ASSESSMENT REPORT

OG CLAIMS, DAWSON M. D.

116C/16 and 116B/13

By

R. T. McIntosh, B.Sc., F.G.A.C.

August 13, 1976

091362

ASSESSMENT REPORT - DIAMOND DRILLING
August 13th to October 4, 1975

OG CLAIMS, COAL CREEK, Y.T.
140°00'W, 64°50'N, 116B/13, 116C/16

021362

BY: R. T. McIntosh, F.G.A.C.

TABLE OF CONTENTS

APPENDICES

PLATES

Introduction

A program of diamond drilling was carried out on the Og claims from August 13th to October 4th, 1975. The drilling targets were induced polarization anomalies, geochemical anomalies and gossan zones which were located during the exploration program carried out in 1974 and 1975 on the property.

Results of the drilling in 1975 were variable and sufficiently encouraging to warrant further diamond drilling during the 1976 field season.

Location and Access

The Og claims are located in the Dawson Mining Division at 140°00'W, 64°50'N at the boundary of claim sheets 116B-13 and 116C-16. The claim group is situated on a tributary of Coal Creek, approximately 50 miles north of Dawson City, Yukon Territory.

The claim area is readily accessible only by helicopter.

Personnel

The drilling program was contracted by Caron E. Diamond Drilling Limited, with head office in Whitehorse, Yukon Territory. Four qualified drillers were employed.

Mr. E. W. Yarrow of Hudson Bay Exploration and Development Company Limited, was the resident geologist throughout the project. Mr. R. T. McIntosh, Resident Geologist, Whitehorse directed the program. The summary of qualifications of Mr. Yarrow and Mr. McIntosh are included in this report.

The 0g claims, as listed in a claim summary included in this report, are owned by Hudson Bay Exploration and Development Company Limited, #1695 - 555 Burrard St., Vancouver, B.C.

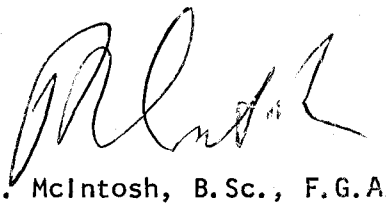
Diamond Drilling Program

The diesel drill, equipment and four personnel were mobilized to the property on August 13th, 1975 and were demobilized due to adverse weather conditions on October 4th, 1975. During this period, 12 holes were completed for a total of 6,451 feet. The location of the holes applied to assessment is shown on the diamond drill plan in the folder and logs and record sheets with assays are included.

The core recovered during the 1975 drilling program is stored in wood trays which are stacked at the main camp. The location of the core is shown on the diamond drill plan.

Conclusion

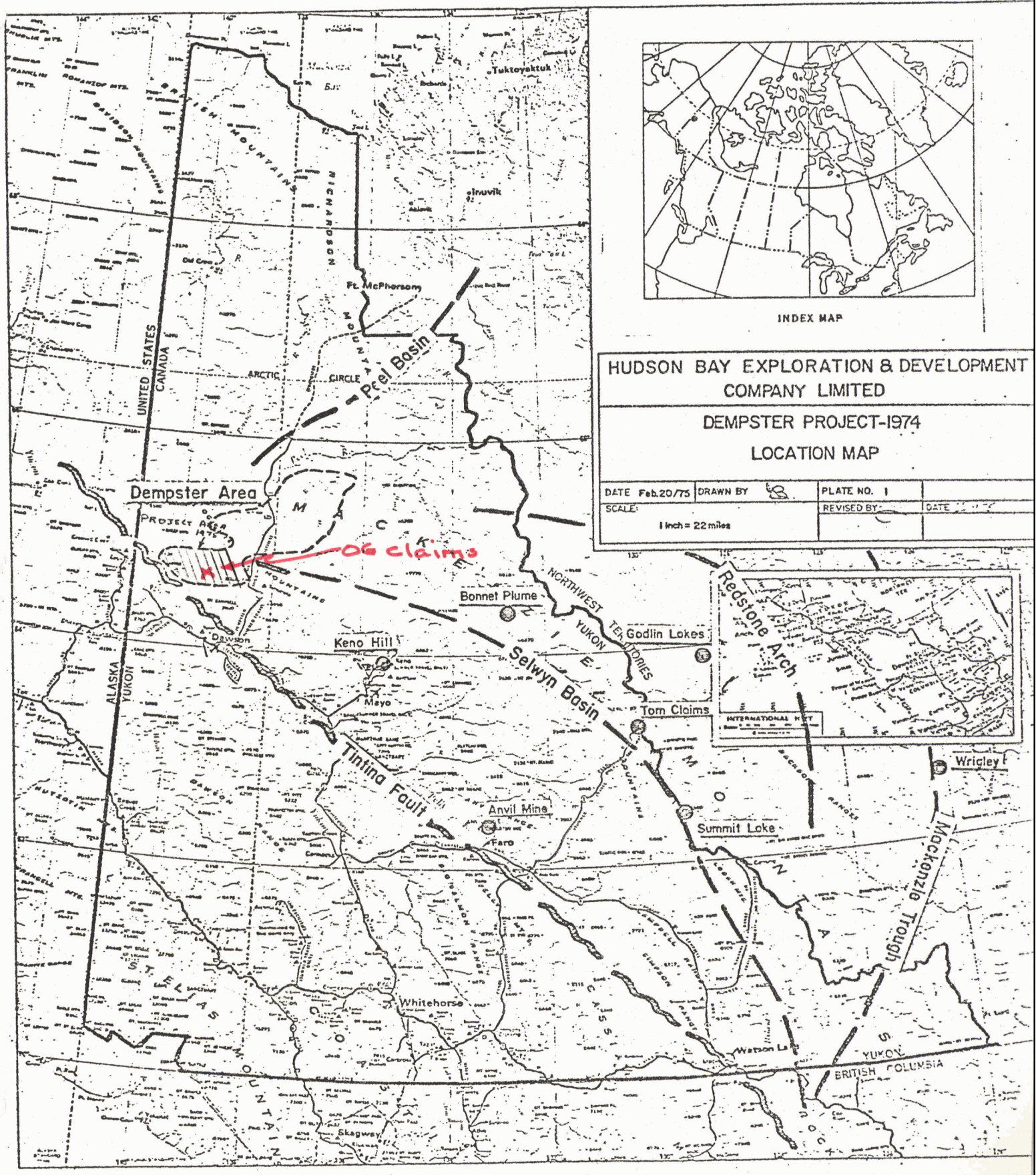
The 1975 drilling program was conducted in a very satisfactory manner. Results of the drilling are inconclusive but sufficiently encouraging to warrant further drilling in 1976.



R. T. McIntosh, B.Sc., F.G.A.C.
Resident Geologist

August 13, 1976

APPENDIX



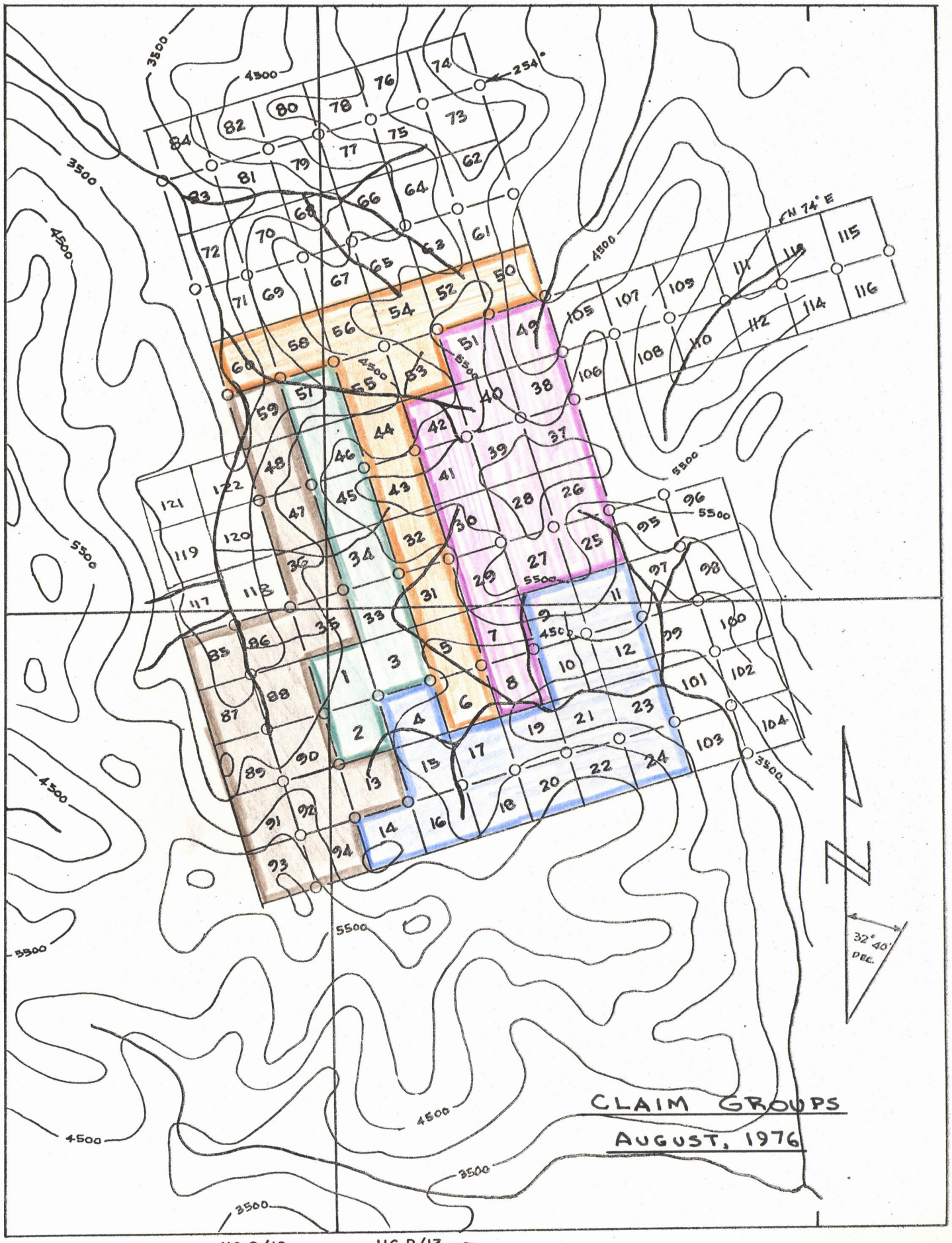
INDEX MAP

HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED

DEMPSTER PROJECT-1974

LOCATION MAP

DATE Feb.20/75	DRAWN BY	PLATE NO. 1	
SCALE: 1 inch = 22 miles		REVISED BY:	DATE



LOCATION MAP : OG CLAIM GROUP
SCALE : 1":3500' (APPROXIMATE)

UNPATENTED MINERAL CLAIMS

MINING DIVISION Dawson

LOCATION Coal Creek Area, Y.T.

PROPERTY OG Claims

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH19	ASSESSMENT 75	76	77
OG - 1	Dawson	Y89914		Aug 8/74	Aug 14/74	A. Groome	Sept 5/74	H.B.E.D.	March 5/75		Aug 14	x	x	x
- 2	"	5		"	"	"	"	"	"		"	x	x	x
- 3	"	6		"	"	"	"	"	"		"	x	x	
- 4	"	7		"	"	"	"	"	"		"	x	x	
- 5	"	8		"	"	"	"	"	"		"	x	x	
- 6	"	9		"	"	"	"	"	"		"	x	x	
- 7	"	20		"	"	"	"	"	"	NOT APPLICABLE	"	x	x	
- 8	"	1		"	"	"	"	"	"		"	x	x	
- 9	"	Y90079		Aug 9/74	Sept 6/74	G.E.Bidwell	Sept 6/74	"	"		Sept. 6	x	x	
- 10	"	80		"	"	"	"	"	"		"	x	x	
- 11	"	1		"	"	"	"	"	"		"	x	x	
- 12	"	2		"	"	"	"	"	"		"	x	x	
- 13	"	Y90013		Aug 8/74	Aug 27/74	J. Chapman	Aug. 27/74	"	"		Aug 27	x	x	x
- 14	"	4		"	"	"	"	"	"		"	x	x	x
- 15	"	5		"	"	"	"	"	"		"	x	x	
- 16	"	6		"	"	"	"	"	"		"	x	x	
- 17	"	7		"	"	"	"	"	"		"	x	x	
- 18	"	8		"	"	"	"	"	"		"	x	x	
- 19	"	9		"	"	"	"	"	"		"	x	x	
- 20	"	20		"	"	"	"	"	"		"	x	x	
- 21	"	Y89922		"	Aug 14/74	P.T. Coyle	Jan. 6/75	"	"		Aug. 14	x	x	
- 22	"	3		"	"	"	"	"	"		"	x	x	
- 23	"	4		"	"	"	"	"	"		"	x	x	
- 24	"	5		"	"	"	"	"	"		"	x	x	

UNPATENTED MINERAL CLAIMS

LOCATION Coal Creek Area, Y. T.

PROPERTY OG Claims

MINING DIVISION Dawson

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 1975	76	77
OG - 25	Dawson	Y89926		Aug 10/74	Aug 14/74	P.T. Coyle	Jan 6/75	H.B.E.D.	March 5/75		Aug 14	x	x	x
- 26	"	7		"	"	"	"	"	"		"	x	x	
- 27	"	8		"	"	"	"	"	"		"	x	x	
- 28	"	9		"	"	"	"	"	"	NOT	"	x	x	
- 29	"	Y90021		Aug 16/74	Aug 27/74	R. Cann	Aug. 27/74	"	"	APPLICABLE	Aug 27	x	x	
- 30	"	2		"	"	"	"	"	"		"	x	x	
- 31	"	3		"	"	"	"	"	"		"	x	x	
- 32	"	4		"	"	"	"	"	"		"	x	x	
- 33	"	5		"	"	"	"	"	"		"	x	x	
- 34	"	6		"	"	"	"	"	"		"	x	x	
- 35	"	7		"	"	"	"	"	"		"	x	x	x
- 36	"	8		"	"	"	"	"	"		"	x	x	x
- 37	"	9		"	"	E Yarrow	"	"	"		"	x	x	
- 38	"	Y90030		"	"	"	"	"	"		"	x	x	
- 39	"	1		"	"	"	"	"	"		"	x	x	
- 40	"	2		"	"	"	"	"	"		"	x	x	
- 41	"	3		"	"	"	"	"	"		"	x	x	
- 42	"	4		"	"	"	"	"	"		"	x	x	
- 43	"	5		"	"	"	"	"	"		"	x	x	
- 44	"	6		"	"	"	"	"	"		"	x	x	
- 45	"	Y90083		"	Sept 6/74	G.E. Bidwell	Sep 6/74	"	"		Sept 6	x	x	
- 46	"	4		"	"	"	"	"	"		"	x	x	
- 47	"	5		"	"	"	"	"	"		"	x	x	x
- 48	"	6		"	"	"	"	"	"		"	x	x	x

UNPATENTED MINERAL CLAIMS

MINING DIVISION ..... DAWSON .....

LOCATION ..... COAL CREEK AREA, YUKON TERRITORY .....

PROPERTY ..... OG CLAIMS .....

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 75	76	77
OG - 49	Dawson	Y90037		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	H.B.E.D.			Aug 27	x	x	
OG - 50	Dawson	YA2953		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 51	Dawson	Y90039		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	"			Aug 27	x	x	
OG - 52	Dawson	YA2953		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 53	Dawson	Y90041		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	"			Aug 27	x	x	
OG - 54	Dawson	YA2954		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 55	Dawson	Y90043		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	"		NOT	Aug 27	x	x	
OG - 56	Dawson	YA2955		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75	APPLICABLE	Oct 21		x	
OG - 57	Dawson	Y96087		Aug 16/74	Sept 6/74	K.J. Taylor	Sept 6/74	"			Sept 6	x	x	x
OG - 58	Dawson	YA2956		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 59	Dawson	Y96089		Aug 16/74	Sept 6/74	K.J. Taylor	Sept 6/74	"			Sept 6	x	x	x
OG - 60	Dawson	YA2957		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 61	Dawson	YA2958		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 62	Dawson	YA2959		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	"		"		x	
OG - 71	"	YA2960		"	"	V. McIntosh	Nov 19/75	"	"		"		x	
OG - 72	"	YA2961		"	"	V. McIntosh	Nov 19/75	"	"		"		x	

UNPATENTED MINERAL CLAIMS

MINING DIVISION ..... DAWSON .....

LOCATION ....COAL CREEK AREA, YUKON TERRITORY ....(116-B-13)

PROPERTY ....OG CLAIMS .....

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 76	77	78
OG - 73	DAWSON	Y99849		June 15/75	July 7/75	J. Pickell	July 7/75	H.B.E.D.			July 7	X		
" - 74	"	Y99850		"	"	"	"	"			"	X		
" - 75	"	Y99851		"	"	"	"	"			"	X		
" - 76	"	Y99852		"	"	"	"	"			"	X		
" - 77	"	Y99853		"	"	R. Bennett	"	"		NOT	"	X		
" - 78	"	Y99854		"	"	"	"	"			"	X		
" - 79	"	Y99855		"	"	"	"	"		APPLICABLE	"	X		
" - 80	"	Y99856		"	"	"	"	"			"	X		
" - 81	"	Y99857		"	"	"	"	"			"	X		
" - 82	"	Y99858		"	"	"	"	"			"	X		
" - 83	"	Y99859		"	"	"	"	"			"	X		
" - 84	"	Y99860		"	"	"	"	"			"	X		
" - 85	"	YA2616		Sept 11/75	Sept 29/75	E. Bennett	Sept 27/75	"	Dec 8/75		Sept 29	X		
" - 86	"	YA2617		"	"	"	"	"	"		"	X		
" - 87	"	YA2618		"	"	"	"	"	"		"	X		
" - 88	"	YA2619		"	"	"	"	"	"		"	X		
" - 89	"	YA2620		"	"	"	"	"	"		"	X		
" - 90	"	YA2621		"	"	"	"	"	"		"	X		
" - 91	"	YA2622		"	"	"	"	"	"		"	X		
" - 92	"	YA2623		"	"	"	"	"	"		"	X		
" - 93	"	YA2624		"	"	D Macfarlane	"	"	"		"	X		
" - 94	"	YA2625		"	"	"	"	"	"		"	X		
" - 95	"	YA2626		Sept 12/75	"	"	"	"	"		"	X		
" - 96	"	YA2627		Sept 12/75	"	"	"	"	"		"	X		
" - 97	"	YA2628		"	"	"	"	"	"		"	X		

R. T. MCINTOSH

- B. Sc. graduate in geology. University of Manitoba, 1933
- Continually employed in all phases of mineral exploration since 1933 in central Canada and the Yukon
- Has been the Resident Geologist in the Yukon Territory and adjoining Northwest Territory for Hudson Bay Exploration and Development Company Limited since 1965.
- Member of the Geological Association of Canada
- Home Address: 62 Klondike Road
  Whitehorse, Y.T.

EDWARD W. YARROW

Education:	B. Sc. in geology from University of British Columbia on graduation in 1970.
Summer Employment:	
1967, 1968	Falconbridge Nickel Mines - soil, silt sampling and prospecting
1969	Associated Geological Services - party chief on geochemical surveys, also carried out geological mapping and logging of drill core.
Following Graduation:	
1970-1971	American Smelting and Refining Co. - varied field work in Ireland including mapping, core logging and geophysical and geochemical surveys.
1971-1972	American Smelting and Refining Co. - property examinations in British Columbia
1973	Hudson Bay Exploration and Development Company Limited - geologist in charge of Yukonadian project on Porcher Island, B.C.
1974	Asst. Geologist - Dempster project
1975	Supervising Geologist - Dempster Area, projects

REVIEW OF EXPENDITURES
OG CLAIMS - 1975

During the period August 13th to October 4, 1975, the program of 6,451 feet of diamond drilling on the Og claims was carried out at an average cost of $31.75 per foot. The following review of expenditures, with covering invoices, applies to the six drill holes which are being applied to assessment work and includes sufficient expenditures to support the years of assessment work applied to each of the claim groups.

GROUP	HOLES	DIRECT DRILLING	HELICOPTER	ASSAYING	TOTAL
1 (80 yrs.)	Og-1	$5,529.70	-	$1,025.50	$ 6,555.20
	Og-6	$6,371.40	$1,104.50	$1,270.00	$ 8,745.90
					$15,301.10
2 (40 yrs.)	Og-4	$4,680.95	-	$2,593.00	$ 7,273.95
3 (40 yrs.)	Og-8	$6,892.55	$1,081.00	$1,021.50	$ 8,995.05
4 (80 yrs.)	Og-10	$8,498.45	-	$2,403.00	$10,901.45
5 (80 yrs.)	Og-12	$6,028.65	$2,397.00	$1,107.00	$ 9,532.65

~~*Note: The Caron Diamond Drilling invoice for Og-12 covering drilling from 82 to 587 feet at a direct cost of $4,300.75 has been mislaid but is available if required.~~

ASSAYING - rates as per Whitehorse Assay Office

Og-1	8 Au	@ $4.00	$ 32.00	
	57 Ag	@ $4.00	$ 228.00	
	26 Cu	@ $3.50	$ 91.00	
	71 Pb-Zn	@ $9.50	$ 674.50	$1,025.50
Og-4	48 Au	@ $4.00	$ 192.00	
	97 Ag	@ $4.00	$ 388.00	
	54 Cu	@ $3.50	$ 189.00	
	192 Pb-Zn	@ $9.50	$1,824.00	$2,593.00

Og-6	42 Ag @ $4.00	$ 168.00	
	116 Pb-Zn @ $9.50	$1,102.00	$1,270.00
Og-8	63 Ag @ $4.00	$ 252.00	
	81 Pb-Zn @ $9.50	$ 769.50	$1,021.50
Og-10	178 Ag @ $4.00	$ 712.00	
	178 Pb-Zn @ $9.50	$1,691.00	$2,403.00
Og-12	82 Ag @ $4.00	$ 328.00	
	82 Pb-Zn @ $9.50	$ 779.00	$1,107.00

HELICOPTER OPERATION - Hughes-500

Og-6	4.7 hrs. @ $235.00	$1,104.50
Og-8	4.6 hrs @ $235.00	$1,081.00
Og-12	10.2 hrs. @ $235.00	$2,397.00

E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

August 15, 1975

Invoice #-58

IN ACCOUNT WITH:

Hudson Bay Exploration and Development Company Ltd.,
Box 4007,
1154 - 1st. Avenue,
Whitehorse, Y. T.

