 - 24th Ave.,  
Surrey, B.C.  
V4N 2G6

SHIP TO: Above,

ORDER DATE  
Nov. 25/80

SALES TAX LIC. No.
EXEMPT B.S.M.A. TAX No.
EXTRA
CUSTOMER'S ORDER No. K.A.
SHIPPING DATE Various
P.P.D.
COLL.

VIA Call OUR ORDER No. 4620

QTY. ORDERED	BACK O.	DESCRIPTION	UNIT PRICE	QTY. SHIPPED	AMOUNT
90 only		1/2" DIA DRILL	4.40	90	\$ 396.00
25 "		" " " " " " " "	1.80	25	45.00
1 "		1/2" DIA DRILL HOIST	525.00	1	525.00
					\$ 966.00
					38.64
					\$1,004.64

*Purchased for Maggie Menes Ltd  
paid by Ultra Hoists Diamond Drilling - for payment  
E J Ahab*

**Nº 10146**

TERMS: ACCOUNTS DUE & PAYABLE ON OR BEFORE  
30 DAYS FROM DATE OF INVOICE. 2% PER MONTH  
CHARGED ON OVERDUE AMOUNTS.

TOTAL \$ 1,004.64

PLEASE OBLIGE US BY PAYING ACCOUNT FROM THIS INVOICE. STATEMENTS WILL NOT BE ISSUED. THANK YOU.

**INVOICE**

PHONE: 433-5141

5791 BERESFORD STREET  
BURNABY, B.C. V5J 1J9

Feb 26/81

**DIAMOND DRILL  
REPAIRS & SERVICE  
CORE BOXES  
WIRE-LINE HOISTS**

TERMS: NET 15th OF MONTH FOLLOWING

SOLD TO: SINO...  
12720 - 24th Ave.,  
Vancouver, B.C.  
V4L 2L6

SHIP TO above

*Purchased For  
Mozzie Mine Ltd*

ORDER DATE  
Feb 16.81

SALES TAX LIC. No. EXEMPT
S.S.M.A. TAX No. NXTBA
CUSTOMER'S ORDER No. K.A.
SHIPPING DATE Feb 23/81
P.P.D. COLL.

VIA *CALL* OUR ORDER No. 4107

QTY. ORDERED	BACK O.	DESCRIPTION	UNIT PRICE	QTY. SHIPPED	AMOUNT
1 only		CORE BOX BACK FOR 12 BOXES	575 00	1	575 00
					23 00
					598 00
<i>OK for payment</i> <i>Jan 60/81</i>					

**Nº 10205** TERMS: ACCOUNTS DUE & PAYABLE ON OR BEFORE 30 DAYS FROM DATE OF INVOICE. 2% PER MONTH CHARGED ON OVERDUE AMOUNTS.

PLEASE OBLIGE US BY PAYING ACCOUNT FROM THIS INVOICE. STATEMENTS WILL NOT BE ISSUED. THANK YOU.

50804

ULTRA MOBILE DIAMOND DRILLING LTD  
12720 24th Ave  
SURREY, B. C.  
V4A 2E6

*Order # 558  
Jan. 30/81*

SOLD TO

MAGGIE MINES LTD  
Third Ave  
SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
							<i>W. Ball</i>
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH # <sup>81-1</sup> 4 (Falcon War Eagle Property)					
		NW Casing 0 To 20 Feet			20ft	\$18/ft	360.00
		BW Casing 0 to 27 Feet			27ft	\$13/ft	351.00
		Casing requested to be left in hole					
		Start of core 26 feet					
		Foot of hole 314 feet					
		Total Footage 314 feet			314ft	\$23.00	7,222.00
		2 Acid Tests			2	\$35.00	70.00
							6
							\$8,003.00
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED.				E & O E	DATE SHIPPED	B/O FROM	B/O TO
N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.							

*Order Payment  
to  
Surrey*

INVOICE

50805

ULTRA MOBILE DIAMOND DRILLING LTD  
 12720 24th Ave.  
 SURREY, B.C.  
 V4A 2E6

22 # 259  
 Jan 29/81

SOLD TO

MAGGIE MINES LTD.

Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN. SHIPPED	UNIT PRICE	AMOUNT
		81-2 DDH # 5 (Falcon War Eagle Property)					
		NW Casing 0 to 10 Feet			10	\$18/ft	180.00
		BW Casing 0 to 17 Feet			17	13/ft	211.00
		Casing requested to be left in hole					221.00
		Start of core 15					
		Foot of hole 309			309ft	\$23	\$7,107.00
		2 Acid tests			2	\$35	70.00
		<i>OK for Paul</i> <i>by [Signature]</i> <i>2/1/81</i>					\$7,758.00
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED.				E & O F	DATE SHIPPED	B/O FROM	B/O TO
N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.							