Drilling charges August 13 - 15, 1975 (Clinton Creek Project)

Mobilization Charge (Re: Article 10 of Contract)					$ 500.00
Moving In (From Clinton Creek)					
92 man hrs.	@ $9.80 per hr.	=			$ 901.60
Hole: 1 x [illegible]					
Casing					
0 - 39 39 ft.	@ $10.95 (BW) per ft.	$427.05			
Drilling					
0 - 41 41 ft.	@ $11.45 per ft.	$489.95	$917.00		$ 917.00
			Total Invoice		$2,318.60

Prices O.K. ....
Ext. O.K. ....
Quantity Checked ....
Charge % No. ....
Approved ....

E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A8
PHONE 687-4634

August 31, 1975,

Invoice #-72

IN ACCOUNT WITH:

Hudson Bay Exploration and Development Company Ltd.,
Box 4007,
1154 - 1st. Avenue,
Whitehorse, Y. T.

Drilling charges August 16 to 31, 1975 (Clinton Creek Project)

Hole: 1-75 x 45° x BQ				
Drilling				
41 - 427 = 386 ft.	@ $11.95 per ft.	=		$ 4,612.70
Hole: 2-75 x 50° x BQ				
Moving				
56 man hrs.	@ $9.80 per hr.	= $ 548.80		
13 machine hrs.	@ $8.50 per hr.	= $ 110.50	$ 659.30	
Testing				
8 man hrs.	@ $9.80 per hr.	= $ 78.40		
4 machine hrs.	@ $8.50 per hr.	= $ 34.00	$ 112.40	
Casing				
0 - 10 = 10 ft.	@ $10.95 (BW) per ft.	=	$ 109.50	
Drilling				
0 - 500 = 500 ft.	@ $10.95 per ft.	= $5,475.00		
500 - 501 = 1 ft.	@ $11.45 per ft.	= $ 11.45	$5,486.45	$ 6,367.65
Hole: 3-75 x 50° x BQ				
Moving				
72 man hrs.	@ $9.80 per hr.	= $ 705.60		
18 machine hrs.	@ $8.50 per hr.	= $ 153.00	$ 858.60	
Reaming Cave				
8 man hrs.	@ $9.80 per hr.	= $ 78.40		
4 machine hrs.	@ $8.50 per hr.	= $ 34.00	$ 112.40	
Testing				
4 man hrs.	@ $9.80 per hr.	= $ 39.20		
2 machine hrs.	@ $8.50 per hr.	= $ 17.00	$ 56.20	
Standby				
6 man hrs.	@ $9.80 per hr.	=	$ 58.80	
Casing				
0 - 72 = 72 ft.	@ $10.95 (BW) per ft.	=	$ 788.40	

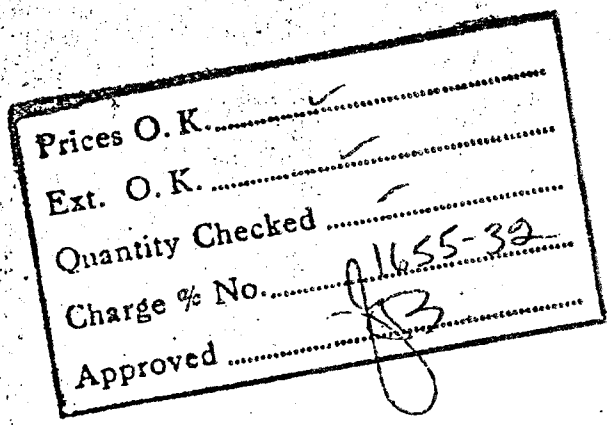
E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:
7 ROUNDEL ROAD
HITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

Drilling				
0 - 72 = 72 ft.	@ $10.95 per ft.	= $ 788.40		
72 - 382 = 310 ft.	@ $9.95 per ft.	= $3,084.50	$3,872.90	$ 5,747.30
Hole: 4-75 x 50° x BQ				
Moving				
40 man hrs.	@ $9.80 per hr.	= $ 392.00		
11 machine hrs.	@ $8.50 per hr.	= $ 93.50	$ 485.50	
Testing				
4 man hrs.	@ $9.80 per hr.	= $ 39.20		
2 machine hrs.	@ $8.50 per hr.	= $ 17.00	$ 56.20	
Casing				
0 - 10 = 10 ft.	@ $10.95 (BW) per ft.	=	$ 109.50	
Drilling				
0 - 405 = 405 ft.	@ $9.95 per ft.	=	$4,029.75	$ 4,680.95
Hole: 5-75 x 55° x BQ				
Moving				
54 man hrs.	@ $9.80 per hr.	= $ 529.20		
17 machine hrs.	@ $8.50 per hr.	= $ 144.50	$ 673.70	
Casing				
0 - 27 = 27 ft.	@ $10.95 (BW) per ft.	=	$ 295.65	
Drilling				
0 - 29 = 29 ft.	@ $9.95 per ft.	=	$ 288.55	$ 1,257.90
			Total Invoice	$22,666.50



E. Caron Diamond Drilling Limited

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

CONTRACT DIAMOND DRILLING

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

September 15, 1975

Invoice #-80

IN ACCOUNT WITH:

Hudson Bay Exploration and Development Company Ltd.,
Box 4007,
1154 - 1st. Avenue,
Whitehorse, Y. T.

Drilling charges September 1 to 15, 1975 (Clinton Creek Project)

Hole: 5-75 x 55° x BQ				
Reaming Cave				
6 man hrs.	@ $9.80 per hr.	= $ 58.80		
3 machine hrs.	@ $8.50 per hr.	= $ 25.50	$ 84.30	
Testing				
3 man hrs.	@ $9.80 per hr.	= $ 29.40		
1.5 machine hrs.	@ $8.50 per hr.	= $ 12.75	$ 42.15	
Casing				
27 - 47 = 20 ft.	@ $10.95 (BW) per ft.	=	$ 219.00	
Drilling				
29 - 500 = 471 ft.	@ $9.95 per ft.	= $4,686.45		
500 - 637 = 137 ft.	@ $10.45 per ft.	= $1,431.65	$6,118.10	$ 6,463.55
Hole: 6-75 x 50° x BQ				
Moving				
44 man hrs.	@ $9.80 per hr.	= $ 431.20		
12 machine hrs.	@ $8.50 per hr.	= $ 102.00	$ 533.20	
Testing				
2 man hrs.	@ $9.80 per hr.	= $ 19.60		
1 machine hr.	@ $8.50 per hr.	= $ 8.50	$ 28.10	
Casing				
0 - 40 = 40 ft.	@ $10.95 (BW) per ft.	=	$ 438.00	
Drilling				
0 - 500 = 500 ft.	@ $9.95 per ft.	= $4,975.00		
500 - 538 = 38 ft.	@ $10.45 per ft.	= $ 397.10	$5,372.10	$ 6,371.40
Hole: 7-75 x 50° x BQ				
Moving				
38 man hrs.	@ $9.80 per hr.	= $ 372.40		
11 machine hrs.	@ $8.50 per hr.	= $ 93.50	$ 465.90	

E. Caron Diamond Drilling Limited

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

CONTRACT DIAMOND DRILLING

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

Testing				
2 man hrs.	@ $9.80 per hr.	= $ 19.60		
1 machine hr.	@ $8.50 per hr.	= $ 8.50	$ 28.10	
Casing				
0 - 20 = 20 ft.	@ $10.95 (BW) per ft.	=	$ 219.00	
Drilling				
0 - 500 = 500 ft.	@ $9.95 per ft.	= $4,975.00		
500 - 563 = 63 ft.	@ $10.45 per ft.	= $ 658.35	$5,633.35	$ 6,346.35
Hole: 8 - 75 x 50° x BQ				
Moving				
36 man hrs.	@ $9.80 per hr.	= $ 352.80		
10 machine hrs.	@ $8.50 per hr.	= $ 85.00	$ 437.80	
Casing				
0 - 40 = 40 ft.	@ $10.95 (BW) per ft.	=	$ 438.00	
Drilling				
0 - 500 = 500 ft.	@ $9.95 per ft.	=	$4,975.00	$ 5,850.80
			Total Invoice	$25,032.10

Prices O. K. .....

Ext. O. K. .....

Quantity Checked .....

Charge % No. 1055-32

Approved .....

E. Caron Diamond Drilling Limited

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 - 668-2425
TELEX 036-8-337

CONTRACT DIAMOND DRILLING

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

September 30, 1975

Invoice #-87

IN ACCOUNT WITH:

Hudson Bay Exploration and Development Company Ltd.,
Box 4007,
1154 - 1st. Avenue,
Whitehorse, Y. T.

Drilling charges September 16 to 30, 1975 (Clinton Creek)

Hole: 8-75 x 50° x BQ				
Testing				
2 man hrs.	@ $9.80 per hr.	= $ 19.60		
1 machine hr.	@ $8.50 per hr.	= $ 8.50	$ 28.10	
Drilling				
500 - 597 = 97 ft.	@ $10.45 per ft.	=	$1,013.65	$ 1,041.75
Hole: 9-75 x 50° x BQ				
Moving				
38 man hrs.	@ $9.80 per hr.	= $ 372.40		
11 machine hrs.	@ $8.50 per hr.	= $ 93.50	$ 465.90	
Testing				
2 man hrs.	@ $9.80 per hr.	= $ 19.60		
1 machine hr.	@ $8.50 per hr.	= $ 8.50	$ 28.10	
Casing				
0 - 20 = 20 ft.	@ $10.95 (BW) per ft.	=	$ 219.00	
Drilling				
0 - 500 = 500 ft.	@ $9.95 per ft.	= $4,975.00		
500 - 613 = 113 ft.	@ $10.45 per ft.	= $1,180.85	$6,155.85	$ 6,868.85
Hole: 10-75 x 50° x BQ				
Moving				
44 man hrs.	@ $9.80 per hr.	= $ 431.20		
14 machine hrs.	@ $8.50 per hr.	= $ 119.00	$ 550.20	
Reaming Cave				
8 man hrs.	@ $9.80 per hr.	= $ 78.40		
4 machine hrs.	@ $8.50 per hr.	= $ 34.00	$ 112.40	
Testing				
3 man hrs.	@ $9.80 per hr.	= $ 29.40		
1.5 machine hrs.	@ $8.50 per hr.	= $ 12.75	$ 42.15	

E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

Casing				
0 - 78 = 78 ft.	@ $10.95 (BW) per ft.	=	$ 854.10	
Drilling				
0 - 500 = 500 ft.	@ $9.95 per ft.	= $4,975.00		
500 - 688 = 188 ft.	@ $10.45 per ft.	= $1,964.60	$6,939.60	$ 8,498.45
Hole: 11-75 x 50° x BQ				
Moving				
39 man hrs.	@ $9.80 per hr.	= $ 382.20		
12 machine hrs.	@ $8.50 per hr.	= $ 102.00	$ 484.20	
Casing				
0 - 82 = 82 ft.	@ $10.95 (BW) per ft.	=	$ 897.90	
Drilling				
0 - 500 = 500 ft.	@ $9.95 per ft.	= $4,975.00		
500 - 513 = 13 ft.	@ $10.45 per ft.	= $ 135.85	$5,110.85	$ 6,492.95
Hole: 12-75 x 50° x BQ				
Moving				
50 man hrs.	@ $9.80 per hr.	= $ 490.00		
15 machine hrs.	@ $8.50 per hr.	= $ 127.50	$ 617.50	
Travelling Time				
1 man hrs.	@ $9.80 per hr.	=	$ 9.80	
Casing				
0 - 26 = 26 ft.	@ $10.95 (BW) per ft.	=	$ 284.70	
Drilling				
0 - 82 = 82 ft.	@ $9.95 per ft.	=	$ 815.90	$ 1,727.90
		Total Invoice		$24,629.90

Prices O. K. .....
Dist. O. K. .....
Quantity Checked .....
Charge to No. 1055-32
Approved .....

E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

VANCOUVER OFFICE:
3-425 HOWE STREET
VANCOUVER, B.C. V6C-2A9
PHONE 687-4634

October 15, 1975

Invoice #-91

IN ACCOUNT WITH:

Hudson Bay Exploration and Development Company Ltd.,
Box 4007,
1154 - 1st. Avenue,
Whitehorse, Y. T.

Drilling charges October 1 to 4, 1975 (Clinton Creek Project)

Hole: 12 - 75 x 50° x BQ				
Reaming Cave				
10 man hrs.	@ $9.80 per hr.	= $ 98.00		
5 machine hrs.	@ $8.50 per hr.	= $ 42.50	$ 140.50	
Travelling Time				
2 man hrs.	@ $9.80 per hr.	=	$ 19.60	
Drilling				
82 - 500 = 418 ft.	@ $9.95 per ft.	= $4,159.10		
500 - 587 = 87 ft.	@ $10.45 per ft.	= $ 909.15	$5,068.25	$5,228.35
Moving Out (To Clinton Creek)				
26 man hrs.	@ $9.80 per hr.	=		$ 254.80
Demobilization Charge				
(Re: Article 10 of Contract) only applies when crew, drill and equipment are demobilized.		=		$ Nil
Third Party Charges - at Cost				
Oct 5/75	Globe Air #4901 (Transport crew to Whitehorse)	= $ 396.00		
Oct 7/75	Northward #F30709 (Baggage of crew to Whitehorse)	= $ 149.50		$ 545.50
		Total Invoice		$6,028.65

(Total Footage = 6,451 ft.)

Prices O. K. ....
Ext. O. K. ....
Quantity Checked ....
Charge to No. 1655-32
Approved [signature]

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVENUE, NORTH BURNABY, B.C. V5B 3A6 CANADA PHONE: AREA (604) 291-7578

Hudson Bay Mining Company
#1695 - 555 Burrard Street,
Vancouver, B.C.

DATE: October 15th, 1975

INVOICE NO.: 395

Re: Helicopter charter: CLINTON CREEK YUKON OPERATION
Helicopter Hughes 500 :C:
CF-GHQP - M Hofius, Pilot

Total Flying hours as per attached flight tickets:

~~154.0~~ 151.0 hrs @ $235.00.....$ ~~36,190.00~~ 35,485.00

Prices O. K. .....
Ext. O. K. .....
Quantity Checked .....
Charge % No. .....
Approved .....

1655-31	139.1 hrs	$ 32,688.50
1655-28	3.9 "	916.50
1655-58	3.1 "	728.50
1655-70	4.9 "	1151.50
	151.0	$ 35,485.00

With thanks
Area 9.0

FLIGHT REPORT

04124

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVE., BURNABY, B.C. V5B 3A6

CHARTERER Hudson Bay Mining DATE 9/6/75

ADDRESS Box 4007 White Horse A/C C6 HQP

PILOT SIGNATURE Michael Kelly BASE FUEL CUST ☑ TW ☐

OPERATION REMARKS		PASS	TAKE OFF	LAND	WT OF CARGO	HOURS	MIN.
Sling core, Position IP crew			0739	0815		0	6
Move IP crew			0849	0859	0.3 to drill	0	2
Move IP crew			1158	1202		0	1
Move Drill - to og-6	Drilling 4.7 hrs		1248	1442		1	9
Move Drill - to og-6			1547	1828		2	6
Move Drill - to og-6			1946	1957		0	2

TYPE OF CONTRACT 1 ☐ 2A ☐ 2B ☐

OTHER

AUTHORIZED BY CHARTERER REP. Ed

HOURS FOR DAY 5.6

" MONTH 42.4

" CONTRACT 42.4

04680

FLIGHT REPORT

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVE., BURNABY, B.C. V5B 3A6

CHARTERER: Hudson Bay Mining — DATE: 9/12/75

ADDRESS: Box 4007 Whitehorse — A/C: CF-HQP

PILOT SIGNATURE: Michael [signature] — BASE: — FUEL: CUST ☑ TW ☐

OPERATION REMARKS	PASS	TAKE OFF	LAND	WT OF CARGO	HOURS	MIN.
IP crew to Clinton Ck, move drill lumber		0732	0957		2	4
Staking, recon.						
Sling fuel		1345	1425		0	7 ⊗
Sling empty drums Clinton Ck		1450	1531		0	7
Supplies to base — Drilling 3.4 hrs 09-8		1628	1700		0	5
Drill move - to 09-8		1700	1824		1	4 ⊗
Sling core boxes from Clinton Ck		1917	2032		1	3 ⊗

TYPE OF CONTRACT 1 ☐ 2A ☐ 2B ☐

OTHER

AUTHORIZED BY CHARTERER REP. [signature]

HOURS FOR DAY 7.0 ✓

" MONTH 63.3

" CONTRACT 63.3

04681

FLIGHT REPORT

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVE., BURNABY, B.C. V5B 3A6

CHARTERER: Hudson Bay Mining — DATE: 9/13/75

ADDRESS: Box 4007 Whitehorse — A/C: CF-HQP

PILOT SIGNATURE: Michael [signature] — BASE: — FUEL: CUST ☑ TW ☐

OPERATION REMARKS	PASS	TAKE OFF	LAND	WT OF CARGO	HOURS	MIN.
Sling fuel to drill, core boxes		0722	0744		0	3
Clinton Ck, sling fuel and lumber		0828	0952		1	4
Recon		1218	1403		1	7
Recon — Drilling 0.6 hrs (09-8)		1506	1540		0	6
Recon		1632	1641		0	2
Move core		1930	1948		0	3

TYPE OF CONTRACT 1 ☐ 2A ☐ 2B ☐

OTHER

AUTHORIZED BY CHARTERER REP. [signature]

HOURS FOR DAY 4.5 ✓

" MONTH 67.8

" CONTRACT 67.8

FLIGHT REPORT

04698

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVE., BURNABY, B.C. V5B 3A6

CHARTERER Hudson Bay Mining DATE 9/30/75

DRESS Box 4007 Whitehorse A/C CQ HQP

PILOT SIGNATURE Michael Klein BASE Coal Creek FUEL CUST ☑ TW ☐

OPERATION REMARKS	PASS	TAKE OFF	LAND	WT OF CARGO	HOURS	MIN.
09-12 Crew to Drill, sling propane		0746	0808		0	3
09-12 Sling skids, sling empty propane Clinton		0902	1112		2	2
Move Drill — to 09-12		1112	1325		2	2
Sling Tool to Drill 09-12		1848	1855		0	1
Drilling 4.8 hrs						

TYPE OF CONTRACT 1 ☐ 2A ☐ 2B ☐

OTHER

AUTHORIZED BY CHARTERER REP. [signature]

HOURS FOR DAY 4.8

" MONTH ~~4.8~~

" CONTRACT ~~126.0~~

FLIGHT REPORT

04699

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVE., BURNABY, B.C. V5B 3A6

CHARTERER Hudson Bay Mining DATE 10/1/75

ADDRESS Box 4007 Whitehorse A/C CQ HQP

PILOT SIGNATURE Michael Klein BASE Cox Creek FUEL CUST ☑ TW ☐

OPERATION REMARKS	PASS	TAKE OFF	LAND	WT OF CARGO	HOURS	MIN.
09-12 Crew To Drill, Clinton, sling Propane, Lumber		0804	1126		3	4
Clinton Creek		1259	1344		0	7
Base		1419	1449		0	5
09-12 Crew To Drill Drilling 3.7 hrs 09-12		1847	1903		0	2
09-12 Drill To Base		1925	1930		0	1

TYPE OF CONTRACT 1 ☐ 2A ☐ 2B ☐

OTHER

AUTHORIZED BY CHARTERER REP. [signature]

HOURS FOR DAY 4 9

" MONTH ~~9.7~~

FLIGHT REPORT

04700

TRANSWEST HELICOPTERS (1965) LTD.

2792 NORLAND AVE., BURNABY, B.C. V5B 3A6

CHARTERER HUDSON BAY MINING

DATE 10/2/75

ADDRESS BOX 4007 WHITEHORSE

A/C CQP HQP

PILOT SIGNATURE Michael J Ryan

BASE COAL CREEK

FUEL CUST ☑ TW ☐

OPERATION REMARKS	PASS	TAKE OFF	LAND	WT OF CARGO	HOURS	MIN.
09-12 CREW TO DIXIE, SLING COKE		0826	0853		0	8
CLINTON CK		1004	1039		0	6
09-12 SLING FUEL		1117	1209		0	9
STAKING		1304	1337		0	6
CREW TO DRILL, STAKING		1826	1913		0	8
Drilling 09-12 1.7 hrs						

TYPE OF CONTRACT 1 ☐ 2A ☐ 2B ☐

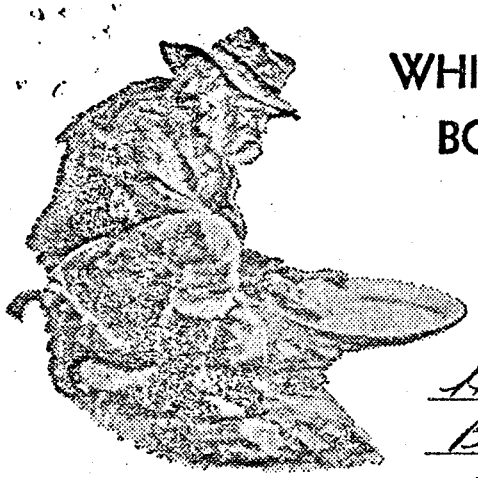
OTHER

AUTHORIZED BY CHARTERER REP.

HOURS FOR DAY 3.7 ✓

" MONTH ~~13.4~~

" CONTRACT 141.4



WHITEHORSE ASSAY OFFICE LTD.

BOX 4518 WHITEHORSE Y. T.

Y1A 2R8

PHONE 667-2694

Oct. 8/75.

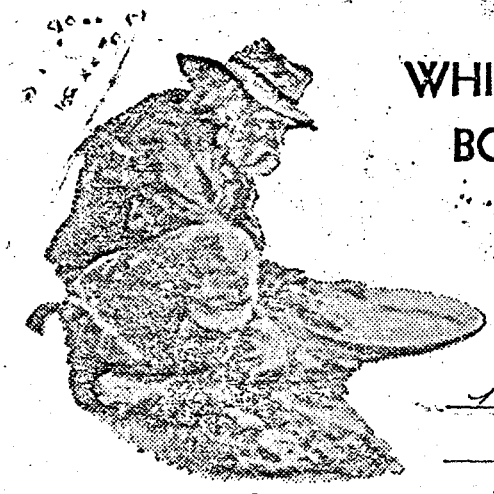
Hudson Bay Explorations,
Box 4007,
Whitehorse, Y.T.

INVOICE Nº 0292

(1)

DATE	DESCRIPTION	DEBIT	CREDIT	BALANCE
		$	$	$
Aug 25	Statement - Invoice	4894.75		
Oct 6	cheque # 22563		4894.75	
Sept 10	9230-20 1 Pb Zn	9.50		
	20 CaF_2 @ 9.00	180.00		
10	9231-32 32 Pb Zn @ 9.50	304.00		
10	9236-150 3 Au @ 4.00 *	12.00		
	48 Au Ag @ 7.00	336.00		
	23 Ag @ 4.00	92.00		
	150 Pb Zn @ 9.50 *	1425.00		
	93 Cu @ 3.50 *	325.50		
10	9237-3 3 Cu @ 3.50	10.50		
	Pb (4.50) 2 Zn (10.00) 2 WO_3 (15.00)	29.50		
10	9261-166 7 Au @ 4.00	28.00		
	30 Au Ag @ 7.00	210.00		
	4 Ag @ 4.00 *	16.00		
	166 Pb Zn @ 9.50	1577.00		
	56 Cu @ 3.50	196.00		
14	9285-228 1 Au	4.00		
	58 Au Ag @ 7.00	406.00		
	17 Ag @ 4.00	68.00		
	228 Pb Zn @ 9.50	2166.00		
	117 Cu @ 3.50	409.50		
17	9297-59 33 Ag @ 4.00	132.00		
	59 Pb Zn @ 9.50	560.50		
17	9304-10 9 Ag Pb Zn @ 13.50	121.50		
	1 Au Ag	7.00		
Aug 28	A-848-124 124 Cu Pb Zn @ 2.00	248.00		
30	A-849-122 122 Cu Pb Zn @ 2.00	244.00		
Sept 3	A-851-1 Cu Pb Zn	2.00		
14	A-856-195 195 Cu Pb Zn @ 2.00	390.00		

DUE ON RECEIPT. 1 PER CENT PER MONTH ON OVERDUE ACCOUNTS.



WHITEHORSE ASSAY OFFICE LTD.

BOX 4518 WHITEHORSE Y. T.

Y1A 2R8

PHONE 667-2694

Oct 8/75

Hudson Bay Explorations

Ltd.

INVOICE Nº 0293

(2)

DATE	DESCRIPTION		DEBIT	CREDIT	BALANCE
			$	$	$
Sept 15	A860-86	86 Cu Pb Zn @ 2.00	172.00		
15	A-861-20	20 Cu Pb Zn @ 2.00	40.00		
19	A-862-9	9 Pb Zn @ 1.50	13.50		
19	9311-66	21 Ag @ 3.50	73.50		
		66 Pb Zn @ 9.50	627.00		
30	9330-115	37 Ag @ 3.50	129.50		
		6 Cd @ 7.00	42.00		
		115 Pb Zn @ 9.50	1092.50		
Oct 7	9340-170	175 Ag @ 3.50	612.50		
		190 Pb Zn @ 9.50	1805.00		
7	9346-24	24 Ag Pb Zn @ 13.50	324.00		
8	9345-8	8 Ag Pb Zn @ 13.50	108.00		
	total current assays (14549.00)				
	less 10%			1454.90	
	Freight charge on 9186-13				
	WP YR # 192780		5.60		
	total both columns		19449.35	6349.65	13099.70
	Total Due				$ 13099.70

DUE ON RECEIPT. 1 PER CENT PER MONTH ON OVERDUE ACCOUNTS.

DIAMOND DRILL RECORD

Date Began Aug 15/75 Date Completed Aug 18/75

Property OG CLAIMS Project No. Depth 427.0'

Hole No. OG - 1 Co-ord 48+748E Horizontal Length 295'

Sheet No. 1 50+186N Direction 152°

Claim No. OG - 4 Elevation 4257' Angle -45°

100' - 45°
300' - 47°

E.W. Yarrow
Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
0 - 25.0	O. B.														
25 - 28.0	27423	3.0	-	0.15	-	2.64	0.09								
28.0-28.8	4	0.8	-	0.97	0.02	0.52	0.34								
28.8-37.0	5	8.2	-	-	0.01	0.12	0.01								
37.0-38.8	6	1.8	-	1.27	0.07	1.70	0.62								
38.8-44.3	7	5.5	-	-	0.01	0.62	0.09								
44.3-47.8	8	3.5	-	0.68	0.02	0.92	0.43			22.8'	-	0.26	0.01	0.83	0.16
47.8-48.2	27438	0.4	-	1.53	-	9.74	3.75								
48.2-50.7	27429	2.5	-	-	-	0.34	0.09								
50.7-52.1	30	1.4	-	4.77	0.03	19.60	5.25								
52.1-53.2	1	1.1	-	-	-	0.14	0.03								
53.2-53.6	2	0.4	-	2.27	-	13.22	1.45			5.8'	-	1.41	-	6.49	1.67
53.6-55.0	3	1.4	-	0.62	-	3.78	0.75		25.0 - 55.0	30.0'	-	0.50	-	2.06	0.36
55.0-78.0	WST	23.0	-												
78.0-80.3	27434	2.3	-	-	-	0.14	0.04			25.3'	Waste				
80.3-80.8	5	0.5	-	0.91	0.07	35.46	0.58								
80.8-82.0	6	1.2	-	-	0.01	0.34	-								
82.0-84.8	7	2.8	-	-	0.01	0.74	0.01								
84.8-85.1	9	0.3	-	1.00	0.01	28.90	15.07			4.8'	-	.02	TR	6.02	1.00
85.1-85.9	40	0.8	-	-	-	0.08	-								
85.9-93.0	WST	7.1													
93.0-93.8	27441	0.8	-	-	-	0.06	-								
93.8-94.3	2	0.5	-	-	-	16.50	0.17			0.05	-	-	-	16.50	0.17
94.3-95.3	3	1.0	-	-	-	0.18	0.02								
95.3-97.0	WST	1.7													
97.0-98.0	27444	1.0	-	-	-	0.02	0.01			12.9'	-	-	-	0.66	-
98.0-99.5	5	1.5	-	0.32	-	9.58	0.04								
99.5-101.5	6	2.0	-	0.03	-	0.16	0.01								
101.5-102.3	7	0.8	-	0.32	0.02	10.04	0.05			4.3'	-	1.85	TR	5.28	0.03
102.3-103.3	8	1.0	-	0.03	0.01	0.04	0.01								
103.3-105.0	WST	1.7													
105.0-106.5	9	1.5	-	0.06	0.01	1.02	0.02			4.2'		0.03	-	0.37	.01
106.5-107.6	450	1.1	-	0.41	0.02	12.58	0.07								

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... Project No. ..... Depth .....

Hole No. OG - 1 Co-ord ..... Horizontal Length .....

Sheet No. 2 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
107.6 - 108.2	27451	.6	-	TR	-	0.06	0.01								
108.2 - 109.0	52	.8	-	0.32	-	5.76	0.07								
109.0 - 110.5	3	1.5	-	0.59	-	2.16	0.28								
110.5 - 111.5	4	1.0	-	1.24	-	8.97	0.62								
111.5 - 112.7	5	1.2	-	0.03	-	0.20	0.02								
112.7 - 113.7	6	1.0	-	0.38	0.02	8.81	0.33								
113.7 - 114.5	7	.8	-	0.03	-	1.42	0.03								
114.5 - 117.0	8	2.5	-	0.50	0.02	2.28	0.15								
117.0 - 117.8	9	.8	-	0.68	0.03	15.91	0.18			11.3'	-	0.45	TR	5.25	0.18
117.8 - 118.8	460	1.0	-	-	-	0.14	TR.								
118.8 - 132.0	WST	13.2	-	-						14.2' Waste					
132.0 - 133.0	61	1.0	-	0.06	-	0.02	0.02								
133.0 - 135.3	2	2.3	-	0.03	0.01	0.50	0.03								
135.3 - 137.0	3	1.7	-	TR	-	0.02	TR								
137.0 - 140.2	WST	3.2													
140.2 - 142.2	4	2.0	-	0.44	0.02	1.42	0.13			10.2'	-	0.10	-	0.40	0.03
142.2 - 144.5	5	2.3	-	3.24	0.05	18.36	27.17								
144.5 - 146.1	66	1.6	-	1.44	0.07	35.05	2.20								
146.1 - 146.4	7	.3	-	0.94	-	17.43	17.32								
146.4 - 146.8	8	.4	-	1.32	0.05	21.45	16.59								
146.8 - 147.1	9	.3	-	0.02	-	0.12	0.04								
147.1 - 149.5	70	2.4	-	1.18	0.06	19.80	3.19			7.3'	-	1.84	0.05	21.87	11.71
149.5 - 153.0	71	3.5	-	0.03	-	0.04	0.02								
153.0 - 168.0	WST	15.0								18.5' Waste					
168.0 - 169.5	27472	1.5	-	0.09	-	1.78	0.04								
169.5 - 170.7	3	1.2	-	0.09	-	0.08	0.02								
170.7 - 173.6	4	2.9	-	0.18	-	1.06	0.05			5.6'		0.14	-	1.04	0.04
173.6 - 179.5	WST	5.9								5.9' Waste					
179.5 - 180.1	5	0.6	-	0.21	-	0.64	0.30								
180.1 - 182.6	6	2.5	-	0.29	-	9.12	0.14			3.1	-		-	8.36	0.17
182.6 - 186.7	WST	4.1													
186.7 - 187.6	27477	0.7	-	0.15	-	3.06	1.08			0.7'		0.15		3.06	1.08
187.6 - 191.9	WST	4.3													
191.9 - 192.3	27478	0.4	-	0.18	-	16.50	1.28			0.4'	-	0.18	-	16.50	1.28

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... Project No. ..... Depth .....

Hole No. OG - 1 Co-ord ..... Horizontal Length .....

Sheet No. 3 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY						AVERAGES WIDTH	AU	AG	CU	ZN	PB
192.3 - 210.2	WST	17.9																		
210.2 - 211.0	27479	0.8	TR	0.56	-	2.04	0.74													
211.0 - 230.4	WST	19.4																		
230.4 - 230.8	27480	0.4	TR	0.35	-	0.32	0.20													
230.8 - 246.0	WST	15.2																		
246.0 - 248.7	27481	2.7	TR	0.47	-	1.66	1.15													
248.7 - 249.7	2	1.0	.005	7.65	-	1.26	35.47								3.7'		2.41	-	1.55	10.42
249.7 - 257.0	WST	7.3																		
257.0 - 258.9	27483	1.9	-	0.29	-	0.42	2.43													
258.9 - 263.1	WST	4.2																		
263.1 - 263.5	27484	0.4	-	0.47	-	0.68	4.58													
263.5 - 271.8	WST	8.3																		
271.8 - 275.2	27485	3.4	-	0.06	-	0.08	0.63													
275.2 - 296.3	WST	21.1																		
296.3 - 297.0	27486	0.7	-	0.03	-	0.18	0.03													
297.0 - 308.1	WST	11.1																		
308.1 - 309.3	27487	1.2	-	0.44	-	5.64	0.14								1.2'	-	0.44	-	5.64	0.14
309.3 - 346.1	WST	36.8																		
346.1 - 347.3	27490	1.2	TR	-	-	0.15	3.00													
347.3 - 353.5	WST	6.2																		
353.5 - 353.9	27488	0.4	-	0.59	-	12.43	3.45								0.4'	-	0.59	-	12.43	3.45
353.9 - 362.0	WST	8.1																		
362.0 - 364.0	27489	2.0	-	0.12	-	0.91	0.22													
364.0 - 393.0	WST	29.0																		
393.0 - 394.2	27491	1.2	TR	0.03	0.01	0.46	0.03													
394.2 - 395.7	27492	1.5	TR	0.44	0.04	11.11	0.19													
395.7 - 397.0	27493	1.3	TR	0.09	0.02	1.54	0.13								4.0'		0.20	0.02	4.80	0.11
397.0 - 427.0	WST	30.0																		
	END	OF	HOLE	427.0																

DIAMOND DRILL RECORD

Date Began Aug 28/75 Date Completed Aug 30/75

Property OG CLAIMS Project No. Depth 405'

Hole No. OG - 4 Co-ord 49+597E Horizontal Length 260'

Sheet No. 1 49+910N Direction 332°

Claim No. 6 Elevation 4161' Angle -50°

100' - 50°
300' - 53°

E. W. Yarrow Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
0 - 21.0'	WSTE	21.0														
21.0 - 22.0'	77669	1.0	-	-	-	0.12	0.17									
22.0 - 34.0'	WSTE	12.0														
34.0 - 34.4'	77670	0.4	-	-	-	0.03	0.07									
34.4 - 68.0'	WSTE	33.6														
68.0 - 73.0'	77671	5.0	-	-	-	0.23	0.19									
73.0 - 75.0'	77672	2.0	-	-	-	0.14	0.22									
75.0 - 80.0'	77673	5.0	-	-	-	0.09	0.08									
80.0 - 85.0'	77674	5.0	-	-	-	0.18	0.14									
85.0 - 91.0'	77675	6.0	-	-	-	0.09	0.03			23.0'	-	-	-	0.14	0.12	
91.0 - 91.3'	77676	0.3	TR	0.77	0.05	13.26	0.80									
91.3 - 93.0'	77677	1.7	TR	-	-	1.70	0.49									
93.0 - 94.0'	77678	1.0	TR	0.47	0.04	6.00	0.30									
94.0 - 95.0'	77679	1.0	TR	2.00	0.13	1.74	1.54									
95.0 - 95.6'	77680	0.6	TR	0.88	-	9.29	0.38									
95.6 - 97.3'	77681	1.7	TR	1.68	0.08	40.74	0.42									
97.3 - 98.6'	77682	1.3	-	0.15	-	3.06	0.07									
98.6 - 99.4'	77683	0.8	-	0.77	0.04	17.12	0.49									
99.4 - 102.1'	77684	2.7	-	0.21	-	5.04	0.09									
102.1 - 102.4	77685	0.3	TR	-	-	22.07	0.15									
102.4 - 103.6	77686	1.2	-	0.41	-	7.20	0.19			12.6'	Tr.	0.63	Tr.	10.79	0.38	
103.6 - 107.0	77687	3.4	-	-	-	0.85	0.03									
107.0 - 107.2	77688	0.2	-	0.29	-	2.40	0.29									
107.2 - 107.5	77689	0.3	-	0.12	-	1.89	0.15									
107.5 - 110.7	77690	3.2	-	-	0.03	3.18	0.58									
110.7 - 112.0	77691	1.3	-	-	-	0.37	0.04									
112.0 - 112.2	77692	0.2	-	0.29	-	2.00	0.15									
112.2 - 114.7	77693	2.5	-	-	-	0.15	0.04									
114.7 - 115.6	77694	0.9	TR	0.21	-	0.96	0.28									
115.6 - 116.0	77695	0.4	-	-	-	0.19	0.04									
116.0 - 118.2	77696	2.2	TR	0.29	0.04	2.70	0.32									
118.2 - 118.8	77697	0.6	-	0.18	-	1.62	0.20									
118.8 - 120.9'	77698	2.1	TR	0.53	0.03	3.90	1.10									

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property OG CLAIMS Project No. ..... Depth .....

Hole No. OG - 4 Co-ord ..... Horizontal Length .....

Sheet No. 2 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist .....

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY Width	Ag	Cu	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB
														18.5'	-	0.13	-	1.81	0.32
120.9 - 122.1'	77699	1.2	-	0.15	-	1.74	0.17												
122.1 - 122.3'	77700	0.2	-	-	0.08	18.62	0.37												
122.3 - 123.7'	77701	1.4	-	-	-	0.50	0.04												
123.7 - 123.9'	77702	0.2	TR	-	0.08	15.38	0.95												
123.9 - 125.3'	77703	1.4	-	-	-	0.80	0.12												
														5.0'	-	0.17	0.03	3.67	0.21
125.3 - 127.1'	77704	1.8	TR	0.47	0.06	5.40	0.32												
127.1 - 132.0'	77705	4.9	-	-	-	0.37	0.09												
132.0 - 137.0'	77706	5.0	-	-	-	0.35	0.04												
137.0 - 142.0	77707	5.0	-	0.12	-	1.02	0.12												
142.0 - 145.0'	77708	3.0	-	-	-	0.20	0.24		103.6' - 147.0'										
145.0 - 147.0'	77709	2.0	-	-	-	0.19	0.32		43.4'	0.09	-	1.42	0.22	19.9'	-	0.03	-	0.48	0.13
147.0 - 158.0'	WSTE	11.0												11.0'	Waste				
158.0 - 158.3'	77710	0.3	-	-	-	0.32	0.30												
158.3 - 162.0'	77711	3.7	-	-	-	0.32	0.30												
162.0 - 165.0'	77712	3.0	-	-	-	0.05	0.03												
165.0 - 168.0'	77713	3.0	-	-	0.05	0.60	0.47												
168.0 - 168.6'	77714	0.6	TR	0.35	0.04	2.52	0.73												
168.6 - 169.1'	77715	0.5	-	-	-	0.57	3.15												
169.1 - 171.7'	77716	2.6	-	-	0.02	3.30	0.58												
														15.0'	-	0.02	.01	1.07	0.42
171.7 - 173.0'	77717	1.3	-	0.09	-	1.84	0.07												
173.0 - 174.8'	77718	1.8	-	-	0.04	7.53	0.73												
174.8 - 178.0	77719	3.2	-	0.15	-	3.54	0.03												
178.0 - 178.9'	77720	0.9	-	0.29	-	12.66	0.12												
178.9 - 179.3'	77721	0.4	-	0.74	-	24.96	0.65												
179.3 - 180.5'	77722	1.2	TR	1.68	0.05	9.65	51.10												
180.5 - 180.8'	77723	0.3	TR	0.59	-	8.43	0.47												
180.8 - 181.2'	77724	0.4	-	-	-	0.09	0.07												
181.2 - 181.7'	77725	0.5	TR	0.35	-	0.67	0.32												
181.7 - 182.8'	77726	1.1	TR	0.44	0.03	8.07	3.00												
182.8 - 183.1'	77727	0.3	TR	0.41	0.03	12.55	0.23												
181.1' - 183.6'	77728	0.5	-	0.29	-	7.14	0.19												
183.6 - 184.6'	77729	1.0	TR	0.29	-	2.16	0.38												
184.6 - 185.6	77730	1.0	-	0.21	-	8.42	0.20												
185.6 - 188.0'	77731	2.4	TR	.12	0.02	2.82	0.32												

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 4 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 3 .... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist .....

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI
188.0 - 191.6'	77732	3.6	TR	.74	0.04	8.68	0.57	
191.6 - 193.0'	77733	1.4	TR	1.72	0.06	14.36	1.77	
193.0 - 194.6'	77734	1.6	-	0.24	-	1.28	1.39	
194.6 - 199.0'	77735	4.4	-	-	-	.27	.15	
199.0 - 204.3'	77736	5.3	-	-	-	.13	1.48	
204.3 - 204.6'	77737	0.3	-	-	-	.46	.34	
204.6 - 205.6'	77738	1.0	TR	1.24	.11	21.01	5.13	
205.6 - 206.1'	77739	0.5	-	-	.02	1.22	.12	
206.1 - 206.5'	77740	0.4	-	-	.02	1.22	.12	
206.5 - 209.0'	77741	2.5	TR	1.16	0.11	11.79	1.35	
209.0 - 211.0'	77742	2.0	TR	1.28	0.16	8.25	1.84	
211.0 - 211.7'	77743	0.7	TR	1.08	0.12	15.76	0.98	
211.7 - 213.9'	77744	2.2	TR	0.59	0.06	5.57	1.38	
213.9 - 214.8'	77745	0.9	TR	0.88	0.07	22.51	0.97	
214.8 - 215.7'	77746	0.9	-	0.29	-	9.05	0.09	
215.7 - 216.2'	77747	0.5	-	1.27	-	28.51	0.97	
216.2 - 216.6'	77748	0.4	-	0.12	-	2.58	0.09	
216.6 - 218.6'	77749	2.0	-	1.21	-	21.33	1.14	
218.6 - 219.0'	77750	0.4	-	0.29	-	4.14	0.69	
219.0 - 219.8'	77751	0.8	-	1.03	0.09	29.58	2.85	
219.8 - 221.0'	77752	1.2	-	0.21	-	3.06	0.34	
221.0 - 222.0'	77753	1.0	-	0.65	0.05	20.90	0.70	
222.0 - 223.0'	77754	1.0	-	-	-	1.24	0.13	
223.0 - 223.4'	77755	0.4	TR	2.44	-	11.58	2.50	
223.4 - 224.0'	77756	0.6	-	-	-	0.18	0.22	
224.0 - 224.5'	77757	0.5	-	-	-	1.18	0.33	
224.5 - 225.8'	77758	1.3	-	0.74	-	9.86	0.93	
225.8 - 226.6'	77759	0.8	-	0.88	-	13.72	0.68	
226.6 - 227.2'	77760	0.6	-	0.15	-	1.42	0.34	
227.2 - 228.2'	77761	1.0	-	0.24	-	0.74	0.44	
228.2 - 229.3'	77762	1.1	-	-	-	0.15	0.24	
229.3 - 231.3'	77763	2.0	-	-	0.03	2.34	1.75	
231.3 - 232.8'	77764	1.5	-	-	-	0.41	0.45	
232.8 - 234.0'	77765	1.2	-	0.15	-	0.22	0.63	

WIDTH X ASSAY	Width	Ag	Cu	Zn	Pb
173.0' - 226.6'	53.6'	0.52	0.03	7.61	2.06

AVERAGES	WIDTH	AU	AG	CU	ZN	PB	NI
188.0 - 193.0'	20.0'	-	0.50	0.02	7.28	3.64	
193.0 - 204.6'	11.6'	-	0.03	-	0.35	0.93	
204.6 - 226.6'	22.0'	-	0.79	0.05	11.73	1.21	
226.6 - 234.0'	7.4'	-	0.07	-	0.99	0.79	