INVOICE



50806

ULTRA MOBILE DIAMOND DRILLING LTD  
 12720 24th Ave  
 SURREY, B.C.  
 V4A 2E6

2 L # 560 per 3/11

SOLD TO

Maggie Mines Ltd

Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN		
							K. Allen		
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN. SHIPPED	UNIT PRICE	AMOUNT		
		51-8 DDH #6 (Falcon War Eagle Property) BW Casing ) 0 to 17 Feet Requested to be left in hole Start of Core 16 Feet Foot of Hole 242 <del>666</del> feet Total Footage 2 Acid Tests			17	\$ 13	221.00		
		<i>OK for payment of 242ft</i> <i>of 242ft</i>			242ft	\$23	\$5,566.00		
					2	\$35	70.00		
							\$5,857.00		
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.						E & O E	DATE SHIPPED	B/O FROM	B/O TO

INVOICE

50808

ULTRA MOBILE DIAMOND DRILLING LTD  
 12720 24th Ave.  
 SURREY, B.C.  
 V4A 2E6

SOLD TO

MAGGEE MINES LTD

Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO	PROV LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
Feb 7/81							K.Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN. SHIPPED	UNIT PRICE	AMOUNT
		DBH # 7 (Falcon War Eagle Property)					
		BW Casing 0 to 19ft Left in hole			19ft	\$13/ft	247.00
		Start of core 18 ft					
		Foot of hole 313 ft					
		Total Footage			313ft	\$23/ft	7,199.00
		Two acid tests at 40ft and 313ft			2	\$ 35	70.00
							<b>\$7,516.00</b>
CHECK NO 574 Feb 9/81				BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.		PAGE: [ ] DATE SHIPPED: [ ] B.O FROM: [ ] B.O TO: [ ]	

INVOICE

50809

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave  
 SURREY, B.C.  
 V4A 2E6

SOLD TO

MAGGIE MINES LTD

THIRD AVE

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO	PROV LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
Feb 7/81							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH # 8 (Falcon War Eagle Property)					
		BW Casing 0 to 17 Ft			17ft	\$13/ft	\$ 221.00
		Start of Core 16 ft					
		Foot of hole 262 ft					
		Total Footage 262 ft			262 ft	\$ 23/ft	6026.00
		Two acid tests 40ft and 262ft			2	35	70.00
							<u>\$6,317.00</u>
<small>BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE          UNLESS WE ARE OTHERWISE ADVISED.          N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.</small>				E & O F	DATE SHIPPED	B/O FROM	B/O TO

change #574  
 Feb 9/81

INVOICE

50810

ULTRA MOBILE DIAMOND DRILLING LTD  
12720 24th Ave  
SURREY, B. C.  
V4A 2E6

SOLD TO

MAGGIE MINES LTD.

Third Ave.

SQUAMISH, B. C.

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DATE		SHIPPED VIA		FED LICENCE NO	PROV. LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
Feb 21/80									K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION					QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH # 9 (Falcon War Eagle Property)							
		BW Casing 0-17' (pulled -No Bedrock)					17	23.00	391.00
		Steepen $\frac{1}{4}$ 5 Degrees							
		BW Casing 0 to 17 Feet Left in hole					17	23.00	221.00
		Foot of hole 267 feet					267	23.00	6,141.00
		Two Acid Tests					2	35.00	70.00
									6,823.00
						EXOT	DATE SHIPPED	B O FROM	B O TO

*OK for  
J. Allen  
2/28*

BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE  
UNLESS WE ARE OTHERWISE ADVISED  
N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.

INVOICE

50811

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave  
 SURREY, B.C.  
 V4A 2E6

SOLD TO

MAGGIE MINES LTD

Third Ave

SQUAMISH, B. C.

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DATE	SHIPPED VIA	FED LICENCE NO	PROV LICENCE NO.	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN	
Feb 21/81							K. Allen	
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT	
		DDH # 10 (Falcon War-Eagle property)						
		BW Casing 0-12			12	13.00	156.00	
		Start of Core 10 Feet						
		Foot of Hole 213 Feet						
		Total Footage			213	23.00	4,899.00	
		Two Acid Tests			2	35.00	70.00	
							5,125.00	
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.					E & O E	DATE SHIPPED	B/O FROM	B/O TO

*ok for payment*  
*[Signature]*

INVOICE

50812

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave  
 SURREY, B.C.,  
 V8A 2E6

SOLD TO

MAGGIE MINES LTD.

THIRD ST.

SQUAMISH B.C.

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DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Mar 5/81							K. ALLEN
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH # 11 (Falcon War-Eagle Property)					
		BW Casing 0-9' (all recovered )				NC	
		Start of Core 8'					
		Foot of hole 305'					
		Total Footage			305	\$23.00	\$7015.00
		Two Acid Tests			2	35.00	70.00
							\$7,085.00
				<i>of for Payment</i> <i>[Signature]</i>		<i>Chk 609</i> <i>Mar 9/81</i>	
E & O E	DATE SHIPPED	B/O FROM	B/O TO				

BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE  
 UNLESS WE ARE OTHERWISE ADVISED.

N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.

INVOICE

50813

ULTRA MOBILE DIAMOND DRILLING LTD  
12720 24th Ave Surrey B.C. V4A 2E6

SOLD TO

MAGGIE MINES LTD

Third Ave

SQUAMISH B.C.

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DATE	SHIPPED VIA	FED LICENCE NO.	PROV LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Mar 5/81							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
	( 9	BW Casing shoes left in DDH # 1, 2, 4, 5, 6, 7, 8, 9, 10			9	\$212.62	\$1,913.58
	3	Diamond Saw Blades			3	\$384.54	\$1,153.62
		See Attached J.K.Smit invoice # 123-2-81 Used to show cost of above items					\$3,067.20
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED.				E & O E	DATE SHIPPED	B/O FROM	B/O TO
N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.							

INVOICE

50814

ULTRA MOBILE DIAMOND DRILLING LTD.

12720 24th Ave

SURREY, B.C. V4A 2E6

SOLD TO

MAGGIE MINES LTD

THIRD AVE

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO.	PROV LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN	
Mar 17/81							K. Allen	
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT	
		DDH # 12 (Falcon War Eagle property)				NC		
		BW Casing 7' All recovered						
		Start of Core <del>21</del> 22 2 feet						
		Foot of hole 251 feet						
		Total Footage			251	23.00	\$5,773.00	
		Two Acid Tests			2	35.00	70.00	
							\$5,840.00	
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.					E & G F	DATE SHIPPED	B/O FROM	B/O TO

INVOICE



50816

ULTRA MOBILE DIAMOND DRILLING LTD

12720 24th Ave

SURREY, B.C. V4A 2E6

SOLD TO

Maggie Mines Ltd.

Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED. LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Mar 30/81							K. ALLEN
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		DDH # 14 (Falcon War Eagle Property)					
		BW Casing ) 0 to 15 Feet			15	13.00	195.00
		Start of Core 14 feet					
		Foot of hole 501 feet					
		Total Footage			501	23.00	11,523.00
		Two Acid Tests			2	35.00	70.00
							\$ 11,788.00
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED.				DATE SHIPPED		B/O FROM	
N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.						B/O TO	

INVOICE

50817

ULTRA MOBILE DIAMOND DRILLING LTD.

12720 24th Ave

SURREY, B.C. V4A 2E6

SOLD TO

Maggie Mines Ltd

Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO.	PROV LICENCE NO	YOUR ORDER NO	OUR ORDER NO	TERMS	SALESMAN
Apr. 20/81							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN SHIPPED	UNIT PRICE	AMOUNT
		<u>Deepen DDH # 14 (Falcon, War Eagle Property)</u> Casing and 501 Feet of Drilling Charged on Invoice # 50816					
		Additional Footage 501 to 587 feet			86 ft	23.00	1,978.00
		1 Acid Test			1	35.00	35.00
							\$ 2,012.00
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.				E & O.E	DATE SHIPPED	B/O FROM	B/O TO

INVOICE

50818

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave.  
 SURREY, B.C. V4A 2E6

SOLD TO

Maggie Mines Ltd

Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
April 27/81							K.ALLEN
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN. SHIPPED	UNIT PRICE	AMOUNT
		DDH # 15 (Falcon War Eagle Property)					
		BW Casing 0 to 10 Feet (Recovered)					NC
		Start Of Core 8'					
		Foot of hole 256					
		Total Footage			256	23.00	5,888.00
		Two Acid Tests			2	35.00	70.00
							<u>5,958.00</u>
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.				E & O F	DATE SHIPPED	R O FROM	B/O TO

INVOICE

63307

ULTRA MOBILE DIAMOND DRILLING LTD.  
 12720 24th Ave.  
 SURREY, B. C.  
 V4A 2E6

SOLD TO

MAGGIE MINES LTD

THIRD AVE

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO.	PROV. LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO.	TERMS	SALESMAN
Dec 15/80							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN. SHIPPED	UNIT PRICE	AMOUNT
		DLH 80-01					
		BW Casing 0 - 20 feet					
		Start of Core 19 feet					
		Foot of Hole 566 feet					
		Total Footage 566			566	\$23.00	13,018.00
		5 Acid tests			5	35.00	175.00
		left in hole { 20 feet of BW Casing			20	13.00	260.00
		1 BW Casing Shoe			1	209.25	209.25
		Total					13,662.25
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.				E & O E	DATE SHIPPED	B/O FROM	B/O TO