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 4 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 4 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY Width	Ag	Cu	Zn	Pb
234.0 - 234.4'	77766	0.4	TR	0.77	0.06	10.85	6.19						
234.4 - 234.8'	77767	0.4	TR	0.48	0.04	6.45	2.48						
234.8 - 237.0'	77768	2.2	-	0.41	-	5.04	2.48						
237.0 - 237.6'	77769	0.6	-	0.15	-	0.71	1.43						
237.6 - 238.0'	77770	0.4	-	0.29	-	5.40	1.53						
238.0 - 238.4'	77771	0.4	-	-	-	0.14	0.42						
238.4 - 238.7'	77772	0.3	-	0.88	-	3.30	2.13						
238.7 - 242.3'	77773	3.6	-	0.18	-	0.85	1.28						
242.3 - 243.0'	77774	0.7	-	2.72	0.25	10.26	20.99						
243.0 - 243.6'	77775	0.6	TR	2.64	0.80	4.74	1.53						
243.6 - 244.5'	77776	0.9	TR	1.27	0.34	27.65	8.50						
244.5 - 244.9'	77777	0.4	TR	0.74	0.33	6.12	5.57						
244.9 - 245.1'	77778	0.2	-	0.32	-	5.28	3.60						
245.1 - 245.3'	77779	0.2	-	-	-	0.21	0.52						
245.3 - 245.8'	77780	0.5	-	-	-	0.24	0.75						
245.8 - 250.0'	WSTE	4.2											
250.0 - 253.0'	77781	3.0	-	0.21	-	0.09	1.28						
253.0 - 254.6'	77782	1.6	-	-	-	0.05	0.22						
254.6 - 254.8'	77783	0.2	-	1.32	-	0.12	16.04						
254.8 - 256.7'	77824	1.9	-	-	-	0.41	0.09						
256.7 - 256.9'	77801	0.2	-	-	-	0.09	0.48		226.6' - 257.5'				
256.9 - 257.5'	77802	0.6	-	3.88	-	1.10	65.99		30.9	0.35	-	2.11	2.90
257.5 - 258.5'	77785	1.0	-	-	-	0.14	0.82						
258.5 - 265.0'	77786	6.5	-	-	-	0.13	0.39						
265.0 - 265.7'	77787	0.7	-	0.53	-	6.00	1.20						
265.7 - 266.7'	77788	1.0	-	-	-	0.19	0.32						
266.7 - 267.0'	77789	0.3	-	-	-	1.34	4.65						
267.0 - 268.2'	77790	1.2	-	-	-	0.25	0.14						
268.2 - 273.0'	77791	4.8	TR	0.26	0.02	0.51	0.83						
273.0 - 274.0'	77792	1.0	-	-	-	0.12	0.32						
274.0 - 275.0'	77793	1.0	-	0.62	-	0.80	4.95						
275.0 - 277.0'	77794	2.0	-	-	0.02	0.54	0.37						
277.0 - 277.8'	77795	0.8	TR	-	-	0.14	0.65						

AVERAGES WIDTH	AU	AG	CU	ZN	PB
11.1'	-	0.68	0.10	5.69	3.78
9.5'	-	0.07	-	0.54	0.49
2.9'	-	0.89	-	0.51	14.85

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 4 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 5 .... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI
283.0 - 286.6	77797	3.6	-	-	-	0.18	0.39	
286.6 - 287.0	77798	0.4	-	1.15	-	0.36	1.00	
287.0 - 289.0	77799	2.0	-	-	-	0.13	0.29	
289.0 - 291.5	77800	2.5	TR	0.26	0.03	0.49	2.63	
291.5 - 292.5	77803	1.0	-	0.29	-	0.74	2.28	
292.5 - 293.1	77804	0.6	-	0.59	-	0.88	3.98	
293.1 - 294.4	77805	1.3	-	-	-	0.06	0.48	
294.4 - 294.8	77806	0.4	-	0.44	0.03	0.31	5.48	
294.8 - 295.6	77807	0.8	-	-	-	0.06	0.29	
295.6 - 296.1	77808	0.5	-	-	-	0.03	0.09	
296.1 - 296.4	77809	0.3	-	-	-	0.04	0.27	
296.4 - 298.3	77810	1.9	-	0.26	-	0.24	1.08	
298.3 - 298.8	77811	0.5	-	-	-	0.15	0.57	
298.8 - 299.2	77812	0.4	-	-	-	0.15	0.40	
299.2 - 302.8	77813	3.6	-	-	-	0.10	0.32	
302.8 - 303.4	77814	0.6	-	1.03	-	3.78	1.83	
303.4 - 306.3	77815	2.9	-	-	-	0.14	0.15	
306.3 - 308.0	77816	1.7	TR	0.53	0.03	0.63	0.88	
308.0 - 308.3	77817	0.3	-	-	-	0.03	0.12	
308.3 - 309.7	77818	1.4	TR	0.60	0.03	0.17	2.48	
309.7 - 310.7	77819	1.0	TR	0.72	-	0.58	4.65	
310.7 - 311.3	77820	0.6	-	-	-	0.28	0.19	
311.3 - 313.0	77821	1.7	-	-	-	1.18	0.28	
313.0 - 314.0	77822	1.0	-	-	-	0.12	0.04	
314.0 - 316.0	77823	2.0	-	-	-	0.69	0.19	
316.0 - 317.0	77824	1.0	-	-	-	0.41	0.09	
317.0 - 318.0	77825	1.0	-	-	-	0.25	0.23	
318.0 - 323.5	77826	5.5	-	-	-	2.76	0.09	
323.5 - 329.5	77827	6.0	-	-	-	1.80	0.07	
329.5 - 333.0	77828	3.5	-	-	-	0.14	0.07	
333.0 - 337.0	77829	4.0	TR	2.56	0.04	12.43	3.75	
337.0 - 338.0	77830	1.0	-	-	-	0.75	0.68	
338.0 - 341.5	77831	3.5	-	-	-	0.21	0.09	

WIDTH X ASSAY	Width	Ag	Cu	Zn	Pb
257.5' - 333.0'	75.5'	0.10	-	0.68	0.72

AVERAGES	WIDTH	AU	AG	CU	ZN	PB	NI
	31.5'	-	0.09	-	0.40	0.71	
	5.8'	-	0.25	-	0.46	2.42	
	38.2'	-	0.09	-	0.95	0.46	
	4.0'	Tr	2.56	0.04	12.43	3.75	

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 4 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 6 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY Width	Ag	Cu	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB
344.3 - 344.7'	77833	0.4	-	-	-	0.29	0.37												
344.7 - 345.2'	77834	0.5	TR	0.83	0.04	6.10	0.53												
345.2 - 345.7'	77835	0.5	TR	0.44	0.03	3.12	0.29												
345.7 - 346.7'	77836	1.0	-	-	-	1.41	0.22												
346.7 - 347.1'	77837	0.4	-	-	-	1.30	0.42												
347.1 - 348.7'	77838	1.6	-	-	-	0.25	0.09												
348.7 - 349.7'	77839	1.0	-	0.44	-	4.50	0.48												
349.7 - 351.0'	77840	1.3	-	-	-	0.33	0.09												
351.0 - 351.4'	77841	0.4	-	0.44	0.02	1.94	0.43												
351.4 - 352.3'	77842	0.9	-	-	-	0.07	0.04												
352.3 - 355.7'	77843	3.4	-	-	-	0.13	0.09												
355.7 - 356.5'	77844	0.8	-	-	-	0.94	0.19												
356.5 - 357.5'	77845	1.0	-	-	-	0.41	0.05												
357.5 - 362.0'	77846	4.5	-	-	-	0.78	0.25												
362.0 - 366.0'	77847	4.0	-	-	-	0.57	0.33							29.0'	-	0.11	-	1.03	0.25
366.0 - 367.7'	77848	1.7	TR	0.94	0.05	19.61	2.20												
367.7 - 371.0'	77849	3.3	-	-	-	1.17	0.14												
371.0 - 373.7'	77850	2.7	-	0.29	-	3.00	0.13												
373.7 - 375.4'	77851	1.7	-	0.21	-	5.16	0.18												
375.4 - 377.0	77852	1.6	-	-	-	3.12	0.08												
377.0 - 377.4'	77853	0.4	-	0.62	0.05	24.01	1.15							11.4'	-	0.26	-	6.02	0.48
377.4 - 382.0'	77854	4.6	-	-	-	1.26	0.49												
382.0 - 387.0'	77855	5.0	-	-	-	0.48	0.05												
387.0 - 387.4'	77856	0.4	TR	0.53	0.03	5.04	0.32												
387.4 - 387.8'	77857	0.4	-	-	-	2.10	0.09												
387.8 - 388.2'	77858	0.4	TR	1.09	0.05	16.93	0.18												
388.2 - 392.0'	77859	3.8	-	-	-	0.37	0.13												
392.0 - 394.1'	77860	2.1	TR	0.50	0.09	3.72	0.47		337.0' - 397.0'										
394.1 - 397.0'	77861	2.9	-	-	-	0.09	0.07		60.0'	0.13	-	1.60	0.29	19.6'	-	0.09	0.01	1.39	0.23
397.0 - 405.0'	WSTE	8.0																	
405	END OF	HOLE*																	

DIAMOND DRILL RECORD

Date Began Sept 6/75 Date Completed Sept 9/75

Property OG CLAIMS Project No. Depth 538'

Hole No. OG - 6 Co-ord 48+166E Horizontal Length 322'

Sheet No. 1 50+289N Direction 152°

Claim No. 4 Elevation 4320' Angle -55°

100' - 54°

400' - 53°

E. W. Yarrow Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY Width	Ag	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
0.0 - 28.0	O.B.	28.0																	
28.0 - 46.6	WSTE	18.6																	
46.6 - 52.0	35465	5.4		-		0.09	0.19												
52.0 - 63.2'	WSTE	11.2																	
63.2 - 65.0'	35466	1.8		-		0.21	0.06												
65.0 - 70.0'	WSTE	5.0																	
70.0 - 71.0'	35467	1.0		-		0.23	0.16												
71.0 - 72.5'	WSTE	1.5																	
72.5 - 73.9'	35468	1.4		.29		1.10	2.00												
73.9 - 78.2'	WSTE	4.3		-															
78.2 - 81.0'	35469	2.8		.24		0.32	1.03												
81.0 - 82.0'	35470	1.0		-		0.39	0.60												
82.0 - 87.0	35471	5.0		-		0.15	0.63												
87.0 - 89.0'	35472	2.0		-		0.10	0.83						16.5'		-		0.23	0.67	
89.0 - 90.4'	35473	1.4		2.65		16.83	21.73												
90.4 - 92.2'	35474	1.8		.38		1.06	2.65												
92.2 - 95.8'	35475	3.6		1.38		1.13	8.95						6.8'		1.38		4.34	9.91	
95.8 - 96.8'	35476	1.0		.26		0.27	2.08												
96.8 - 97.4'	35477	0.6		-		0.20	0.08												
97.4 - 98.1'	35478	0.7		-		0.05	0.20		89.0'-102.7'	13.7'	0.80	0.24	0.63						
98.1 - 100.0'	35479	1.9		-		0.07	0.29						4.2'		0.06		0.13	0.67	
100.0 - 102.0'	35480	2.0		.41		0.09	5.05												
102.0 - 102.7'	35481	0.7		0.77		3.96	8.48						2.7'		0.50		1.09	5.94	
102.7 - 106.4'	35482	3.7		.41		1.02	3.30												
106.4 - 108.0'	35483	1.6		0.12		0.12	0.76												
108.0 - 113.0'	28180	5.0		-		0.05	0.31						10.3'		0.17		0.41	1.45	
113.0 - 118.2'	WSTE	5.2		-									5.2'	Waste					
118.2 - 120.6'	35484	2.4		-		0.17	0.41												
120.6 - 125.0'	35485	4.4		-		0.13	0.23												
125.0 - 126.4'	35486	1.4		-		0.03	0.04												
126.4 - 127.0'	35487	0.6		.74		2.43	2.28												
127.0 - 130.0'	35488	3.0		-		0.62	0.28												
130.0 - 135.2'	28182	5.2		-		0.07	0.09												
135.2 - 139.0'	35489	3.8				0.10	0.26						20.8'		-		0.24	0.27	

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 6 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 2 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	Width	Ag	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
139' - 141.2'	35490	2.2		0.50		1.20	2.84													
141.2 - 143'	35492	1.8		0.32		5.01	1.94													
143' - 147'	35493	4.0		0.26		1.19	1.38							8.0'		0.34		2.05	1.91	
147' - 150.5'	35494	3.5		-		0.11	0.28													
150.5 - 155.3'	35495	4.8		-		0.15	0.36													
155.3 - 158.0'	35496	2.7		0.12		0.81	0.79													
158.0 - 163.0'	35497	5.0		0.12		0.47	0.41													
163.0 - 166'	35498	3.0		-		0.05	0.01													
166' - 171'	35499	5.0		-		0.92	0.30													
171' - 176'	28123	5.0		0.24		0.56	0.16													
176' - 181'	28124	5.0		0.24		1.66	0.23													
181' - 186'	28125	5.0		0.21		1.08	0.23							39.0'		0.11		0.69	0.29	
186' - 191'	WSTE	5.0												5.0'	Waste					
191' - 196'	28126	5.0		-		0.05	0.04													
196' - 197.7'	28127	1.7		-		1.78	0.06		147'-214'	67'	0.06	0.58	0.19							
197.7' - 199'	28128	1.3		-		0.88	0.04													
199' - 202'	28129	3.0		-		1.44	0.09													
202' - 204.6'	28130	2.6		-		0.19	0.16													
209.6 - 207.0'	WSTE	3.4																		
207' - 211.2'	28131	3.2		-		0.26	0.06													
211.2 - 214'	28132	2.8		-		0.58	0.06							23.0'		-		0.51	0.07	
214' - 217'	28133	3.0		0.38		2.16	0.18													
217' - 218.1'	28134	1.1		0.47		6.30	0.25													
218.1 - 220.7'	28135	2.6		0.24		3.20	0.09													
220.7 - 222.0'	28136	1.3		0.26		3.56	0.65													
222' - 224'	28137	2.0		0.21		3.32	0.29							10.0'		0.14		3.30	0.25	
224' - 227'	28138	3.0		-		0.80	0.09													
227' - 230'	28139	3.0		-		0.10	0.09							6.0'		-		0.45	0.09	
230' - 233.5'	WSTE	3.5																		
233.5 - 238'	28140	4.5		-		0.23	0.09													
238' - 247'	WSTE	9.0																		
247' - 253'	28141	6.0		-		0.12	0.13													
253' - 262.4'	WSTE	9.4												32.4'	Waste					
262.4 - 267.6'	28142	5.2				0.18	0.50													

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 6 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 3 .... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	CD	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
267.6 - 273'	28143	5.4		-		0.34	0.30								
273' - 277.3'	28144	4.3		-		0.66	0.30			14.9'		-		0.38	0.19
277.3 - 279.4'	28145	2.1		1.32		34.90	1.53	.08		2.1'		1.32		34.90	1.53
279.4 - 283'	28146	3.6		-		0.40	0.40								
283' - 284.5'	WSTE	1.5													
284.5 - 285.2	28147	0.7		-		0.32	0.40								
285.2 - 287.8	WSTE	2.6													
287.8 - 291.2	28148	2.4		-		0.64	0.68								
291.2 - 292	WSTE	0.8													
292' - 297'	28149	5.0		.18		0.73	1.78								
297' - 300.5'	28150	3.5		-		0.39	0.18								
300.5 - 303'	28151	2.5		-		0.23	0.31								
303' - 304'	WSTE	1.0													
304' - 305'	28152	1.0		-		0.13	0.19								
305' - 305.4'	28153	1.4		.59		0.55	1.83								
305.4 - 306.6	28154	1.2		-		0.33	0.36								
306.6 - 310'	28155	3.4		-		0.16	0.31		279.4-310.0'	30.6'				0.35	0.58
310' - 310.7'	28156	0.7		2.30		14.70	57.95			0.7'		2.30		14.70	57.95
310.7 - 315'	28157	4.3		-		0.22	0.83								
315' - 319'	28158	4.0		-		0.24	0.18								
319' - 324'	28159	5.0		-		0.42	0.10								
324' - 329'	28160	5.0		-		0.12	0.15								
329' - 334'	28161	5.0		-		0.10	0.18								
334' - 339'	28162	5.0		-		0.22	0.35								
339' - 344'	28163	5.0		-		0.56	0.23		310.7-344.0'	33.3'		-		0.27	0.28
344' - 352'	WSTE	8.0													
352' - 357'	28164	5.0		-		0.28	0.25								
357' - 363'	WSTE	6.0								19.0' Waste					
363' - 368'	28167	5.0		-		0.12	0.13								
368' - 370.7'	28168	2.7		-		0.10	0.03								
370.7' - 373'	28169	2.3		-		1.42	0.53		363.0-373.0'	10.0'		-		0.41	0.19
373' - 374'	28170	1.0		0.44		6.89	1.25			1.0'	-	0.44	-	6.89	1.25
374' - 377'	28171	3.0		0.24		1.60	0.88								
377' - 380'	28172	3.0		-		0.38	0.18								

DIAMOND DRILL RECORD

Date Began Sept 6/75 Date Completed Sept 9/75

Property OG CLAIMS Project No. Depth 538'

Hole No. OG - 6 Co-ord 48+166E Horizontal Length 322'

Sheet No. 1 50+289N Direction 152°

Claim No. 4 Elevation 4320' Angle -55°

100' - 54°

400' - 53°

E. W. Yarrow Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	Width	Ag	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
0.0 - 28.0	O.B.	28.0																		
28.0 - 46.6	WSTE	18.6																		
46.6 - 52.0	35465	5.4		-		0.09	0.19													
52.0 - 63.2'	WSTE	11.2																		
63.2 - 65.0'	35466	1.8		-		0.21	0.06													
65.0 - 70.0'	WSTE	5.0																		
70.0 - 71.0'	35467	1.0		-		0.23	0.16													
71.0 - 72.5'	WSTE	1.5																		
72.5 - 73.9'	35468	1.4		.29		1.10	2.00													
73.9 - 78.2'	WSTE	4.3		-																
78.2 - 81.0'	35469	2.8		.24		0.32	1.03													
81.0 - 82.0'	35470	1.0		-		0.39	0.60													
82.0 - 87.0	35471	5.0		-		0.15	0.63													
87.0 - 89.0'	35472	2.0		-		0.10	0.83							16.5'		-		0.23	0.67	
89.0 - 90.4'	35473	1.4		2.65		16.83	21.73													
90.4 - 92.2'	35474	1.8		.38		1.06	2.65													
92.2 - 95.8'	35475	3.6		1.38		1.13	8.95							6.8'		1.38		4.34	9.91	
95.8 - 96.8'	35476	1.0		.26		0.27	2.08													
96.8 - 97.4'	35477	0.6		-		0.20	0.08													
97.4 - 98.1'	35478	0.7		-		0.05	0.20		89.0'-102.7'	13.7'	0.80	0.24	0.63							
98.1 - 100.0'	35479	1.9		-		0.07	0.29							4.2'		0.06		0.13	0.67	
100.0 - 102.0'	35480	2.0		.41		0.09	5.05													
102.0 - 102.7'	35481	0.7		0.77		3.96	8.48							2.7'		0.50		1.09	5.94	
102.7 - 106.4'	35482	3.7		.41		1.02	3.30													
106.4 - 108.0'	35483	1.6		0.12		0.12	0.76													
108.0 - 113.0'	28180	5.0		-		0.05	0.31							10.3'		0.17		0.41	1.45	
113.0 - 118.2'	WSTE	5.2		-										5.2'	Waste					
118.2 - 120.6'	35484	2.4		-		0.17	0.41													
120.6 - 125.0'	35485	4.4		-		0.13	0.23													
125.0 - 126.4'	35486	1.4		-		0.03	0.04													
126.4 - 127.0'	35487	0.6		.74		2.43	2.28													
127.0 - 130.0'	35488	3.0		-		0.62	0.28													
130.0 - 135.2'	28182	5.2		-		0.07	0.09													
135.2 - 139.0'	35489	3.8				0.10	0.26							20.8'		-		0.24	0.27	

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 6 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 5 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geolo

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	CD	WIDTH X ASSAY
509.7 - 511.1'	27704	1.4		0.38		10.25	0.50	.02	
511.1 - 517'	27705	5.9		-		0.10	0.04		
517' - 523'	27706	6.0		-		0.16	0.05		
523' - 528'	27707	5.0		-		0.06	0.08		
528' - 538'	WSTE	10.0							
538	END OF HOLE								

WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
	1.4'	-	0.38	-	10.25	0.50
	16.9'	-	-	-	0.11	0.05
72.5' - 230.0'	157.5'		0.13		0.87	0.95
230.0' - 262.4'	32.4'	Waste				
262.4' - 344.0'	81.6'		0.05		1.33	0.91
344.0' - 363.0'	19.0'	Waste				
363.0' - 423.0'	60.0'		0.05		0.86	0.28
423.0' - 447.0'	24.0'	Waste				
447.0' - 511.1'	64.1'		0.04		1.34	0.21
511.1' - 528.0'	16.9'		-		0.11	0.05
72.5' - 528.0'	455.5'		0.07		0.84	0.56

DIAMOND DRILL RECORD

Date Began Sept 12/75 Date Completed Sept 16/75

Property OG CLAIMS Project No. Depth 597'

Hole No. OG - 8 Co-ord 47+435E Horizontal Length 425'

Sheet No. 1 50+488N Direction 152°

Claim No. 2 Elevation 4415' Angle -50°

100' - 67° ?
400' - 41°
578' - 43°

E. Yarrow Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
0 - 42.0'	O. B.	42.0														
42.0 - 47.0'	77001	5.0				0.06	0.01									
47.0 - 68.0	WSTE	21.0														
68.0 - 73.0'	77002	5.0				0.03	0.04									
73.0 - 82.7'	WSTE	9.7														
82.7 - 88.0'	77003	5.3				0.01	0.08									
88.0 - 98.5	WSTE	10.5														
98.5 - 99.0'	77004	0.5				0.10	0.05									
99.0 - 112.0'	WSTE	13.0								70.0' Waste						
112.0 - 117.0'	77005	5.0				0.12	0.03									
117.0 - 118.4'	77006	1.4				0.06	0.03									
118.4 - 119.7'	77007	1.3				0.18	0.01			7.7'				0.12	0.03	
119.7 - 130.0'	WSTE	10.3								10.3' Waste						
130.0 - 131.5'	77008	1.5				0.24	0.05									
131.5 - 133.2'	WSTE	1.7														
133.2 - 133.5'	77009	2.3				0.12	0.03									
135.5 - 138.9'	WSTE	3.4														
138.9 - 139.9'	77010	1.0				0.44	0.05			9.9'				0.11	0.02	
139.9 - 155.0'	WSTE	15.1								15.1' Waste						
155.0 - 158.0'	77011	3.0				0.02	0.01									
158.0 - 163.0'	77012	5.0				0.03	0.03			8.0'				0.02	0.02	
163.0 - 171.0'	WSTE	8.0														
171.0 - 172.3'	77013	1.3				0.01	0.01									
172.3 - 190.1	WSTE	17.8								27.1' Waste						
190.1 - 190.7	77014	0.6				0.14	0.05									
190.7 - 192.0	WSTE	1.3														
192.0 - 198.0'	77015	6.0				0.02	0.01									
198.0 - 202.0'	WSTE	4.0														
202.0 - 206.0'	77016	4.0				0.08	0.03									
206.0 - 208.5'	77017	2.5		0.09		0.18	0.05									
208.5 - 213.0'	77018	4.5				0.03	0.03			22.9'	-			0.05	0.02	
213.0 - 229.0'	WSTE	16.0								16.0' Waste						

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 8 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 2 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
229.0 - 234.0'	77019	5.0		0.03		0.18	0.08									
234.0 - 239.0'	77020	5.0		0.12		0.36	0.05									
239.0 - 244.0'	77021	5.0		0.15		0.08	0.05									
244.0 - 248.2'	77022	4.2		-		0.12	0.03									
248.2 - 253.0'	WSTE	4.8														
253.0 - 258.0'	77023	5.0		0.15		0.06	0.03									
258.0 - 262.5'	77024	4.5		0.03		0.06	0.03									
262.5 - 267.0'	77025	4.5		0.06		0.03	0.05									
267.0 - 272.0'	77026	5.0		0.06		0.08	0.05									
272.0 - 276.0'	77027	4.0		0.06		0.12	0.03									
276.0 - 277.8'	77028	1.8		0.09		0.32	0.01									
277.8 - 279.8'	77029	2.0		TR		0.04	0.01									
279.8 - 282.7'	77030	2.9		0.09		1.24	0.05									
282.7 - 285.5'	77031	2.8		TR		0.14	0.01									
285.5 - 287.0'	77032	1.5		0.06		1.36	0.03									
287.0 - 290.0'	77033	3.0		0.03		0.28	0.01									
290.0 - 295.0'	77034	5.0		TR		0.08	0.01			66.0'		0.06		0.20	0.03	
295.0 - 328.0'	WSTE	33.0								33.0'	Waste					
328.0 - 332.3'	77035	4.3		TR		0.04	0.01									
332.3 - 335.7'	77036	3.4		0.03		0.08	0.01									
335.7 - 336.1'	77037	0.4		0.15		0.12	0.10									
336.1 - 340.9'	77038	4.8		0.03		0.08	0.05									
340.9 - 341.6'	77039	0.7		0.09		1.26	0.03									
341.6 - 344.3'	77040	2.7		0.06		0.34	0.05									
344.3 - 346.8'	77041	2.5		0.06		0.10	0.08									
346.8 - 350.3'	77042	3.5		TR		0.17	0.03									
350.3 - 355.0'	77043	4.7		0.09		0.20	0.08									
355.0 - 360.0'	77044	5.0		0.09		0.04	0.03									
360.0 - 365.0'	77045	5.0		0.09		0.01	0.01									
365.0 - 371.0'	77046	6.0		0.12		0.03	0.05									
371.0 - 377.5'	77047	6.5		0.09		0.20	0.08									
377.5 - 382.0	77048	4.5		0.09		0.42	0.10									

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property OG CLAIMS Project No. ..... Depth .....

Hole No. OG - 8 Co-ord ..... Horizontal Length .....

Sheet No. 3 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geol.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
382.0 - 387.0'	77049	5.0		0.12		0.28	0.10								
387.0 - 392.0	77050	5.0		0.06		0.12	0.05								
392.0 - 397.5'	77051	5.5		0.12		0.14	0.05								
397.5 - 398.0'	77052	0.5		0.77		0.68	0.13								
398.0 - 399.2'	77053	1.2		0.12		0.26	0.10								
399.2 - 404.0'	77054	4.8		0.09		0.14	0.03								
404.0 - 409.0'	77055	5.0		0.03		0.12	0.05								
409.0 - 413.0'	77056	4.0		0.06		0.10	0.03								
413.0 - 417.0'	77057	4.0		0.15		0.08	0.05								
417.0 - 423.0'	77058	6.0		0.06		0.18	0.05								
423.0 - 428.0'	77059	5.0		0.09		0.22	0.08								
428.0 - 433.0'	77060	5.0		0.06		0.08	0.03								
433.0 - 435.5'	77061	2.5		0.15		0.22	0.05								
435.5 - 440.5'	77062	5.0		0.06		0.10	0.05								
440.5 - 446.5'	77063	6.0		0.06		0.14	0.05								
446.5 - 451.5'	77064	5.0		0.03		0.14	0.08								
451.5 - 454.0'	77065	2.5		0.09		0.18	0.08								
454.0 - 457.0'	77066	3.0		0.18		0.54	0.05								
457.0 - 458.7'	77067	1.7		0.12		0.34	0.05								
458.7 - 462.0'	77068	3.3		0.03		0.34	0.05								
462.0 - 464.0'	77069	2.0		0.06		0.10	0.01								
464.0 - 464.9'	77070	0.9		0.21		0.84	0.05								
464.9 - 467.5'	77071	2.6		0.09		0.08	0.03								
467.5 - 472.0'	77072	4.5		0.12		0.34	0.05								
472.0 - 475.0'	77073	3.0		0.18		0.62	0.05								
475.0 - 479.0'	77074	4.0		0.09		0.20	0.05								
479.0 - 482.0'	77075	3.0		0.24		0.94	0.18								
482.0 - 488.0'	77076	6.0		0.06		0.06	0.05								
488.0 - 494.0'	77077	6.0		TR		0.04	0.03								
494.0 - 500.0'	77078	6.0		0.01		0.04	0.01			172.0'		0.08		0.18	0.05
500.0 - 510.0'	WSTE	10.0													
510.0 - 510.8'	77079	0.8		0.01		0.12	0.05								

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... OG - 8 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 4 .... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY
510.8 - 551.0'	WSTE	40.2							
551.0 - 556.0'	77080	5.0		0.01		0.18	0.03		
556.0 - 561.0'	77081	5.0		0.06		0.06	0.05		
561.0 - 597.0'	WSTE	36.0							
597'	END OF	HOLE*							

AVERAGES WIDTH	AU	AG	CU	ZN	PB
51.0'	Waste				
10.0'		0.03		0.12	0.04

DIAMOND DRILL RECORD

Date Began Sept 21/75 Date Completed Sept 25/75

Property 0 G CLAIMS Project No. Depth 688'

Hole No. 10 Co-ord 51+203E Horizontal Length 480'

Sheet No. 1 50+331N Direction 152°

Claim No. 8 Elevation 4227' Angle -50°

400' 44°

600' 46°

G.E. Bidwell Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY
0.0 - 67.0'	O. B.	67.0							
67.0 - 71.0'	77120	4.0		TR		0.06	0.05		
71.0 - 75.0'	77121	4.0		TR		0.04	0.05		
75.0 - 80.0'	77122	5.0		0.06		0.18	0.20		
80.0 - 85.0'	77123	5.0		0.03		0.12	0.08		
85.0 - 88.0'	77124	3.0		0.03		0.06	0.10		
88.0 - 93.0'	77125	5.0		0.06		0.16	0.13		
93.0 - 98.0'	77126	5.0		0.03		0.04	0.10		
98.0 - 102.0'	77127	4.0		0.06		0.04	0.05		
102.0 - 107.0'	77128	5.0		0.03		0.08	0.13		
107.0 - 112.0'	77129	5.0		0.03		0.04	0.08		
112.0 - 117.0'	77130	5.0		0.03		0.20	0.25		
117.0 - 122.0'	77131	5.0		0.09		0.06	0.18		
122.0 - 126.2'	77132	4.2		0.03		0.20	0.15		
126.2 - 128.7'	77133	2.5		0.06		1.24	0.38		
128.7 - 131.2'	77134	2.5		0.15		2.52	1.23		
131.2 - 135.3'	77135	4.1		0.44		0.18	1.58		
135.3 - 140.0'	77136	4.7		0.15		0.18	0.28		
140.0 - 142.0'	77137	2.0		0.29		0.06	0.35		
142.0 - 146.5'	77138	4.5		0.12		0.04	0.13		
146.5 - 151.0'	77139	4.5		0.05		0.70	0.15		
151.0 - 155.0'	77140	4.0		0.03		0.06	0.10		
155.0 - 157.0'	77141	2.0		0.15		0.48	1.15		
157.0 - 162.0'	77142	5.0		TR		0.06	0.05		
162.0 - 167.0'	77143	5.0		TR		0.02	0.10		
167.0 - 172.0'	77144	5.0		0.03		0.06	0.15		
172.0 - 177.0'	77145	5.0		0.06		0.10	0.28		
177.0 - 182.0'	77146	5.0		0.06		0.04	0.13		
182.0 - 186.0'	77147	4.0		0.03		0.06	0.10		
186.0 - 190.0'	77148	4.0		0.06		0.06	0.13		
190.0 - 193.5'	77149	3.5		0.06		0.03	0.15		
193.5 - 194.5'	77150	1.0		0.44		0.44	2.43		
194.5 - 198.0'	77151	3.5		0.77		1.34	3.83		

AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
59.2'		0.04		0.10	0.12	
9.1'		0.26		1.11	1.15	
58.2'		0.06		0.13	0.19	
4.5'		0.70		1.14	3.52	

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property OG CLAIMS Project No. ..... Depth .....

Hole No. 10 Co-ord ..... Horizontal Length .....

Sheet No. 2 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	Width	Ag	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
198.0 - 203.0'	77152	5.0		0.03		0.08	0.15													
203.0 - 206.5'	77153	3.5		0.53		0.24	1.20													
206.5 - 209.5'	77154	3.0		0.15		0.60	1.00		67.0'-209.5'	142.5'	0.10	1.52	0.37	11.5'		0.21		0.26	0.69	
209.5 - 210.5'	77155	0.7		2.12		13.15	10.71							0.7'		2.12		13.15	10.71	
210.5 - 214.8'	77156	4.3		0.09		0.48	0.80													
214.8 - 219.2'	77157	4.4		0.21		0.42	0.68													
219.2 - 221.2'	77158	2.0		0.88		1.38	2.70							10.7'		0.29		0.62	1.11	
221.2 - 222.4'	77159	1.2		2.85		22.90	7.15													
222.4 - 224.0'	77160	1.6		4.47		9.31	3.08													
224.0 - 226.3'	77161	2.3		2.41		6.41	7.54							5.1'		3.16		11.19	6.04	
226.3 - 228.5'	77162	2.2		0.85		2.34	1.28		221.2' - 231.0'											
228.5 - 231.0'	77163	2.5		1.18		6.81	1.83			9.8'	2.14	8.09	3.90	4.7'		1.02		4.72	1.57	
231.0 - 234.0'	77164	3.0		0.21		0.88	0.48		209.5-231.0'	21.5	1.19	4.43	2.68							
234.0 - 237.6'	77165	3.6		0.06		0.16	0.23													
237.6 - 238.8'	77166	1.2		0.47		0.42	0.73													
238.8 - 242.5'	77167	3.7		0.15		0.24	0.28													
242.5 - 243.3'	77168	0.8		0.53		0.24	0.38													
243.3 - 247.0'	77169	3.7		TR		0.05	0.05													
247.0 - 251.4'	77170	4.4		0.29		0.16	0.63							20.4'		0.18		0.28	0.36	
251.4 - 253.1'	77171	1.7		2.59		2.10	3.90													
253.1 - 255.5'	77172	2.4		1.71		3.24	1.88							4.1'		2.07		2.77	2.71	
255.5 - 260.8'	77173	5.3		0.06		0.07	0.23													
260.8 - 263.8'	77174	3.0		0.44		0.60	1.25													
263.8 - 266.2'	77175	2.4		0.24		0.46	1.45													
266.2 - 272.0'	77176	5.8		TR		0.10	0.20													
272.0 - 277.0'	77177	5.0		TR		0.12	0.13													
277.0 - 278.4'	77178	2.4		0.24		1.20	0.85													
279.4 - 282.0'	77179	2.6		0.03		0.04	0.10													
282.0 - 286.0'	77180	4.0		0.06		0.03	0.08													
286.0 - 288.0'	77181	2.0		0.09		0.04	0.23							32.5'		0.10		0.23	0.41	
288.0 - 289.0'	77182	1.0		0.41		4.32	2.20													
289.0 - 291.6'	77183	2.6		0.38		1.52	2.35													
291.6 - 292.3'	77184	0.7		1.29		7.47	0.98													

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property OG CLAIMS Project No. ..... Depth .....

Hole No. 10 Co-ord ..... Horizontal Length .....

Sheet No. 3 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
293.4 - 297.0'	77186	3.6		0.12		0.28	0.28									
297.0 - 298.0'	77187	1.0		0.53		4.26	2.00			10.0'		0.36		2.05	1.39	
298.0 - 300.0'	77188	2.0		0.21		0.12	0.55									
300.0 - 304.0'	77189	4.0		0.06		0.03	0.05									
304.0 - 309.0'	77190	5.0		0.06		0.04	0.08									
309.0 - 315.0'	77191	6.0		0.12		0.10	0.40									
315.0 - 316.5'	77192	1.5		0.38		0.36	2.45									
316.5 - 322.0'	77193	5.5		0.09		0.36	0.13									
322.0 - 326.0'	77194	4.0		0.03		0.03	0.05									
326.0 - 331.0'	77195	5.0		TR		0.06	0.05									
331.0 - 335.0'	77196	4.0		0.06		0.11	0.10									
335.0 - 336.5'	77197	1.5		0.24		0.54	1.60									
336.5 - 340.0'	77198	3.5		TR		0.04	0.08									
340.0 - 341.9'	77199	1.9		0.18		0.20	0.60			43.9'		0.09		0.13	0.30	
341.9 - 342.3'	77200	0.4		1.18		11.30	1.18			0.4'		1.18		11.30	1.18	
342.3 - 345.0'	77201	2.7		0.06		0.16	0.10									
345.0 - 345.9'	77202	0.9		0.44		1.20	0.25									
345.9 - 349.0'	77203	3.1		0.03		0.08	0.10									
349.0 - 352.0'	77204	3.0		0.03		0.03	0.08									
352.0 - 354.3'	77205	2.3		0.68		4.86	0.85									
354.3 - 356.6'	77206	2.3		0.09		0.06	0.58									
356.6 - 357.7'	77207	1.1		0.41		0.12	4.99									
357.7 - 361.3'	77208	3.6		0.06		0.18	0.23									
361.3 - 366.4'	77209	5.1		0.09		0.10	0.48									
366.4 - 368.0'	77210	1.6		0.44		4.88	0.48									
368.0 - 372.0'	77211	4.0		0.06		0.20	0.28									
372.0 - 376.0'	77212	4.0		0.03		0.06	0.08			33.7'		0.14		0.69	0.45	
376.0 - 378.3'	77213	2.3		0.59		8.47	1.23			2.3'		0.59		8.47	1.23	
378.3 - 382.1'	77214	3.8		0.06		0.04	0.05									
382.1 - 384.5'	77215	2.4		0.38		1.90	0.38									
384.5 - 388.0'	77216	3.5		0.09		0.30	0.08									
388.0 - 390.8'	77217	2.8		0.56		2.22	0.85									
390.8 - 394.0'	77218	3.2		0.12		0.20	0.13									

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... OG CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... 10 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 4 .... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	ASSAY AG	ASSAY CU	ASSAY ZN	ASSAY PB	ASSAY NI	WIDTH X ASSAY	AVERAGES WIDTH	AVERAGES AU	AVERAGES AG	AVERAGES CU	AVERAGES ZN	AVERAGES PB	AVERAGES NI
394.0 - 398.0'	77219	4.0		0.09		0.24	0.25									
398.0 - 399.0'	77220	1.0		0.03		0.38	0.15									
399.0 - 400.4'	77221	1.4		0.38		2.16	1.10									
400.4 - 402.8'	77222	2.4		0.12		0.54	0.60									
402.8 - 403.3'	77223	0.5		0.53		1.06	3.38									
403.3 - 407.0'	77224	3.7		0.09		0.86	0.25									
407.0 - 411.2'	77225	4.2		TR		0.06	0.13									
411.2 - 413.0'	77226	1.8		0.44		0.30	6.02									
413.0 - 418.0'	77227	5.0		0.09		0.34	0.10									
418.0 - 419.0'	77228	1.0		0.06		0.08	0.08									
419.0 - 423.1'	77229	4.1		0.06		0.06	0.10									
423.1 - 427.2'	77230	4.1		0.12		0.10	0.55									
427.2 - 430.7'	77231	3.5		0.12		0.14	0.18									
430.7 - 433.0'	77232	2.3		0.03		0.05	0.08									
433.0 - 438.0'	77233	5.0		0.03		0.05	0.08			59.7'		0.13		0.44	0.45	
438.0 - 438.8'	77234	0.8		0.91		0.52	13.14			0.8'		0.91		0.52	13.14	
438.8 - 443.0'	77235	4.2		0.06		0.08	0.25									
443.0 - 448.0'	77236	5.0		0.06		0.10	0.30									
448.0 - 453.0'	77237	5.0		0.03		0.05	0.10									
453.0 - 458.0'	77238	5.0		0.03		0.04	0.15									
458.0 - 463.0'	77239	5.0		TR		0.04	0.10									
463.0 - 468.0'	77240	5.0		TR		0.05	0.08									
468.0 - 474.0'	77241	6.0		0.09		0.12	0.45			35.2'		0.04		0.07	0.21	
474.0 - 475.0'	77242	1.0		0.44		0.18	8.14									
475.0 - 477.0'	77243	2.0		0.12		0.08	0.75									
477.0 - 480.4'	77244	3.4		0.24		0.20	3.68			6.4'		0.23		0.16	3.46	
480.4 - 483.7'	77245	3.3		0.21		0.18	1.53									
483.7 - 488.0'	77246	4.3		0.03		0.05	0.08									
488.0 - 493.0'	77247	5.0		0.03		0.05	0.08									
493.0 - 495.2'	77248	2.2		0.06		0.06	0.25									
495.2 - 497.3'	77249	2.1		0.26		1.54	1.33									
497.3 - 502.0'	77250	4.7		0.21		0.42	2.28									
502.0 - 506.0'	77251	4.0		0.03		0.16	0.45									

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property 0 G CLAIMS Project No. ..... Depth .....

Hole No. 10 Co-ord ..... Horizontal Length .....

Sheet No. 5 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI
506.0 - 510.7'	77252	4.7		0.06		0.10	0.53	
510.7 - 511.6'	77253	0.9		0.47		1.02	7.17	
511.6 - 517.0'	77254	5.4		0.03		0.06	0.20	
517.0 - 520.0'	77255	3.0		0.15		0.15	1.75	
520.0 - 523.0'	77256	3.0		0.18		0.26	3.45	
523.0 - 526.0'	77257	3.0		0.09		0.34	1.88	
526.0 - 529.6'	77258	3.6		0.06		0.16	1.33	
529.6 - 535.0'	77259	5.4		0.09		0.10	0.23	
535.0 - 540.0'	77260	5.0		0.09		0.10	0.25	
540.0 - 545.0'	77261	5.0		0.32		0.16	4.58	
545.0 - 549.0'	77262	4.0		0.06		0.05	0.20	
549.0 - 554.0'	77263	5.0		0.06		0.15	0.35	
554.0 - 558.0'	77264	4.0		0.03		0.10	0.15	
558.0 - 561.0'	77265	3.0		0.06		0.08	0.23	
561.0 - 562.0'	77266	1.0		0.03		0.18	0.18	
562.0 - 566.1'	77267	4.1		TR		0.16	0.25	
566.1 - 567.0'	77268	0.9		0.12		0.12	0.65	
567.0 - 569.0'	77269	2.0		0.41		0.60	4.88	
569.0 - 572.1'	77270	3.1		0.03		0.38	0.55	
572.1 - 573.0'	77271	0.9		0.74		11.19	5.12	
573.0 - 577.0'	77272	4.0		0.12		0.26	1.43	
577.0 - 580.5'	77273	3.5		0.29		0.38	4.13	
580.5 - 582.9'	77274	2.4		0.32		8.35	2.85	
582.9 - 586.1'	77275	3.2		0.59		1.26	7.49	
586.1 - 590.2'	77276	4.1		0.15		0.46	0.75	
590.2 - 594.0'	77277	3.8		0.21		2.10	0.70	
594.0 - 598.0'	77278	4.0		0.03		0.08	0.05	
598.0 - 603.0'	77279	5.0		0.09		0.06	0.10	
603.0 - 608.0'	77280	5.0		0.06		0.38	0.08	
608.0 - 611.9'	77281	3.9		0.03		0.04	0.08	
611.9 - 614.3'	77282	2.4		0.09		0.30	0.08	
614.3 - 615.6'	77283	1.3		0.47		22.49	0.15	
615.6 - 616.8'	77284	1.2		0.56		2.40	0.10	

WIDTH X ASSAY		Width	Ag	Zn	Pb
495.2-545.0'		49.8'	0.13	0.24	1.54
231.0-572.1'		341.1'	0.14	0.43	0.66
572.1-586.1'		14.0'	0.34	2.61	3.97

AVERAGES	WIDTH	AU	AG	CU	ZN	PB	NI
	91.7'		0.10		0.20	1.09	
	0.9'		0.74		11.19	5.12	
	7.5'		0.20		0.32	2.69	
	5.6'		0.47		4.30	5.50	
	28.2'		0.09		0.47	0.26	
	1.3'		0.47		22.49	0.15	