50850

Duplicate Invoice  
To Replace # 50815

Ultra Mobile Diamond Drilling Ltd  
12720 24th Ave  
SURREY, B.C. V 4A 2E6

SOLD TO

Maggie Mines Ltd

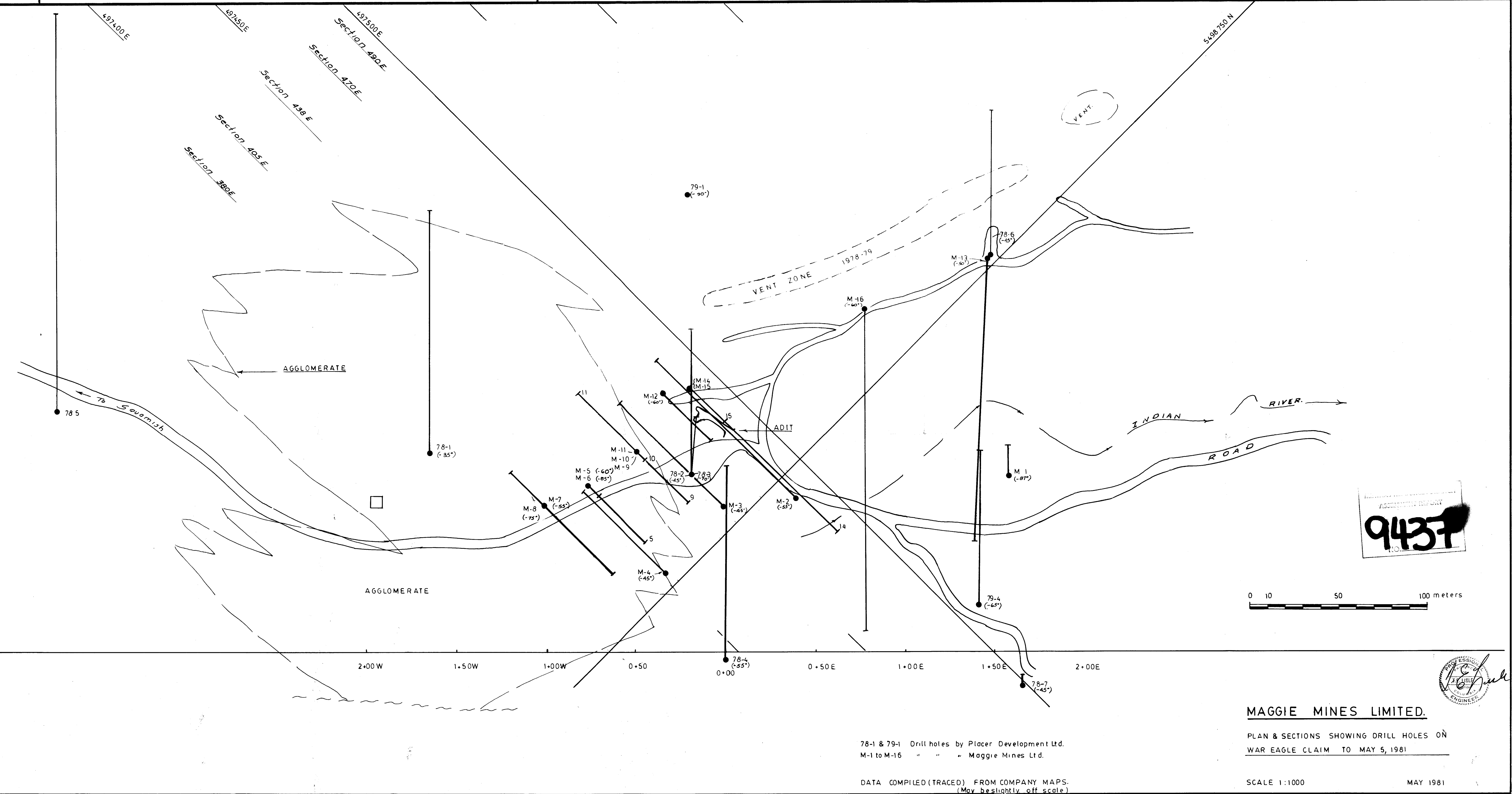