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... O G CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... 10 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 6 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	Width	Ag	Zn	Pb	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
616.8 - 621.0'	77285	4.2		TR		0.14	0.05													
621.0 - 626.0'	77286	5.0		0.03		0.16	0.05													
626.0 - 629.3'	77287	3.3		TR		0.22	0.03													
629.3 - 633.2'	77288	4.2		0.09		0.86	0.05													
633.2 - 633.5'	77289																			
633.5 - 634.3'	77290	0.8		0.12		1.22	0.28							18.7'		0.07		0.51	0.06	
634.3 - 634.9'	77291	0.6		0.50		14.54	6.73							0.6'		0.50		14.54	6.73	
634.9 - 640.0'	77292	5.1		0.03		0.20	0.05													
640.0 - 645.0'	77293	5.0		TR		0.28	0.05		586.1-645.0'	58.9'	0.08	1.07	0.22	10.1'		0.01		0.24	0.05	
645.0 - 673.0'	WSTE	28.0												28.0'	Waste					
673.0 - 676.9'	77294	3.9		0.06		0.06	0.05													
676.9 - 677.7'	77295	0.8		0.59		9.86	0.18													
677.7 - 678.5'	77296	0.8		TR		0.02	0.05													
678.5 - 678.6'	77297	0.1		0.18		4.62	0.18													
678.6 - 683.0'	77298	4.4		TR		0.04	0.03							10.0'		0.07		0.88	0.05	
683.0 - 688.0'	WSTE	5.0																		
688.0 END OF HOLE*																				

DIAMOND DRILL RECORD

Date Began Sept 29/75 Date Completed Oct 3/75

Property O G CLAIMS Project No. Depth 587'

Hole No. 12 Co-ord 47+018E Horizontal Length

Sheet No. 1 49+194N Direction 152°

Claim No. 13 Elevation 4606' Angle -50°

E. W. Yarrow Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
0.0 - 25.0'	O. B.														
25.0 - 27.0'	77398	2.0		TR		0.08	0.05								
27.0 - 28.2'	77399	1.2		0.12		0.16	0.05								
28.2 - 30.4'	77400	2.2		0.06		0.06	0.05								
30.4 - 32.2'	77401	1.8		0.15		0.14	0.05								
32.2 - 33.0'	77402	.8		0.12		0.30	0.05								
33.0 - 38.0'	77403	5.0		0.18		0.24	0.05								
38.0 - 43.0'	77404	5.0		0.06		0.14	0.01								
43.0 - 44.8'	77405	1.8		0.03		0.10	0.03								
44.8 - 46.0'	77406	1.2		0.06		0.26	0.03								
46.0 - 53.0'	77407	7.0		0.12		0.20	0.03								
53.0 - 58.0'	77408	5.0		0.06		0.20	0.01								
58.0 - 63.0'	77409	5.0		0.09		0.32	0.03								
63.0 - 68.0'	77410	5.0		0.03		0.30	0.05								
68.0 - 73.0'	77411	5.0		0.06		0.18	0.05								
73.0 - 78.0'	77412	5.0		0.09		0.44	0.05								
78.0 - 83.0'	77413	5.0		0.03		0.18	0.05								
83.0 - 88.0'	77414	5.0		0.03		0.14	0.08								
88.0 - 93.0'	77415	5.0		0.03		0.20	0.08								
93.0 - 98.0'	77416	5.0		0.12		0.24	0.05								
98.0 - 100.0'	77417	2.0		0.09		0.26	0.05								
100.0 - 103.2'	77418	3.2		0.06		0.12	0.03								
103.2 - 107.0'	77419	3.8		0.15		0.24	0.05								
107.0 - 108.3'	77420	1.3		0.15		0.38	0.05								
108.3 - 111.7'	77421	3.4		0.06		0.16	0.03								
111.7 - 112.0'	77422	0.3		0.15		0.20	0.05								
112.0 - 117.0'	77423	5.0		0.03		0.10	0.05								
117.0 - 122.0'	77424	5.0		0.03		0.08	0.01								
122.0 - 126.0'	77425	4.0		0.03		0.08	0.05								
126.0 - 130.6'	77426	4.6		TR		0.06	0.05								
130.6 - 135.0'	77427	4.4		0.03		0.14	0.01								
135.0 - 138.0'	77428	3.0		TR		0.08	0.05								
138.0 - 143.0'	77429	5.0		TR		0.30	0.05								

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... O G CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... 12 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 2 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
143.0 - 148.0'	77430	5.0		0.03		0.22	0.22								
148.0 - 153.0'	77431	5.0		TR		0.08	0.08								
153.0 - 156.0'	77432	3.0		TR		0.08	0.08								
156.0 - 161.0'	77433	5.0		0.03		0.06	0.06								
161.0 - 167.0'	77439	6.0		TR		0.06	0.05								
167.0 - 172.0'	77434	5.0		0.03		0.10	0.05			147.0'		0.05		0.17	0.05
172.0 - 228.0'	WSTE	56.0								56.0'	Waste				
228.0 - 233.0'	77435	5.0		0.03		0.04	0.03								
233.0 - 248.0'	WSTE	15.0								20.0'	Waste				
248.0 - 253.0'	77436	5.0		0.03		0.06	0.05								
253.0 - 258.0'	77437	5.0		0.03		0.08	0.05								
258.0 - 262.0'	77438	4.0		0.03		0.06	0.05								
262.0 - 267.0'	77440	5.0		0.03		0.10	0.05								
267.0 - 272.0'	77441	5.0		TR		0.06	0.05								
272.0 - 277.0'	77442	5.0		0.03		0.06	0.05								
277.0 - 282.0'	77443	5.0		TR		0.04	0.03			34.0'		0.02		0.07	0.05
282.0 - 297.0'	WSTE	15.0								15.0'	Waste				
297.0 - 302.0'	77444	5.0		0.03		0.08	0.05								
302.0 - 305.0'	77445	3.0		0.03		0.70	0.20								
305.0 - 310.0'	77446	5.0		0.03		0.34	0.08								
310.0 - 315.0'	77447	5.0		0.02		0.12	0.05								
315.0 - 320.0'	77448	5.0		0.06		0.18	0.05								
320.0 - 325.0'	77449	5.0		0.03		0.18	0.05								
325.0 - 330.0'	77450	5.0		0.03		0.16	0.05								
330.0 - 332.0'	77451	2.0		0.03		0.10	0.05								
332.0 - 337.0'	77452	5.0		0.03		0.14	0.05								
337.0 - 342.0'	77453	5.0		0.06		0.10	0.05								
342.0 - 347.0'	77454	5.0		0.06		0.10	0.05								
347.0 - 352.0'	77455	5.0		TR		0.06	0.03								
352.0 - 357.0'	77456	5.0		0.06		0.12	0.03								
357.0 - 363.0'	77457	6.0		0.06		0.14	0.05								
363.0 - 365.0'	77458	2.0		0.15		0.14	0.05								
365.0 - 367.0'	77459	2.0		0.12		0.08	0.05								

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property ..... O.G. CLAIMS ..... Project No. ..... Depth .....

Hole No. ..... 12 ..... Co-ord ..... Horizontal Length .....

Sheet No. ..... 3 ..... Direction .....

Claim No. ..... Elevation ..... Angle .....

Resident Geologist

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB	NI
367.0 - 368.0'	77460	1.0		0.18		0.22	0.10									
368.0 - 371.0'	77461	3.0		0.06		0.06	0.05									
371.0 - 375.0'	77462	4.0		0.12		0.10	0.05									
375.0 - 380.0'	77463	5.0		TR		0.08	0.03									
380.0 - 385.0'	77464	5.0		0.06		0.10	0.05									
385.0 - 390.0'	77465	5.0		0.12		0.26	0.05									
390.0 - 395.0'	77466	5.0		0.09		0.08	0.05									
395.0 - 397.0'	77467	2.0		0.18		0.08	0.08									
397.0 - 398.8'	77468	1.8		0.09		0.08	0.01									
398.8 - 399.5'	77469	.7		0.15		1.52	0.23									
399.5 - 403.0'	77470	3.5		0.06		0.12	0.03									
403.0 - 408.0'	77471	5.0		0.03		0.08	0.05									
408.0 - 413.0'	77472	5.0		0.03		0.06	0.03			116.0'		0.05		0.15	0.05	
413.0 - 422.8'	WSTE	9.8'								9.8'	Waste					
422.8 - 428.0'	77473	5.2		0.03		0.12	0.05			5.2'		0.03		0.12	0.05	
428.0 - 477.0'	WSTE	49.0'								49.0'	Waste					
477.0 - 482.0'	77474	5.0		0.03		0.12	0.05									
482.0 - 487.0'	77475	5.0		TR		0.12	0.05			10.0'		0.01		0.12	0.05	
487.0 - 499.0'	WSTE	12.0'								12.0'	Waste					
499.0 - 503.0'	77476	4.0		0.03		0.12	0.05									
503.0 - 508.0'	77477	5.0		0.03		0.10	0.03			9.0'		0.03		0.11	0.04	
508.0 - 551.6'	WSTE	43.6'								43.6'	Waste					
551.6 - 556.0'	77478	4.4		TR		0.06	0.05									
565.0 - 570.0'	77479	5.0		0.06		0.04	0.05			9.4'		0.03		0.05	0.05	
587.0 END OF HOLE*																

DRILL HOLE NO. 1 CO - ORDINATES 48+748E, 50+186N ANGLE 45° DIRECTION 152° PAGE 1

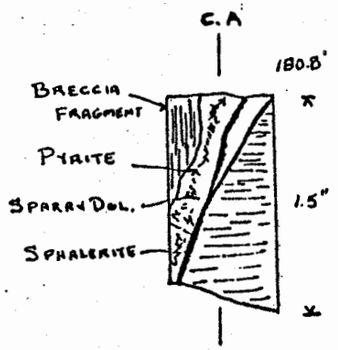
PROPERTY OG DEPTH 427' CORE SIZE BQ ACID TESTS (CORRECTED) 100'-45° 300'-47° LOGGED BY Eyes

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles 1" 40'	Pyr:BM*
0.0	28.0	Overburden	Comprised of grey dolomite boulders			South 0 C.A. North	
			24.0' - 28.0' - grey dolomite boulder with small breccia with				
			minor galena and sphalerite (both less than 1%)				
28.0	78.0	Grey Dolomite	Light grey very finely crystalline massive dolomite, in places			40	
			finely laminated Sparry white dolomite infilling microfractures				
			and veins.	C.A.			
			28.0' - 28.8' coarse and fine pyrite slightly weathered	38.8' Sphalerite Pyrite Sparry Dolomite Breccia Fragment 2.5"		80	
			associated white sparry dolomite.				
			28.8' - 35.0' - minor pyrite on outer edges of dolomite filled				
			fractures at high angles to core axis 30% recovery				
			37.0' - 38.8' - grey and weakly banded dolomite with heavy				
			pyrite at 20° to core axis - two bands of amber sphalerite 1" wide.				
38.8	44.3	Jigsaw Breccia	Heavy pyrite - 25% with sphalerite in breccia matrix - jigsaw			120	35.1
			fabric with sparry white dolomite as matrix				
			44.3' - 47.8' - weakly banded dolomite - some places jigsaw	Banded Dolomite Contact Pyrite 1"			
			breccia Pyrite infilling fractures and in pods throughout Pyrite			160	
			bands at 80°, 30°, 10°, 45° to core axis Minor sphalerite in				
			fractures.				
			48.2' - 50.7' - Relatively barren dolomite, weak banding at				
			40° to core axis Numerous microfaults offsetting dolomite filled				
			fractures. Faults at 10° to core axis Dolomite filled fractures			200	
			at 30° to core axis have undergone no offset Faults offset				
			sulphides in area.				
			50.7' - 52.1' - Massive pyrite-sphalerite zone with barren				1.1
			grey dolomite for .3' Zone at 40° to core axis (opposite bedding)			240	
			Pyrite in bands with sparry dolomite bands and light brown-amber				
			sphalerite streaks throughout Poorly developed colloform texture				
			of pyrite. Pyrite 25%				

DRILL HOLE NO. 1 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 2

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			53.2' - 53.6' - Band of massive pyrite with strong sphalerite Numerous microfaults offsetting Pyrite est. - 70%			320	5.1
			53.6' - 55.0' - Minor pyrite (1%) in grey dolomite.				
			55.0' - grey dolomite laminations at 50° to core axis				
			Occassional dark bands and vuggy dolomite (55.4, 63.4') Well developed sparry white dolomite and clear quartz crystals			360	
78.0	117.8	Banded Dolomite	Very thinly laminated - grey, grey-black and white bands with rock more calcite rich (reaction with dilute HCL) Laminations at 80° to core axis			400	
			78.0' - 80.3' - Banded dolomite with some iron stain on fractures				
			80.3' - 80.8' - Band of sparry white dolomite at 30° to core axis Sphalerite Pyrite Galena			440	
			84.8' - 85.1' - Banded sphalerite galena and pyrite at 45° to core axis				
			93.8' - 94.3' - 1" wide band of sparry dolomite with good sphalerite and galena	C.A. 106.6' BANDED DOLOMITE SPARRY DOLOMITE PYRITE SPHALERITE 1.5"		480	
			97.0' - 98.0' - dark grey banded dolomite at 80° to core axis				
			98.0' - 99.5' - bands of pyrite and sphalerite with a .5' barren section Sulphide bands at 45° and 80° to core axis				
			101.5' - 102.3' - three narrow bands of sphalerite (1/4"-1/2") at 35° to core axis Two parallel to bedding				1.1
			106.5' - 107.6' - Pyrite 15-20% - colloform and sphalerite in breccia				
108.2	117.8	Jigsaw Breccia	Mainly breccia zone - jigsaw fabric common fragments vary in size from 2" - 1.5", sub-angular in shape.				
			109.5' - 110.5' - Strong breccia with heavy pyrite - 25% and sphalerite.				10.1

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			110.5' - 111.5' - Heavy pyrite (45%) with bands of sphalerite				5.1
			114.5' - 117.0' - Very strong breccia with abundant pyrite- 30% Streaks of sphalerite at 10° to core axis offset by numerous microfaults Breccia fragments, 2"-15" Faults at 10° to core axis				12.1
117.8	147.2	Banded Dolomite	Banded dolomites with occasional dolomite filled veinlets at 10° to core axis Pyrite - 1% Bedding at 70° to core axis				
140.2	149.5	Breccia	Breccia zone with sulphides (heavy in places) contained in matrix along with sparry white dolomite.				
			140.2' - 142.2' - Strong breccia - sphalerite and pyrite present at 10° to core axis				
			142.2' - 144.5' - Very heavy galena, pyrite and sphalerite in breccia at 10° to core axis Banded (wavy) sphalerite				
			144.5' - 146.8' - Massive sphalerite - pyrite in breccia				
			146.8' - 147.1' - Barren jigsaw breccia at 20° to core axis				
			147.1' - 149.5' - Massive sphalerite, pyrite and galena in breccia Sequence goes Pyrite - Galena - Sphalerite (galena) - pyrite.				
149.5	168.0	Banded Dolomite					
168.0	190.1	Jigsaw Breccia	Jigsaw fabric most common with fragment showing minor attrition and averaging 3" in size fine "grained" type of breccia.				
			168' - 174' - strong breccia, pyrite - 3%				1.1
			180.1' - 182.6' - narrow band of pyrite - sphalerite at 180.8' band at 20° to core axis				
190.1	257.0	Banded Dolomite	Very thinly laminated dolomites, banding at 70° - 80° to core				

DRILL HOLE NO. 1 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 4

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			axis, some areas intense fracturing (208') and slightly vuggy. Some stylolites.				
			210.2' - 211.0' - 2" vein massive pyrite at 20° to core axis				21.1
			230.8' - 231.3' - dolomite vein with bands of pyrite - 30%				
			246' - 248.7' - Massive pyrite - 60% with sparry white dolomite Sparse galena from 248' - 248.7'.				
257.0	275.2	Breccia	Basically brecciated area with scattered crystals and dots of galena and sphalerite and pyrite.				
275.2	397.0	Banded Dolomites					
			296.3' - 297.0' - Minor pyrite and sphalerite in narrow bands normal to core axis				
			308.1' - 309.3' - narrow veins with pyrite and lesser sphalerite.				
			353.5' - 353.9' - 1" band sphalerite and minor pyrite and galena - approximately 30° to core axis				
			346.1' - 347.3' - dolomite veins parallel to core axis with coarse galena and pyrite.				
394.2	397.0	Jigsaw Breccia	393' - 394.2' - black and ground rock - minor pyrite - 1-2% Massive pyrite (minor pyrrhotite) with some sphalerite				
			Pyrite - 20%				
397.0	427.0	Grey Dolomite	Minor laminations at 70° to core axis				
			397' - 406' - Fault zone? broken and ground rock with change to grey dolomite around 397' Core angles fairly chaotic but appear to be about 20° to core axis				
		END OF HOLE*					

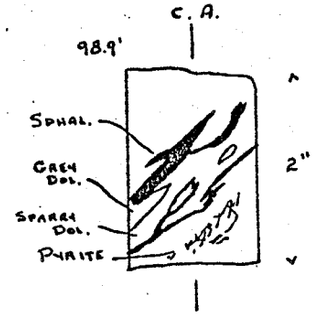
DRILL HOLE NO. 4 CO - ORDINATES 49+597E 49+91ON ANGLE -50° DIRECTION 332° PAGE 1

PROPERTY DEPTH 405' CORE SIZE BQ ACID TESTS (CORRECTED) 100' - 50° 300' - 53° LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles 1" : 40' South North	Pyr:
0.0	16.0	Overburden				0	
16.0	91.3	Grey Dolomite	Fine grained light grey dolomite In places weakly banded at 5-10° to core axis Moderate reaction to dilute HCL				
			21-22" - breccia - contact at right angles to core axis, minor iron stain Small fragments - average .2" with matrix infilled with sparry white dolomite Minor pyrite - 1%			40'	
			34' - 34.4' - breccia - fragments 1/4" in size - grading to smaller fragments down the hole.			80'	
			41' - 67' - core recovery 4% - drillers ground core minor galena at end of section				
			68' - 73' - Brown staining and dolomite filled fractures 1" wide breccia at 72.8'			120'	
			75-84' - rock broken up in small pebbles				
			73' - 75' - Breccia - vuggy in spots with occasional small blebs of galena				
			80' - 85' - breccias and strong fracturing			160'	
			85' - 91' - massive barren grey dolomite - moderately calcareous		5		
			91.0' - 91.3' - massive pyrite - sphalerite zone, contact (top) at 48° to core axis Pyrite - 70%		10	200'	
91.3	99.4	Breccia	Fine grained breccias 2½"				
			91.3' - 93.0' - weak breccia with pyrite infilling matrix Pyrite - 33%				
			93' - 94' - Pyrite - sphalerite zone in breccia Dolomite veinlet at 35° to core axis Pyrite - 15%		30	240'	
			94' - 95' - Massive pyrite - colloform - very porous rock, vuggy Breccia fragments 2½" in size Some sparry dolomite		15		

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | LOGGED BY

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED)

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			veinlets at 30° to core axis Pyrite - 65%			
			95' - 95.6' - Breccia with amber sphalerite and pyrite sulphides in dolomite matrix vuggy Pyrite - 40%		30	
			95.6' - 97.3' - Massive sphalerite zone with pyrite - vuggy 1" square piece of gossan at 97.3' Calcite in some of the vugs Pyrite - 15%		15	320
			97.3' - 98.6' - grey dolomite One dolomite veinlet (½" wide) with sphalerite		10	
			98.6' - 99.4' - Pyrite - sphalerite zone in breccia Pyrite - 25%		25	360
99.4	116.0	Grey Dolomite	Light grey dolomite, fine grained, weakly banded in places			
			99.4' - 102.1' - grey dolomite with 3 - ½" bands of pyrite - sphalerite in dolomite veinlets at 40° to core axis (same as bedding)		14	400
			102.1' - 102.4' - Sparry dolomite vein with good sphalerite and pyrite vein at 50° to core axis Bedding at 10° to core axis Pyrite 30%		30	
			102.4' - 103.6' - Grey dolomite with bands of pyrite and sphalerite in sparry dolomite - breccia in places. Bands at 60° to core axis Pyrite 6%		12	
			103.6' - 107' - grey dolomite with a few bands of pyrite and sphalerite at 70° to core axis Numerous microfaults parallel to core axis offsetting up to ½"		12	
			107' - 107.2' - small breccia with pyrite and sphalerite in matrix Pyrite - 20%		20	
			107.2' - 107.5' - grey dolomite, bedding at 15° to core axis.		4	
			107.5' - 110.7' - Pyrite streaks, bands and blebs in grey dolomite. Some streaks and blebs of sphalerite. Top contact of		20	

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | Pg 3 | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			sulphide band at 60° to core axis. Pyrite - 12%				
			112' - 112.2' - Sparry dolomite vein, weak breccia				
			Pyrite - 25% Contact at 60° to core axis				
			114.7' - 115.6' - Grey dolomite with pyrite blebs in		15		13:1
			sparry dolomite - minor bands of sphalerite Pyrite - 16%				
116.0	120.4	Jigsaw Breccia	Grey dolomite breccia with angular fragments, poor jigsaw fabric				
			fragments average 1/3" in size, some as large as 1"				
			116' - 118.2' - Breccia with some pyrite and sphalerite in		10		8:1
			matrix. Fragments 1/3" in average Contact (top) at 40° to core				
			axis Very minor chalcopyrite Pyrite - 25%				
			118.2' - 118.8' - Breccia with streaks of sphalerite and				
			pyrite				
			118.8' - 120.4' - Strong breccia with sparry dolomite,				2:1
			pyrite, sphalerite in matrix. Bottom contact at 60° to core				
			axis Galena crystals contained in sphalerite bands Pyrite - 8%				
120.4	125.5	Grey Dolomite	Grey massive dolomite, weakly laminated with beds sub-parallel				
			to core axis				
			120.9' - 122.1' - Grey dolomite - bedding sub-parallel to		25		2:1
			core axis, rock broken Sparry dolomite vein sub-parallel to				
			core axis One band of sphalerite in dolomite veinlet at 70° to				
			core axis Pyrite - 3%				
			122.1' - 122.3' - Bands of pyrite and sphalerite Contact				
			(top) 70° and bottom 55° to core axis Sequence: Grey dolomite-				
			pyrite-sphalerite-pyrite-sphalerite-Center-pyrite-sphalerite-				
			pyrite				
			122.3' - 123.7' - Grey dolomite Bedding parallel to core				
			axis Occasional hairline fracture Filled with sphalerite				
			One dolomite veinlet at 50° to core axis				

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 4

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			123.7' - 123.9' - Band of massive pyrite and sphalerite in		10		4:1
			sparry dolomite. Contact at 40° to core axis Hairline				
			fractures at 10° to core axis infilled with galena cutting				
			everything Sulphides surround grey dolomite Pyrite - 60%				
			123.9' - 125.3' - Grey dolomite with black bands at 10° to		3		
			core axis.				
125.3	127.1	Jigsaw Breccia	Fragments from 1½" - 2¼" in size Pyrite - 10%				2:1
127.1	137.0	Grey Dolomite	Grey massive dolomite with numerous dolomite filled hairline		5-10		
			fractures				
			132' - 137' - Grey dolomite, bedding at 10° to core axis.				
			Three narrow veinlets containing sphalerite and pyrite. In places				
			vuggy sparry dolomite.				
137.0	147'	Breccia	Predominantly brecciated area with jigsaw fabric and random				
			fragments all having sparry white folomite in matrix				
			137' - 142' - Breccia, grey dolomite, minor sphalerite				
			stringers at 140.5' in sparry dolomite.				
			142' - 145' - Broken up grey dolomite, iron stain on some				
			fractures.				
			145' - 147' - Breccia or strong fracturing - minor galena		20		
			and pyrite. Very narrow pyrite-sphalerite band at 40° to core				
			axis along with sparry dolomite - vuggy with few cubes of galena				
			First 1" of sample has granular pyrite normal to core axis.				
147'	158'	Banded Dolomite	Finely laminated with laminations at 10° to core axis and stylolites				
			parallel to core axis				
158'	193.0	Breccia	Strong breccia zone, jigsaw fabric prominent with abundant				
			sparry white dolomite and sulphides				
			158' - 158.3' - Breccia, very vuggy with coarse sphalerite				5:1
			and galena Vugs have some calcite lining them Pyrite infilling				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			some stylolites (at 35° to core axis) Pyrite - 3%			
			158.3' - 162.0' - Breccia, some stylolites Minor coarse galena and sphalerite		15	
			162' - 165' - Grey dolomite, banded at 10° to core axis Some places highly fractured.		5	
			165' - 168' - Jigsaw breccia, angular to sub-angular fragments Small vugs throughout Sparry white dolomite infilling matrix Fine and coarse galena and minor chalcopyrite			
			168' - 168.6' - Weak jigsaw breccia, small fragments ($\frac{1}{4}$") Pyrite - 14%			
			168.6' - 169.1' - Broken banded dolomite, where obtainable bedding at 20° to core axis Minor coarse sphalerite and galena.			
			169.1'- 171.1' - Strong jigsaw breccia, abundant sparry dolomite, pyrite-sphalerite in matrix Pyrite-4%			
			171.7' - 173' - Grey dolomite - small breccias with pyrite and sphalerite		10	
			173' - 174.8' - Strong jigsaw breccia Sphalerite-pyrite-galena in sparry dolomite matrix			
			174.8' - 178' - Breccia in places in banded dolomite Bedding at 35° to core axis Pyrite - 2%			
			178' - 178.9' - Breccia - sphalerite bands and blebs erratically distributed Pyrite - 10%			
			178.9' - 179.3' - Breccia - heavy sphalerite Pyrite - 10%			
			179.3' - 180.5' - Breccia with vuggy dolomite and massive galena			
			180.5' - 180.8' - Band of massive pyrite - sphalerite Dark amber to honey colored banding Sparry dolomite in middle Pyrite - 60%			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			180.8' - 181.2' - Banded dolomite bedding parallel to core axis Minor streaks of sphalerite			
			181.2' - 181.7' - Massive pyrite with isolated hazy dolomite with fragments of grey dolomite Pyrite - 60%			60:1
			181.7' - 182.8' - Breccia - small fragments (2¼") with pyrite and sphalerite throughout - galena in blebs Pyrite - 10%			1:1
			182.8' - 183.1' - Massive sphalerite - pyrite zone Bottom contact at 80° to core axis Pyrite - 60% Iridescent in places		10	5:1
			183.1' - 183.6' - Breccia - very small fragments in places			
			183.6' - 184.6' - Breccia with mainly pyrite One band at 30° to core axis Iridescence of pyrite in places			
			184.6' - 185.6' - Breccia - hazy in places with sphalerite pyrite minor galena Pyrite - 8%			1:1
			185.6' - 188' - Strong breccia - small fragments (2¼") Pyrite - 7%			2:1
			188' - 191.6' - Breccia, heavy sphalerite Rock fragments very dark Vuggy sparry dolomite with galena			
			191.6' - 193' - Massive pyrite with sphalerite in breccia Pyrite - 40%			2:1
193'	204.3	Banded Dolomite	Highly fractured banded dolomite			
			193' - 194.6' - Highly fractured banded dolomite Bedding at 30° to core axis Pyrite - 3%			1:1
			199' - 204.3' - Grey dolomite strong fracturing Bedding at 10° to core axis Stylolite at 200'			
204.3	219.8	Breccia	Varies from strong fracturing to weakly jigsaw type breccia			
			204.3' - 204.6' - Breccia, stylolites Minor pyrite Contact at 30°			

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 7

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			204.6' - 205.6' - Breccia with heavy pyrite - sphalerite with streaks of galena. Dolomite veinlet at 35° to core axis. Vuggy - coarse galena in vugs. Pyrite - 25%				1:
			205.6' - 206.1' - Jigsaw breccia				
			206.1 - 206.5' - Massive pyrite - sphalerite at 10-20° to core axis		5		
			206.5' - 209' - Breccia with sphalerite, pyrite and galena (pods and streaks). Pyrite 25%				2:
			209' - 211' - Pyrite - sphalerite zone in breccia - "porous" in places. Pyrite - 50%				5:
			211' - 211.7' - Pyrite - sphalerite zone in grey dolomite breccia				
			211.7' - 213.9' - Breccia with pyrite and sphalerite in matrix with white sparry dolomite. Bands of sphalerite.				3:
			213.9' - 214.8' - Sphalerite - pyrite zone in breccia. Bands of sphalerite - dolomite of 60° to core axis. Some places sulphides have been brecciated. Pyrite - 12%				5:
			214.8' - 215.7' - Coarse breccia or strong fracturing. Sphalerite - pyrite bands throughout. Bands at 40° - 70° to core axis. Pyrite - 8%				8:
			215.7' - 216.2' - Heavy sphalerite zone with layered sparry dolomite (grey)		10		
			216.6' - 218.6' - Strong breccia with abundant sphalerite and pyrite in matrix. Galena in sparry white dolomite vein. Sphalerite through the matrix in bands				4:
			218.6' - 219.8' - Breccia - large fragment (7½") with sphalerite and galena. Minor chalcopyrite in vuggy sparry dolomite				

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 8

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
219.8	224.0	Banded Dolomite	Predominantly banded dolomites				
			219.8' - 221.0' - Banded dolomites at 30° to core axis		5		
			221' - 222' - Sphalerite - pyrite bands in sparry dolomite vein at 30° to core axis Colloform sphalerite in places Some crystals of galena in with sphalerite				
			222' - 223' Massive grey dolomite		5		
			223' - 223.4' - Massive pyrite and good sphalerite in dolomite vein Colloform pyrite - 65%		15		5:1
			223.4' - 224' - Banded dolomite at 50-60° to core axis				
224'	238.0	Breccia	Hazy and jigsaw breccia tending to strong fracturing in places (231.3', 237')				
			224' - 224.5' - Breccia with pyrite				
			224.5' - 225.8' - "Hazy" breccia with blebs of pyrite - sphalerite and galena Numerous dolomite filled fractures crossing one infilled with galena		8		4:1
			225.8' - 226.6' - "Hazy" breccia with good sphalerite and pyrite Sulphides have been broken up in places Contact at 70° to core axis				
			227' - 228.2' - Jigsaw breccia				
			228.2' - 229.3' - Massive grey dolomite		5-10		
			229.3' - 231.3' - Jigsaw breccia fragments have undergone minor attrition Coarse galena in vuggy sparry dolomite - quartz crystals in vugs				
			231.3' - 232.8' - Breccia of strong fracturing - vuggy		15		
			232.8' - 234.4' - Breccia with pyrite - sphalerite Some "hazy" dolomite and sparry dolomite				
			234.4' - 234.8' - Breccia - pyrite - galena - sphalerite				7:

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 9

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			Sphalerite brecciated Galena band at 10° to core axis cuts everything				
			234.8' - 237' - Breccia with very large fragments stylolites				
			237' - 237.6' - Banded dolomite - weak - well fractured				1:1
			237.6' - 238' - Jigsaw breccia Pyrite - sphalerite and minor galena				
238.0	268.2	Banded Dolomite	Weak to strongly laminated dolomite Bedding 15-30° to core axis				
			238' - 238.4' - Bedding at 15° to core axis Sparry dolomite vein parallel and at 40° to core axis Pyrite lining vein and dolomite - sharp contact		15		
			238.4' - 238.7' - Dolomite vein with bands of sphalerite and pyrite Contact at 45° to core axis				
			238.7' - 242.3' - Weakly banded dolomite at 5-10° to core axis Small jigsaw like breccias in places Occasional blebs of sphalerite and pyrite				
			242.3' - 243' - Band of massive pyrite, galena and sphalerite Contact irregular but approximately 50° to core axis Stylolite at contact Pyrite - 60%				2:1
			243' - 243.6' - Massive pyrite zone Pyrite - 85%		3		
			243.6' - 244.5' - Massive sulphide zone - sphalerite, pyrite, minor galena and chalcopyrite Pyrite - 20%				5:1
			244.5' - 244.9' - Massive pyrite zone - blebs of galena		10		
			244.9' - 245.1' - Banded dolomite at 30° to core axis Stylolites parallel to bedding		10		
			245.1' - 245.3' - Band of pyrite at 70° to core axis		5-10		
			245.3' - 253' - Banded dolomite at 5-10° to core axis (250' - 30°)		2		

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			253' - 254.6' - Minor pyrite and galena in hairline fractures		5	
			at 35° to core axis			
			254.6' - 254.8' - Sparry dolomite vein with heavy pyrite at		15	
			65° to core axis Galena veinlet at 20° to core axis (opposite			
			bedding)			
			254.8' - 257.5' - Banded dolomite		10	
257.5	258.5	Breccia	"Tight" breccia - black infilling rubble Galena in streaks and			
			veinlets			
258.5	268.2	Banded				
		Dolomite	Dark grey banded dolomites, laminations at 15° to core axis Vugs		5	
			with coarse galena in them			
			266.7' - 267' - Pyrite - sphalerite zone with galena at 60°			5:1
			to core axis Pyrite - 30%			
268.2	275'	Jigsaw Breccia	Generally strong breccia with an abundance of small fragments ($2\frac{1}{4}$")			
			jigsaw fabric present			
			268.2' - 273' - Strong jigsaw fabric breccia - in places			
			dark dolomite matrix "Hazy" in places			
			273' - 274' - Banded dolomite - broken up		5	
			274' - 275' - Breccia - small fragments, sparry dolomite			3:1
			matrix along with fine galena and some pyrite (20%) Vuggy			
275.0	289.0	Banded				
		Dolomites	Finely laminated dolomites			
			275' - 277' - Banded dolomites at 15° to core axis $\frac{1}{2}$" wide		10	
			pyrite - sphalerite - galena sparry dolomite vein at 75° to core			
			axis Galena in clean white dolomite cutting zone in places			
			276.2' - dolomite vein with coarse galena, chalcopyrite in vugs at			
			50° to core axis			
			277.8' - 283' - Banded dolomite vuggy in places		5	

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 11

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			283' - 286.6' - Banded dolomites - in places highly fractured		5	
			stylolites along bedding			
			287' - 289' - Banded dolomite - bedding parallel to core axis		5	
289.0	298.8	Breccia	Predominantly jigsaw fabric breccia zone			
			289' - 291.5' - Jigsaw fabric, pyrite in matrix and minor			
			galena in vuggy sparry dolomite - coarse quartz crystals Pyrite-			
			10%			
			291.5' - 293.1' - "Tight" breccia - grey dolomite fragments			
			with pyrite and galena in sparry dolomite matrix			
			293.1' - 294.4' - Breccia with fine galena giving blue hue to			
			fracture surfaces			
			294.4' - 294.8' - Breccia (jigsaw) with sulphide throughout			
			white dolomite matrix vuggy in places with minor chalcopyrite			
			294.8' - 295.6' - Breccia and strong fracturing in banded			
			dolomites.			
			295.6' - 296.1' - Very strong jigsaw breccia			
			296.4' - 298.3' - Massive grey dolomite - numerous hazy and		5	
			sparry dolomite veinlets Contact of grey dolomite and banded at			
			20° at core axis			
298.8	306.3	Banded				
		Dolomite	Finely laminated dolomite, well fractured in places		8	
			299.2' - 302.8' - Banded dolomite, highly fractured			
			302.8' - 303.4' - Pyrite bands at 30° - 40° to core axis			
306.3	323.5	Breccia	Generally coarse fragment breccia 7½"			
			306.3' - 308' - Breccia with heavy pyrite and galena lining			
			sparry dolomite veinlet			
			308' - 309.7' - Large fragment breccia, heavy pyrite, fine			
			galena Pyrite - 30%			

DRILL HOLE NO. 4 | CO-ORDINATES | ANGLE | DIRECTION | PAGE 12

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			309.7' - 310.7' - Breccia - galena veinlets at 20° to core axis (opposite bedding) Pyrite - 20%				4:1
			310.7' - 311.3' - Banded dolomite at 5° to core axis		25		
			311.3' - 313' - Very strong jigsaw breccia Honey colored sphalerite, coarse galena in vugs and some clear quartz crystals		35		3:1
			313' - 314' - Highly fractured banded dolomite Coarse fragments 1½" showing small offsets and minor attrition		15		
			314' - 316' - Strong breccia - for first 1' small fragments <¼" Remainder of breccia size of fragments from 2" - < ¼" Angular fragments				
			317' - 318' - Pyrite in breccia - jigsaw fabric and small fragments				
			318' - 323.5' - Broken rock - minor pyrite		8		
323.5	329.5	Fault Zone	Crumbly pyrite, broken and brecciated rock		5		
329.5	337	Banded Dolomite	Thinly laminated dolomites at 12° to core axis				
			333' - 337' - Cavity filling sulphides, wavy bands of sphalerite, galena and pyrite Pyrite - 35%				2:1
337'	345.7'	Breccia	Breccia with average size of .5"				
			337' - 338' - Strong breccia - sparry dolomite matrix - varied size fragments				8:1
			338' - 341.5' - Strong breccia - minor sulphide - jigsaw fabric fragments are sub-angular - average size .5", as large as 1.5" as small as <.25".				
			341.5' - 344.3' - Breccia - heavy pyrite - 25%		25		5:1
			344.7' - 345.2' - Vuggy sparry dolomite				
			345.2' - 345.7' - Breccia with pyrite				9:1
345.7	352.3	Banded Dolomite	Thinly laminated dolomites, well fractured				

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 13

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			345.7' - 346.7' - Well fractured banded dolomite, bedding parallel to core axis 1.5" wide pyrite band at 55° to core axis		10		
			346.7' - 347.1' - Pyrite zone with very vuggy, sparry dolomite for last 1'				
			347.1' - 348.7' - Banded dolomite - bedding at 5° to core axis Sparry dolomite veinlets at 55° and 45° to core axis criss-crossing Pyrite in center of veinlets		10		
			348.7' - 349.7' - Fractured banded dolomite - breccia for last 2 feet		15		4:1
			349.7' - 351' - Banded dolomites - bedding at 5° to core axis		10		
			351.4' - 352.3' - Banded dolomites at 15° to core axis				
352.3	355.7	Breccia	Breccias and vuggy sparry dolomite Some stylolites parallel to bedding				
355.7	357.5	Banded Dolomite	Banded dolomite with laminations at 20° to core axis		10		
357.5	375.4	Jigsaw Breccia	Strong jigsaw breccia with sparry white dolomite in matrix plus pyrite, sphalerite and galena				10:1
			366.0' - 367.7' - Broken rock with open space filling with sphalerite bands offset in places by microfaults at 40° to core axis Good galena in places		25		9:1
			371' - 373.7' - Banded dolomites - breccia ("hazy") in places Breccia contact at 60° Bedding at 5° to core axis				2:1
			373.7' - 375.4' - Breccia with pyrite (6%) and sphalerite with jigsaw fabric				1:1
375.4	388.2	Banded Dolomite	Banded dolomites, occasional stromatolitic feature				
			375.4' - 381' - Banded dolomites parallel to core axis, sulphide bands cutting bedding				

DRILL HOLE NO. 4 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 14

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			377.4' - 382.0' - Chalcopyrite and galena, 383' - fine fragment breccia normal to bedding		5	
			387' - 387.4' - Massive pyrite - sphalerite band, bottom contact at 55° to core axis		30	9:1
			387.8' - 388.2' - Pyrite - sphalerite band		20	3:1
388.2	394.1	Breccia	Jigsaw type breccia with fault gouge (389' - 389.4') - contact at 70° to core axis.			
394.1	405.0	Banded Dolomite	Finely laminated dolomite with laminations 60° - 70° to core axis			

DRILL HOLE NO. 6 | CO - ORDINATES | ANGLE -55° | DIRECTION 152° | PAGE 1

PROPERTY | DEPTH 538' | CORE SIZE BQ | ACID TESTS (CORRECTED) 100' - 55° 400' - 53° | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
0.0	28.0	Overburden					
28.0	81.0	Grey Dolomite	Massive dense light grey to dark grey dolomite				
			45' - 46' - Breccia - 3 different types of fragments - sub angular banded dolomite, grey dolomite and dark colored dolomite 1.5" - <.25" cream colored dolomite 33' - 34'				
46.6	52.0	Breccia	Tight breccia Pyrite 3-5% "Hazy" dolomite in places Vuggy in places i.e. 55'		5		14:1
63.2	65.0	Breccia	Breccia with some coarse sphalerite and minor galena Breccia only for first .5' Pyrite - 3%				11:1
			72.5' - 73.9' - Well fractured grey dolomite with heavy galena and pyrite for 1" Stylolites at 78'		10		
78.2	81.0'	"Hazy" Breccia	Hazy breccia with pyrite bands and blebs Pyrite -5-8%				6:1
81.0		Banded Dolomite	Light to dark grey finely laminated dolomite				
			81.0' - 82.0' - Vuggy sparry dolomite in weak breccia Galena associated with sparry dolomite - jigsaw fabric of breccia in places Pyrite 2-3%				3:1
82'	87'	Breccia	Broken rock - brecciated in places with vuggy sparry dolomite Pyrite stringers throughout - 3%		15		
			87.0' - 89.0' - Grey dolomite - breccia in places - galena - minor and minor chalcopyrite Pyrite - 3%		5		3:1
			89.0' - 90.4' - Massive sulphide zone Top contact erratic but might be 80° to core axis Pyrite-galena-sphalerite Pyrite-25%				6:1
			90.4' - 92.2' - Banded dolomite at 80° to core axis "Hazy" breccia in places Minor pyrite-sphalerite and galena		2		
92.2	95.8'	"Hazy" Breccia	"Hazy" breccia and jigsaw breccia with pyrite and minor sphalerite with blebs of galena in matrix Fragment sizes of				

DRILL HOLE NO. 6 [illegible]

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | P-8-2 | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			breccia .5" - .25" Occasional dolomite filled fracture at 15° to core axis with galena				
			95.8' - 96.8' - Very tight highly fractured area No sulphides observed		1		
			96.8' - 97.4' - Banded dolomite laminations at 80° to core axis				
			97.4' - 98.1' - Tight hazy breccia - galena stain on some fracture surfaces		1		
98.1	100.0	Fault Zone	Fault Zone - gouge - broken rock				
100.0	102.0	Breccia	Breccia - hazy in places Pyrite - 3% Galena as fine crystals on fracture surfaces - minor chalcopyrite Hazy breccia in places				6:1
			102.0' - 106.4' - Grey black dolomite - weakly banded at 10° to core axis - strong fracturing upsetting bedding angles? Fine galena along numerous fractures Minor sphalerite and some bands of pyrite parallel to core axis Pyrite - 10% Microfaults at 10° to core axis		5-8		2:
106.4	107.4	Breccia	Rubble breccia - hazy in places				
			107.4' - Banded dolomite, very minor galena at 109' Bedding angles				
			109' - 80°, 113' - 80°, 118' - 80°, 123' - 75°, 128' - 75°,				
			133' - 70°, 138' - 70°, 140' - 80°				
118.2	120.6	Breccia	Breccia - jigsaw fabric - sparry dolomite matrix Pyrite 5-8%				
			120.6' - 125' - Banded dolomite - fine galena assocated with sparry dolomite Rock is cut by numerous sparry dolomite veinlets		5-6		
			125' - 126.4' - Banded dolomite Pyrite - 1%		5-6		14:1
			126.4' - 127.0' - Vein with light colored sphalerite Contact at 30° to core axis Pyrite - 30%		12-15		6:1
			127.0' - 130.0' - Banded dolomite at 70° to core axis Pyrite vein infilling type - parallel to core axis Minor galena observed		5-10		
			133.5' - 134.5' - Breccia - no sulphides Abundant sparry				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			dolomite				
			135.2' - 139.0' - Highly fractured banded dolomite - minor		15		
			galena				
			139.0' - 141.2' - Breccia with pyrite and sphalerite Frag-				4:1
			ments have undergone some attrition Pyrite - 18%				
			141.2' - 142.0' - Banded dolomite Sparry dolomite - pink				
			Bedding offset by microfaults				
			142' - 143' - Breccia - more than one sequence of fragmentation				2:1
			Size of fragments 2" - .25" Sparry dolomite vuggy in places -				
			good galena in pods Pyrite - 14%				
143.0	147.0	Breccia	Strong breccia - jigsaw fabric - fragment size $\frac{1}{4}$" Banded				3:1
			sphalerite at 143.4' cut by dolomite filled fracture containing				
			galena Pyrite - 8%				
			147' - 150.5' - Banded dolomite at 80° to core axis				
			Calcareous in places				
150.5	181.0	Breccia	Breccia - jigsaw fabric Galena and pyrite in white dolomite matrix				
			Vuggy in places Pyrite - 4%				
			155.3' - 158.0' - Breccia - same as above				
			158.0' - 163.0' - Same as above				
			163' - 166' - Broken rock - breccia				
			166.0' - 171.0' - Breccia - same as above Honey colored				3:1
			sphalerite in matrix Pyrite - 4% Banding in places at 65°-70° to				
			core axis				
			171' - 176' - Breccia same as above except for more sparry				
			carbonate Pyrite - 8%				
			176' - 181' - Breccia - same as above from 179' coarser				
			grained fragments Banding at 180' - 50° to core axis Breccia				
			fragments have white dolomite filled fractures going through them.				