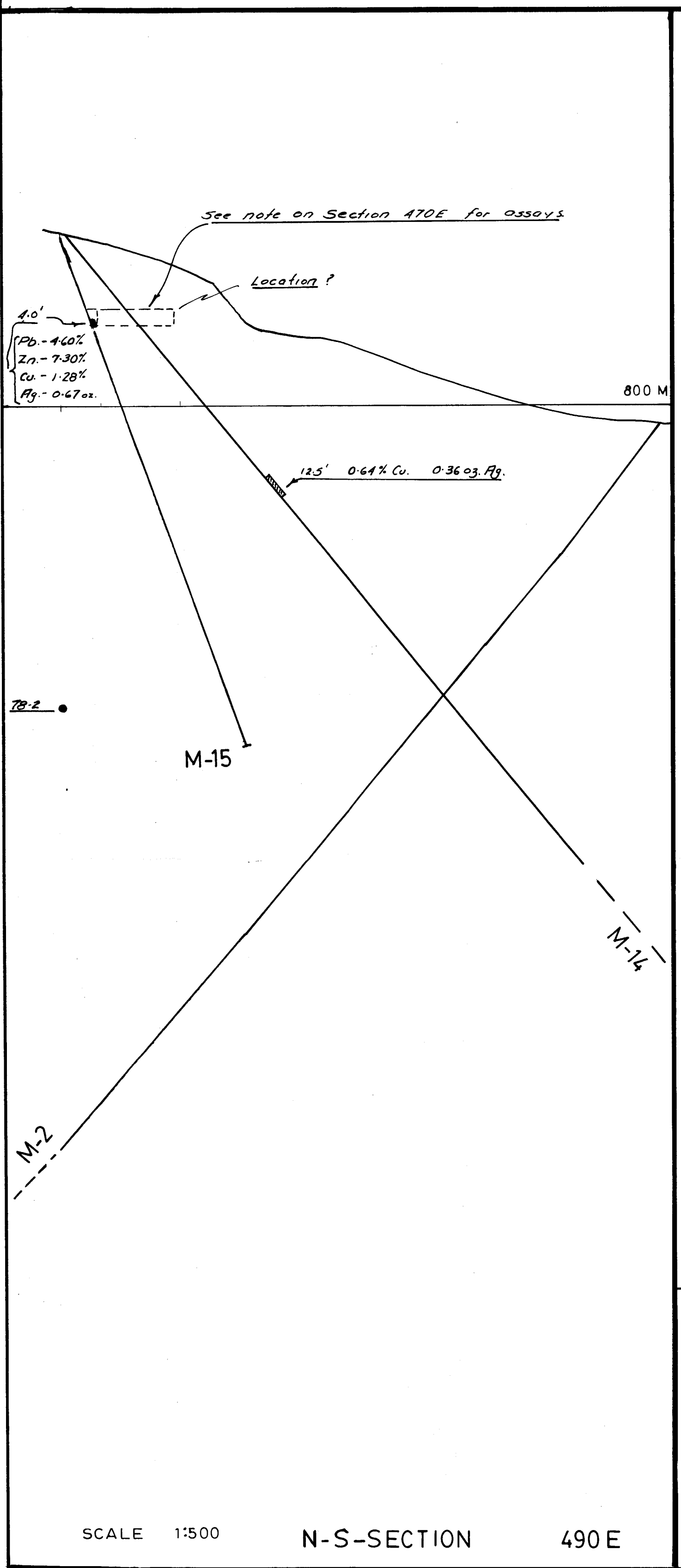
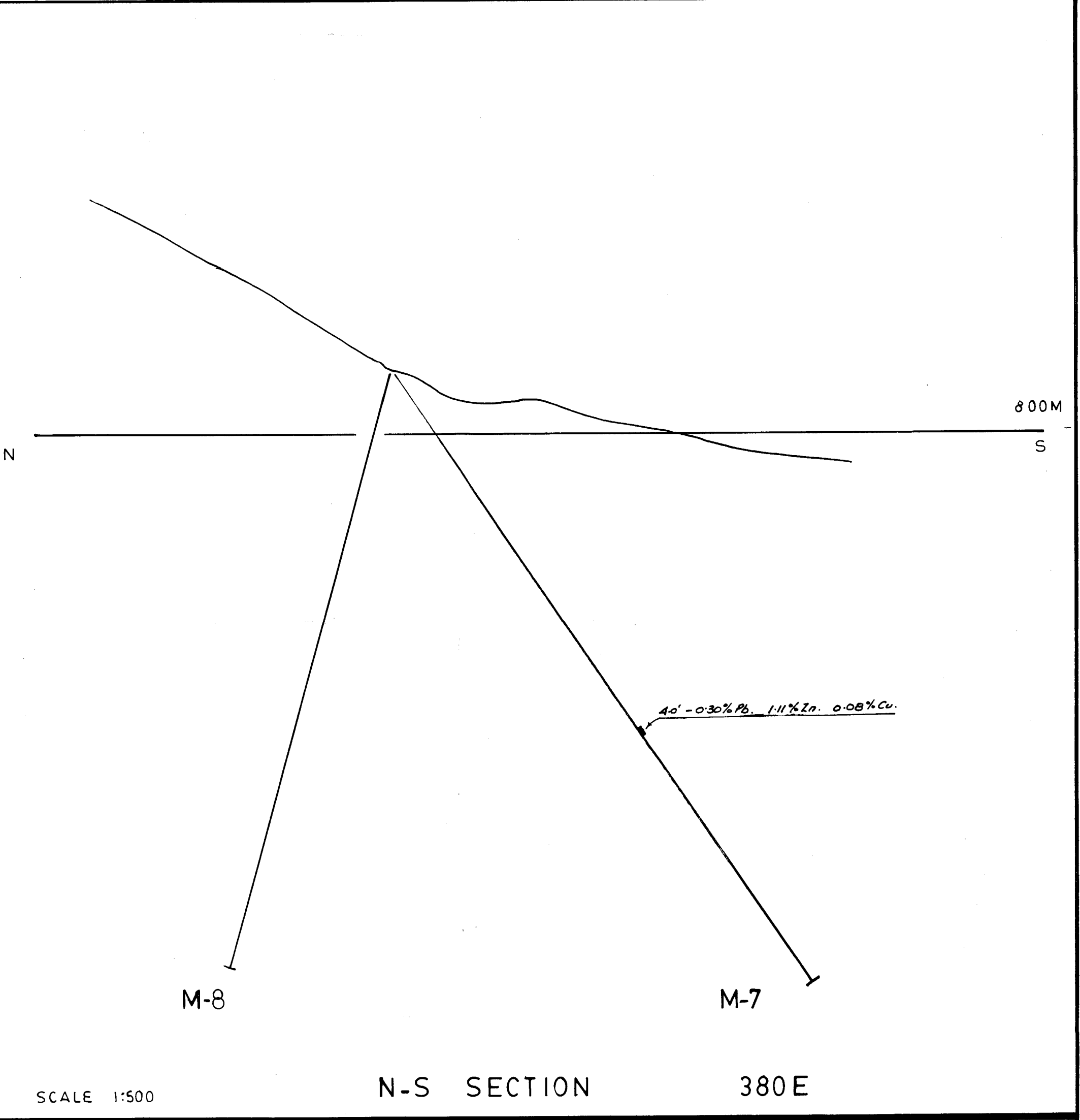
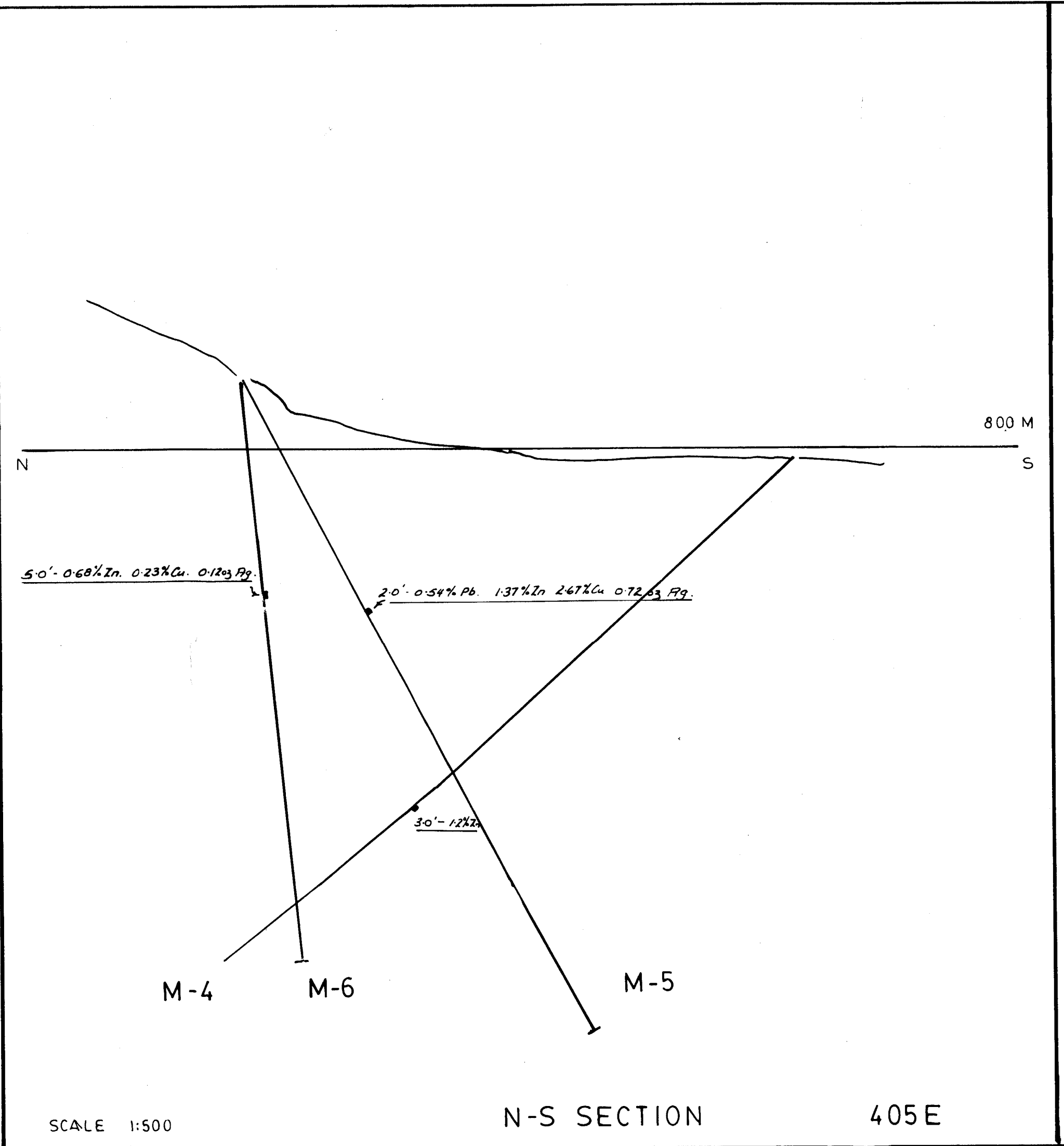
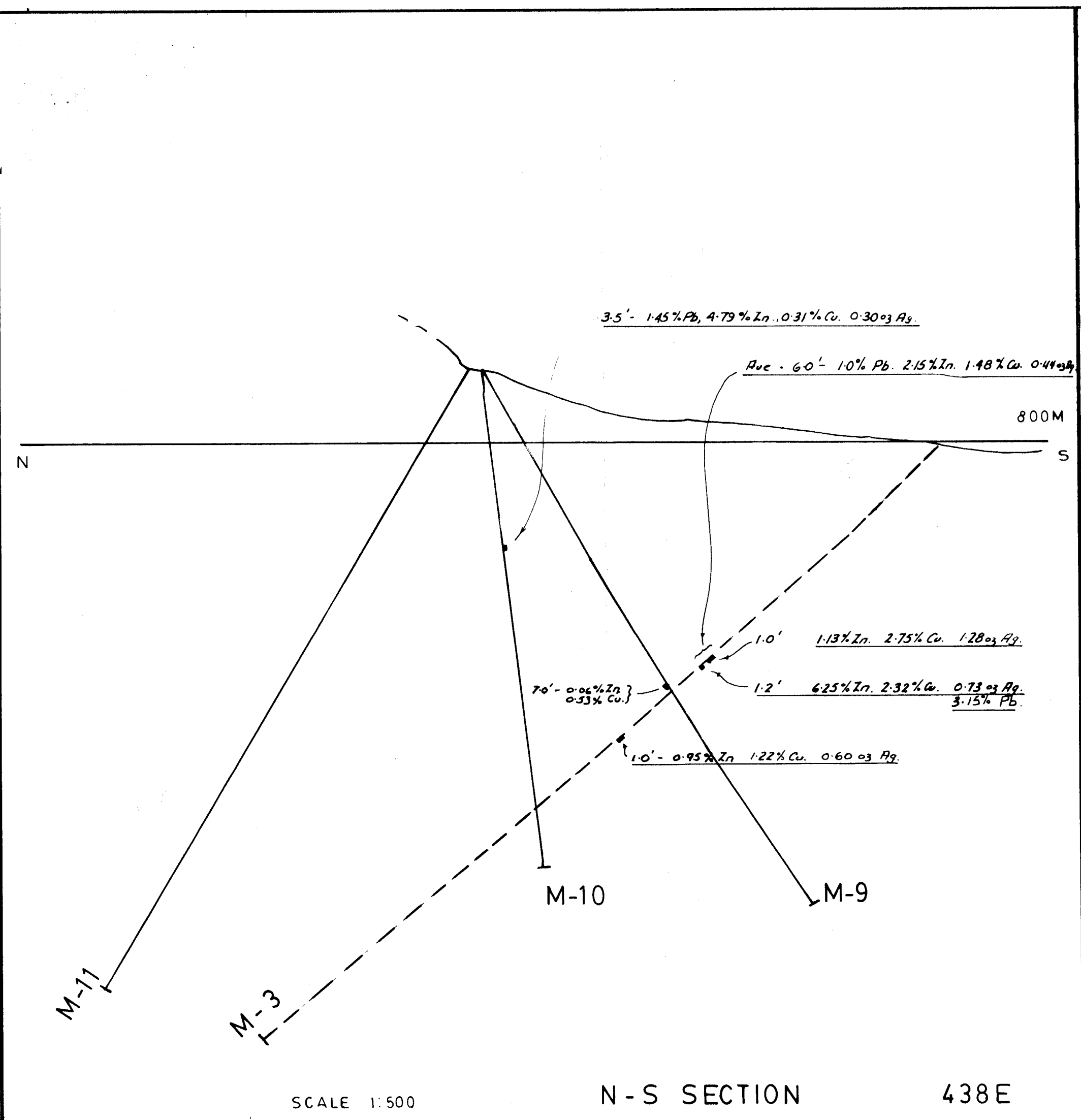
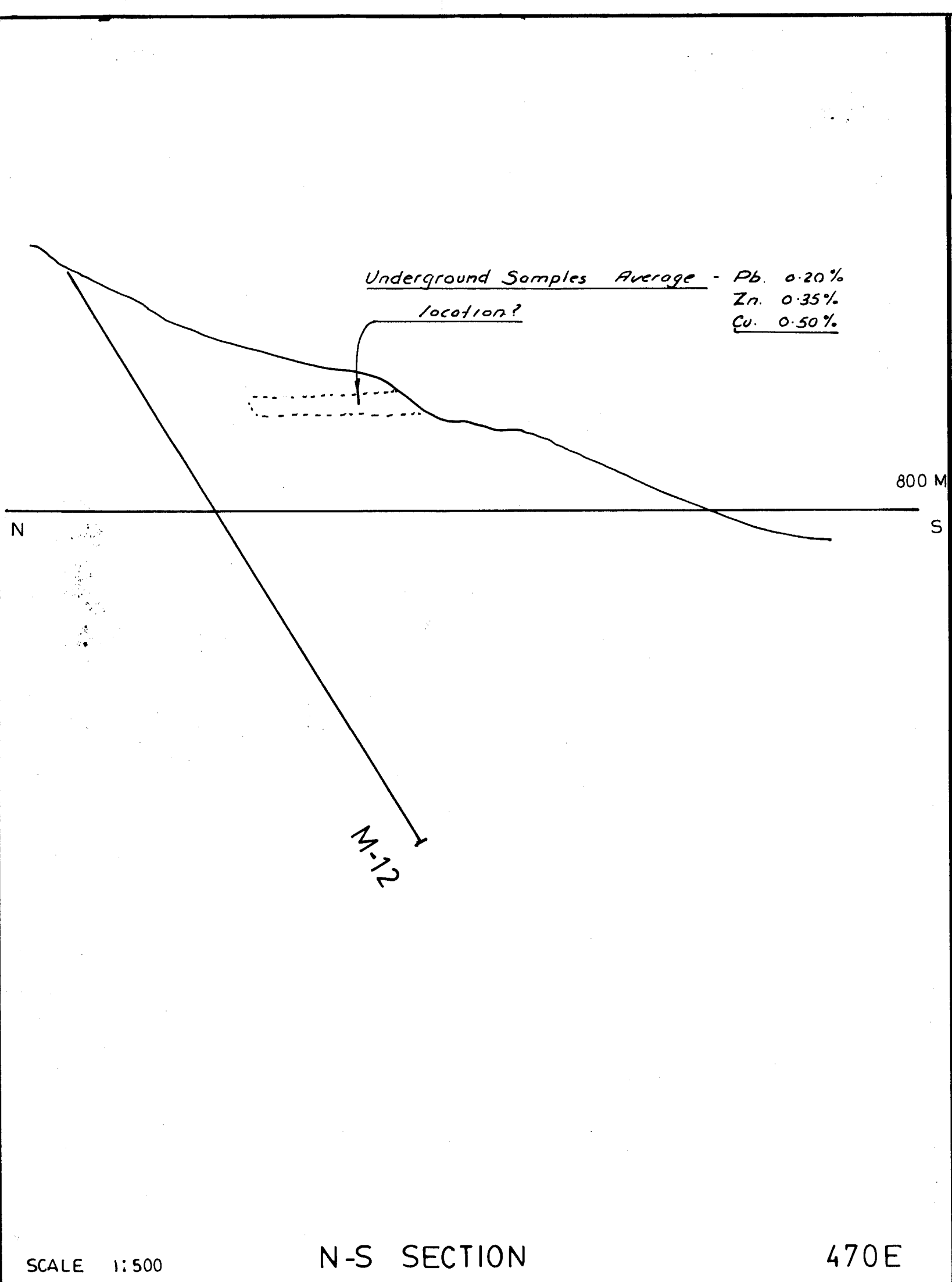
Third Ave

SQUAMISH, B.C.

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DATE	SHIPPED VIA	FED LICENCE NO	PROV LICENCE NO.	YOUR ORDER NO.	OUR ORDER NO	TERMS	SALESMAN
Mar 19/81							K. Allen
BACK ORDERED	QUAN ORDERED	DESCRIPTION			QUAN. SHIPPED	UNIT PRICE	AMOUNT
		DDH #13 (Falcon War-Eagle Property)					
		BW Casing 0- 10Feet					
		All Casing recovered				NC	
		Start of Core 9 feet					
		Foot of hole 759 feet					
		Total Footage			759'	23.00	\$17,457.00
		Three Acid Tests			3	35.00	105.00
							\$17,562.00
BACK ORDERED ITEMS WILL BE SHIPPED AS SOON AS AVAILABLE UNLESS WE ARE OTHERWISE ADVISED. N/A ITEMS ARE NOT AVAILABLE AND HAVE NOT BEEN BACK ORDERED.				E & O E	DATE SHIPPED	B/O FROM	B/O TO

INVOICE



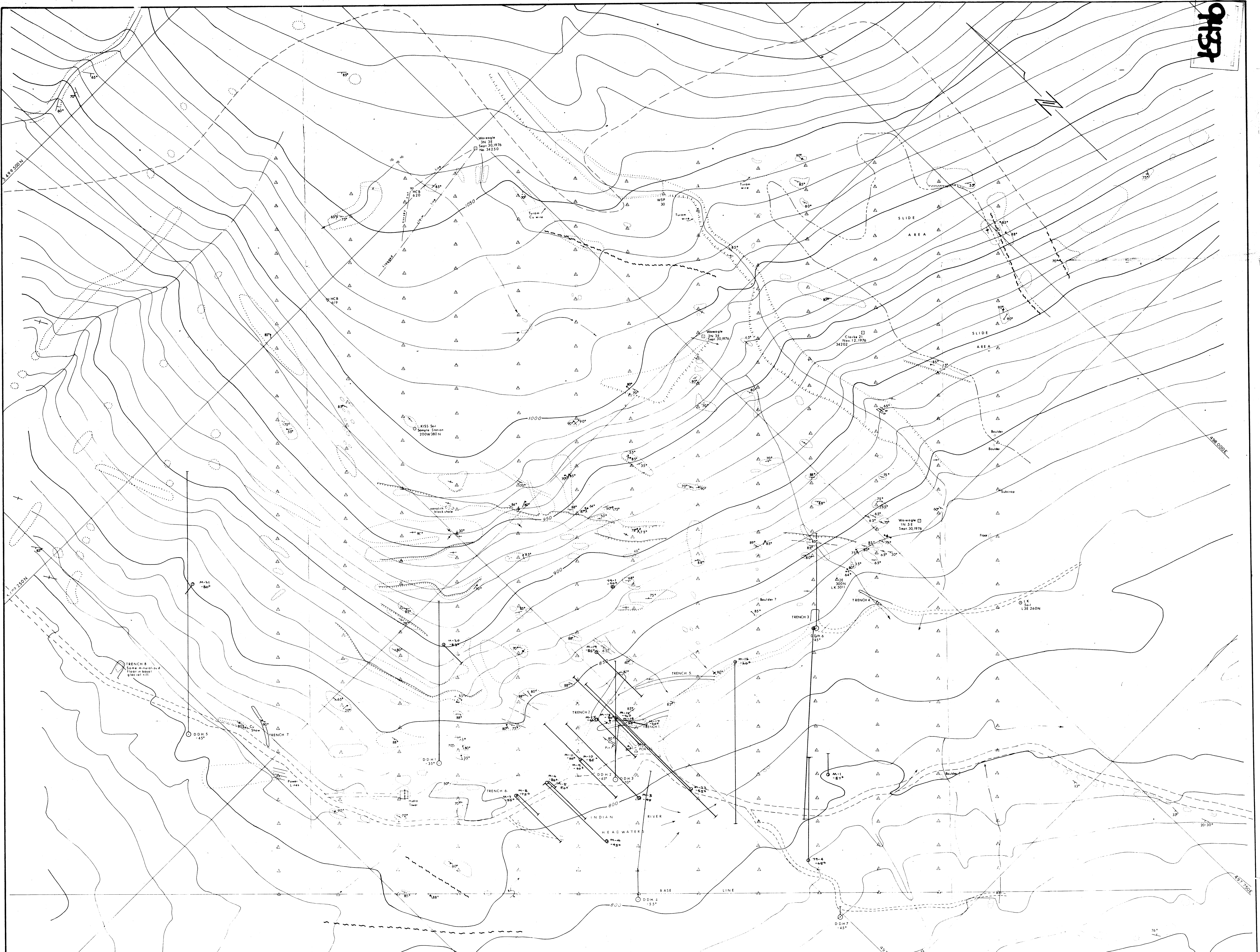
78-1 & 79-1 Drill holes by Placer Development Ltd.  
M-1 to M-16 " " " Maggie Mines Ltd.

DATA COMPILED (TRACED) FROM COMPANY MAPS.  
(May be slightly off scale)

MAGGIE MINES LIMITED.

PLAN & SECTIONS SHOWING DRILL HOLES ON  
WAR EAGLE CLAIM TO MAY 5, 1981

SCALE 1:1000 MAY 1981



- LEGEND**
- 2S - ARGILLITE
  - V2 - SILICEOUS VOLCANOCLASTIC, CHERT
  - V2-V4 - RHYO-DACITE VOLCANOCLASTIC
  - V4 - DACITE
  - V6 - ANDESITE
  - 2D - MAFIC DIKES, DACITE DIKES

- f - FLOW
- t - TUFF - GRAINS < 5mm
- △ - BRECCIA, AGGLOMERATE, LAPILLI TUFF CLASTS 0.5cm - 5cm
- ▲ - BRECCIA, AGGLOMERATE, LAPILLI TUFF CLASTS PLUS 5cm.
- - PORPHYRY
- ▲ - CRYSTAL TUFF, ASH FLOW TUFF
- a - SILICEOUS CLASTS
- b - MAFIC CLASTS
- st - SILICIFIED
- bn - BROWN (BIOTITE ALTERATION)
- ch - CLORITE ALTERATION
- - - GEOLOGICAL CONTACTS

- LEGEND**
- Bedding defined inclined 85° undifined or approximate 85°
  - Jointing defined inclined 40° vertical 90°
  - Schistosity defined inclined 80°
  - Banding defined inclined 80°
  - Foliation defined inclined 80°
  - Fault - - - - -
  - Outcrop - - - - -

- Unit contacts - - - - -
- Cliffs - - - - -
- Road - - - - -
- Mineralized showing X
- Trenches - - - - -
- Picker Stations △

DRAWN: A.C. SCALE: 1:1000  
 TRACED: A.K. DATE: JAN, 1979  
 REVISED:

**MAGGIE MINES LTD.**

**GEOLOGY**  
**DIAMOND DRILL HOLE LOCATIONS**