DRILL HOLE NO. 6 | CO-ORDINATES | ANGLE | DIRECTION | PAGE 4

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
181		Banded Dolomite	Banded dolomite - bedding at 75 - 80° to core axis Breccia for first .4' - Bedding at 189 - 85°, 194' - 83°, 199' - 88°		10		
			191' - 196' - Banded dolomite - numerous dolomite filled fractures throughout		10-15		
			196' - 197.7' - Sparry dolomite vein - "cockade: structure open space filling, crystals of grey dolomite. Pyrite - 3%				3:2
			197.7' - 199' - Broken banded dolomite				
			199' - 202' - Dolomite vein with inclusions of wall rock .25' wide Band of pyrite and sphalerite at 10° to core axis Pyrite - 2%				
			202' - 204.6' - Vuggy sparry dolomite vein for 1' with fragments of wall rock in it Pyrite - 5%				15:1
			Bedding at 205' - 88° 210' - 88°				
			207' - 211.2' - Banded dolomite - numerous dolomite filled fractures Pyrite - 1%				
211.2	214	Breccia	211.2' - 214.0' - Breccia - none or little attrition Minor pyrite and sphalerite Pyrite - 1-2%				
			214' - 217' - Numerous dolomite filled fractures and dolomite vein at 216' parallel to core axis Colloform pyrite in places Bedding at 80° to core axis Pyrite - 1%				2:1
			217' - 218.1' - Breccia - sparry dolomite Honey colored sphalerite Pyrite - 15% Colloform pyrite				
			218.1' - 220.7' - Banded dolomite, abundant sparry dolomite enclosing angular fragments of wallrock Honey colored sphalerite lining fractures in sparry dolomite Bitumen? in vugs of sparry dolomite				
			220.7' - 222.0' - Banded dolomite Bedding at 78° to core axis Galena in dolomite filled fractures				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			222.0' - 224' - Breccia - dolomite vein at 20° to core axis Sphalerite in matrix Vuggy with coarse sphalerite in places, some coarse galena			
			224' - 227' - Banded dolomite - broken up			
227.0	230.0	Breccia	Breccia vuggy in places with some coarse galena and sphalerite			
			231' - Banded dolomite at 70° to core axis 237' - banded dolomite at 70° to core axis			
			233.5' - 238' - Banded dolomite with hazy dolomite vein at 10° to core axis and one 1" wide white dolomite vein at 40° to core axis vuggy few quartz crystals		10-15	
			243' - Bedding at 80° to core axis 248' - Bedding at 75°			
			247' - 253' - Banded dolomite - minor crystals of galena, sphalerite and pyrite.		10-15	
253'	263'	Stromatolitic Dolomite	Stromatolitic grey dolomite for 10'			
263.0	267.6	Hazy Breccia	"Hazy" breccia - vuggy in places with some coarse galena and sphalerite			
			267.6' - 273' - Banded dolomite at 88° to core axis Some coarse sphalerite and galena, Pyrite - 4%		15	6:1
			273' - 277.3' - Same as above		15	
			277.3' - 279.4' - Sparry dolomite zone with heavy pyrite and sphalerite Amber and honey colored sphalerite Coarse galena in places Contact (top) at 80° to core axis (irregular) narrow fractures containing galena cutting everything at 10° to core axis. Pyrite - 25%			7:1
			279.4' - 283' - Banded dolomite at 70° to core axis One stromatolite 4" across with laminations ending abruptly against it		5	
			284' - Bedding at 61° to core axis			

DRILL HOLE NO. 6 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 6

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			284.5' - 285.2' - Sparry dolomite vein with bands of pyrite between vein material and wall rock				
287.8	300.5	Breccia	Breccia with hazy as well as white dolomite in matrix Pyrite blebs in matrix Bedding at 60° to core axis				
			292.0' - 297' - Jigsaw breccia or well fractured Pyrite band at 20° to core axis Galena in dolomite filled fracture Pyrite -5% Vuggy in places with some coarse sphalerite				2:1
			297' - 300.5' - Excellent hazy breccia - contact at bottom with banded dolomites at 80° to core axis Bedding here at 65° to core axis Vuggy in places with coarse sphalerite galena and sphalerite Pb < 1% Bedding at 303' - 65° to core axis				
			300.5' - 303.0' - Banded dolomite with minor galena and sphalerite in sparry dolomite		5		
			304' - 305' - Well fractured banded dolomite almost breccia in places Banding at 65° to core axis Minor galena in sparry dolomite		15		
			305' - 305.4' - Massive pyrite zone Minor sphalerite observed Fragments of banded dolomite surrounded by pyrite Pyrite - 50%		2		
			305.4' - 306.6' - Banded dolomite Bedding at 60° to core axis Minor galena and sphalerite				
			306.6' - 310' - Banded dolomite at 60° to core axis massive dark grey in places Minor galena, sphalerite and pyrite				
			310' - 310.7' - Massive galena zone with heavy sphalerite and pyrite Pyrite - 10% Bottom contact at 70° to core axis and goes right into jigsaw breccia				
			310.7' - 315' - Banded dolomite				
315.0	324.0	Breccia	Breccia - jigsaw fabric In places where bedded bedding to 80°				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			pyrite (1%) and coarse galena and sphalerite in sparry dolomite			
			319' - 324' - Same as above Bedding at 70° to core axis		10	
			324' - 329' - Not as strong of breccia as above Bedding at 70° to core axis Infilling dolomite veins in places with pyrite lining walls One pyrite vein (1") at 30° to core axis Occasional stylolite			
			329' - 334' - Same as above Bedding at 70° to core axis Few blebs of pyrite 1-2% Breccia in places Occasional coarse galena in sparry white dolomite matrix			
			334' - 339' - Sparry white dolomite vein infilling with pyrite lining walls for first 1' Breccia - moderate for rest of way Bleb of sparry dolomite with stylolites on contacts with banded dolomites Minor honey colored sphalerite			
			339' - 344' - Banded dolomite at 55° to core axis Minor sphalerite Banded dolomites to 352' - bedding at 70°			
352.0	357.0	Jigsaw Breccia	Jigsaw breccia - fairly large fragments (1" - 1.5") White dolomite in matrix Minor pyrite and sphalerite (1%) Bedding at 65° but could be upset			
			358' - Banded dolomites at 75° 363' - 65° 368' - 65° 371' - 65° 378' - 70°			
			363' - 368' - Banded with narrow pyrite bands at 65° (opposite bedding) Minor sphalerite and galena - coarse in vuggy sparry dolomite		5-8	
			368' - 370.5' - Poorly banded dolomite at 58° Dolomite veinlets cross-cutting bedding Minor sphalerite and pyrite in some At least 3 sets of dolomite filled fractures		5	
370.7	382.8	Breccia	Jigsaw breccia - not strong with pyrite and sphalerite in bands and pods Pyrite 8% One oval shaped sulphide infilling goes [illegible] (stringer) - banded sphalerite - pyrite Minor galena			

DRILL HOLE NO. 6 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 8

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			373' - 374' - Weak breccia or fracture area - vuggy sparry dolomite Pyrite and sphalerite in hazy matrix - offset by microfaults in places Pyrite - 25%			
			374' - 377' - Jigsaw breccia White dolomite infilling Angular fragments averaging .25" - .5" in size Pyrite - 6-8%			
			377' - 380' - Weak breccia banding offset by high angle microfaults Bedding at 75° Minor sphalerite and galena (< 1%)			
			380.0' - 382.8' - Same as above Fragments have undergone little attrition - strong fracture zone Banding at 70° to core axis One prominent pyrite-minor sphalerite-sparry white dolomite vein running parallel to core axis Infilling Coarse sphalerite in places i.e. 382' Breccia -"vein" at 20° to core axis - cutting bedding		15	
			382.8' - 383.6' - Pyrite-sphalerite-sparry dolomite infilling running (15" wide) sub-parallel to core axis Fine galena also Pyrite 25%			3:1
			383.6' - 388' - Banded dolomite at 75° to core axis Stringer (.25") of sparry dolomite-sphalerite-pyrite-sparry dolomite at 10° to core axis One narrow veinlet of white dolomite parallel to bedding Pyrite - 1%		10	5:1
			388' - 389.6' - Banded dolomite at 70° to core axis Minor sphalerite		5	
			389.6' - 390.8' - Area of sulphide infilling Wavy bands of pyrite and sphalerite Some offset with abundant sparry dolomite Pyrite 10% Vuggy in places with coarse sphalerite and galena			
			390.8' - 395.8' - Banded dolomite at 70° to core axis Well fractured and infilled with sparry dolomite in places Minor coarse galena, - 1-2%			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			Banding here at 40° to core axis			
			402.7' - 407.7' - Banded dolomites at 65° to core axis			
			Minor galena and pyrite Poor bedding			
			413' - 418' - Banded dolomites at 45° to core axis Hazy		10	
			dolomite vein			
			418' - 423' - Banded dolomites at 50° to core axis One ½"		10	
			wide sphalerite stringer at 10° to core axis infilling coarse			
			white dolomite in center Bedding 427' - 70° 432' - 80° 437' -			
			80° Small hazy breccia at 434' - conformable to bedding?			
			437' - 443' - quite massive speckled dolomite			
			427' - 432' - Rep sample of banded dolomite - minor galena		5	
			in sparry dolomite			
			442' - 447' - Rep sample of banded dolomite Numerous		10	
			dolomite filled fractures Minor galena and chalcopyrite			
			447' - 452.0' - Banded dolomites at 65° to core axis		5	
			Sphalerite-sparry dolomite veinlet at 20° to core axis (1/16" wide)			
			minor galena			
			452.0' - 457.0' - Banded dolomites at 70° to core axis Minor		5	
			pyrite and sphalerite Quite massive in places			
			457.0' - 459.6' - Banded dolomites at 80° - poor Minor		5	
			pyrite and sphalerite in dolomite filled fractures			
			459.6' - 461.0' - Infilling sulphide zone Pyrite-sphalerite		10	
			galena in sparry dolomite Pyrite - 12% Galena cubes surrounded			
			by sphalerite			
			461' - 466' - Banded dolomite at 60° - poor quite massive			
			breccia like areas well fractured - white dolomite infilling			
			Pyrite-sphalerite-sparry dolomite veinlet at 10° to core axis			
			466' - 470' - Banded dolomite at 76° coarse galena and			
			chalcopyrite with minor sphalerite in places			

DRILL HOLE NO. 6 | CO - ORDINATES | ANGLE | DIRECTION | PAGE TO

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			470' - 470.5' - Sparry dolomite vein with dolomite isolation band dolomite fragments Pyrite - 15%				3:1
			470.5' - 472' - Same as above some coarse galena in vuggy sparry dolomite		15		
			472' - 473' - Massive grey dolomite dark grey		2		
			473' - 475' - Grey-black massive dolomite - highly fractured or breccia, some stylolites between fragments Bedding at 80° to core axis poor bedding 478' - 78° 483' - 75° 488' - 65°		10		
489.0	495.3	"Hazy" Breccia	Hazy breccia - minor galena observed in sparry white dolomite				
			493' - 495.3' - Hazy like breccia for first 1' and then massive grey dense dolomite Minor sphalerite associated with white dolomite		5-8		
			495.3' - 497.3' - Massive dark grey dolomite Sphalerite dolomite stringers along core Coarse galena in vuggy sparry dolomite		10		
			497.3' - 499.8' - Same as above except pyrite-dolomite stringer parallel to core axis				
			499.8' - 504.6' - Bedding at 60° to core axis Rock massive grey dolomite		5		
			504.6' - 509.7' - Hazy dolomite breccia - minor galena - bedding very erratic		15		
			509.7' - 511.1' - Grey hazy breccia with pyrite-sphalerite infilling bedding at 70° - poor Galena - spotty Pyrite 15%				1:1
			511.1' - 517' - Banded dolomite - Minor galena in sparry dolomite Bedding at 65° to core axis				
			Bedding 518' - 65° 523' - 65° 528' - 45° 533'				
			517' - 523' - Banded dolomites one pyrite-dolomite vein at 517.5' at 65° to core axis		10		

DRILL HOLE NO. 6 | CO - ORDINATES | ANGLE | DIRECTION |

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

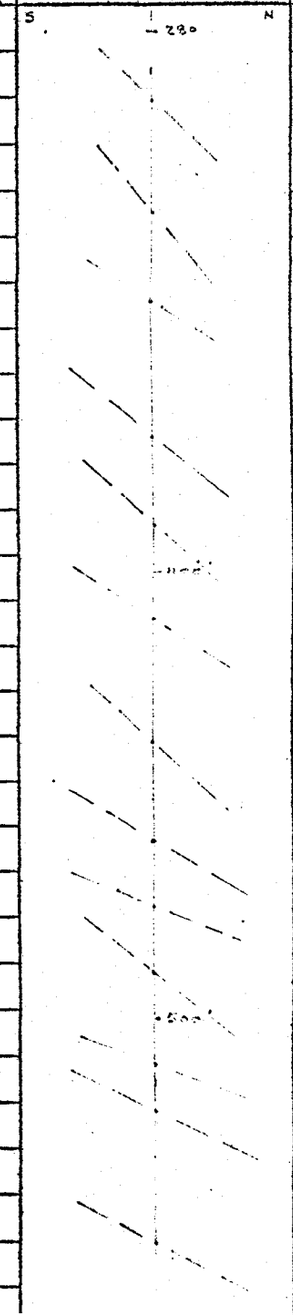
From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			523' - 528' - same as above sparry dolomite at 528' very vuggy in places coarse galena and sphalerite			
			528' - 533' - same as above			
			538' END OF HOLE*			

DRILL HOLE NO. 8 | CO-ORDINATES 47+435E 50+488N | ANGLE -50° | DIRECTION 152° | 100' - 67°? 400' - 41° 578' - 43° | PAGE 1

PROPERTY OG | DEPTH 597' | CORE SIZE BQ | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	Pyrite Ratio
0.0	42.0	Overburden	Broken rock down to 42' - massive clean dolomite and cherty dolomite boulders 38' - clean dolomite - marble			S 0 N	
42.0	135.0	Grey Cherty Dolomite	Very massive, very hard, fine grained dolomite - hard due to chert? but too fine grained to tell. Numerous micofractures throughout rock, some infilled with white dolomite and "red" carbonate some clean calcite in vugs Pyrite 1% throughout rock				
			42' - 47' - grey dolomite with pyrite in stringers - 2-3% Quartz filling veins and veinlets throughout Numerous small breccias infilled with re "carbonate" i.e. 58', 60', 63' -all.5 ' in size			100	28:1
			68' - 73' - representative sample with pyrite - 1-2%, very minor sphalerite (honey colored) and "bitumen"?		2		
76.0	77.0	"Hazy"breccia					
			82.7' - 88' - Minor sphalerite and black mineral - bitumen or sphalerite? and pyrite - 2% in grey dolomite Numerous veinlets (most at 40° to core axis) containing minor white dolomite and quartz with red "Carbonate" Rock has numerous hairline fractures throughout rock (i.e. 14 in 1')				22:1
			98.5' - 99.0' - Area of intense fracturing with red "carbonate" infilling 20% Very weak banding 100' at 75° to core axis			200	
			112' - 122' - Rock is extremely fractured with hairline fractures infilled with red carbonate - rhodocrosite"				
			112' - 117' - Same as above but 1' section of intense red staining				
			117' - 118.4' - Same as above				
			118.4' - 119.7' - Red carbonate vein parallel to core axis				
135.0	155.0	Banded Dolomite	Weak banding 135' - 70° 140' - 50° 145' - 60°			280	

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			130' - 131.5' - Pink-red carbonate band			
			133.2' - 135.5' - Massive dolomite with pyrite stringers			
			running through chert observed Pyrite - 5% Hazy dolomite			
			surrounding fragments in places			
			138.9' - 139.9' - Hazy breccia with pyrite and red carbonate		2	
			Pyrite - 5% minor sphalerite			
155.0	158.0	Jigsaw				
		Breccia	Breccia jigsaw and hazy - white dolomite in matrix for first .3'		2	
			red carbonate in the rest Minor galena and pyrite			
			Bedding at 155' - 60° 160' - 50°			
158.0	163.0	Grey Dolomite	Quite massive grey dolomite - minor pyrite - 1-2%			
			167' - 167.6' - Small barren jigsaw breccia, 169' - red		15	
			carbonate pod			
			171' - 172.7' - Jigsaw breccia white dolomite in matrix		10-15	
			minor pyrite - 3% Bedding 183' - 70° 179' - 180' - wavy red-			
			carbonate - habit same as infilling sphalerite			
187.0	190.7	Breccia	Hazy breccia - large 1.5" fragments			
			190.1' - 190.7' - Jigsaw breccia - pyrite - 1-2% Sparry			
			dolomite matrix			
190.7	206.0	Grey Dolomite	Grey moderately hard dolomite minor pyrite and very minor		5	
			sphalerite (honey colored) in white dolomite			
			203' - Bedding at 55°			
			202' - 206' - Weakly banded dolomite - still fairly hard -		3	
			jigsaw breccia for first .4' - chert fragments at 202.7' - minor			
			pyrite - 3%			
206	208.5	Breccia	Strong breccia - fairly small angular fragments - .5" Pyrite			
			throughout the dolomite matrix Pyrite - 10% Top contact at 35°			
			to core axis, bottom at 10° Bedding at 212' - 57°			



DRILL HOLE NO. 8 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 3

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
208.5	234.0	Cherty Dolomite	Weakly banded dolomite, cherty in places			
			218' - 220' - abundant chert in bands (not parallel to bedding)			
			223' - bedding at 35° to core axis 228.2' - chert band at 50° to core axis - gives light bluish color to rocks Siderite? at 227' 2" wide breccia band at 236.5' Bedding at 231' - 60° to core axis - very faint			
			229' - 234' - grey hard dolomite - pyrite in veinlets of white dolomite occasional chert band Pyrite 2-3% Minor coarse sphalerite in sparry white dolomite (232') Clear quartz infilling vugs		5	
234.0	248.2	Breccia	Breccia - jigsaw - pyrite 3-5%, minor coarse sphalerite Brown and pink carbonate 235' - 238.5' - white sparry dolomite matrix and brown carbonate siderite			
			239' - 244' - Same as above - some coarse honey colored sphalerite			
			247' - Weak banding at 60° to core axis			
			244' - 248.2' - Same as above			
			249' - Cherty dolomite - some of the chert has been fragmented rock darker in color in this area solid black chert in places very minor galena 253' - 258' - pyrite and minor galena in black chert rock			
248.2	262.5	Weakly banded cherty dolomite	- Quite massive but slightly fragmented, dark grey fine grained, minor infilling with dolomite and pyrite (2%)			22:1
262.5	267.0	Jigsaw Breccia	still cherty but lighter in color (due to resorbed carbonate)			
			sparry dolomite matrix with pyrite (5%) and minor sphalerite			
			amount of brecciation, sparry dolomite, and fragment size quite			

DRILL HOLE NO. 8 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 4

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			variable				
267.0	276.0	Cherty					
		Dolomite	- Weakly banded, dark, minor brecciation with pyrite (5%) and		2		
			dolomite infilling, very fine grained, trace sphalerite				
			273.0' - 276.5' - minor rhodocrosite?				
276.0	277.8	Jigsaw					6:1
		Breccia	"open" infilled with pyrite (2%) and dolomite - sharp fragment-		25		
			matrix contact, some sparry dolomite fragments but mainly cherty				
			dolomite, pyrite is coarse grained				
277.8	279.8	Cherty					
		Dolomite	same as previous cherty dolomite, no bedding seen, dark, massive		15		
			sparry dolomite				
279.8	282.7	Jigsaw					23:1
		Breccia	- chert fragments with coarse pyrite matrix, minor honey colored				
			sphalerite 30% pyrite sharp-fragment - matrix contact				
282.7	285.5	Cherty					
		Dolomite	massive slightly brecciated cherty dolomite minor rhodocrosite in				
			fractures, 2% pyrite				
285.5	287.0	Jigsaw Breccia	same as 279.8 - 282.7 matrix mainly pyrite (2%) minor				1:1
			sphalerite				
287.0	290.0	"Hazy"					
		Breccia	Resorbed "hazy" breccia with sulphide deposition as last stage,				
			pyrite (5%) sphalerite outline of fragments obliterated, few vugs				
			with sphalerite crystals and sparry dolomite				
290.0	295.0	Cherty					
		Dolomite	- faintly brecciated in places, slightly banded, black, fine grained				
			pyrite (2%) trace sphalerite				
295.0	302.0	Brecciated					
		cherty dolomite	- black fine grained matrix also cherty 4% pyrite (fine stringers)				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
302.0	304.0		Slightly banded cherty dolomite - black fine grained, slightly fractured, infilled with pyrite and sparry dolomite, also chert			
304.0	315.0	Cherty Dolomite	Weakly brecciated cherty dolomite (jigsaw type) main infilling sparry dolomite 312' - 313' - Pink mineral (rhodocrosite) in matrix, also pyrite (1%)		5	
315.0	328.0	Cherty Dolomite	- slightly brecciated in places, mottled texture from 316.0' - 316.5' (probably resorbed fragments) minor pyrite, traces of sphalerite and rhodocrosite, both chert and sparry dolomite matrix		5	
328.0	335.7	Breccia	Brecciated chert, all fragments cherty, range from light grey to black, sharp borders, minor siderite? (1%) and pyrite (3%)			
335.7	336.1		Band of siderite? unconformable with cherty dolomite, it is fractured and filled with dolomite same as cherty material disseminated pyrite			
336.1	340.9	Cherty Dolomite	Banded cherty dolomite minor fracture infilled with sparry dolomite, pyrite and rhodocrosite			
340.9	341.6	Jigsaw Breccia	chert fragments with sparry dolomite pyrite (25%) minor sphalerite, rhodocrosite, and siderite, sharp boundaries		15	
341.6	344.3	Cherty Dolomite	Massive cherty dolomite with brecciated sections - sparry dolomite pyrite (4%) minor rhodocrosite and sphalerite		5	
344.3	346.8	Jigsaw Breccia	chert fragments, infilled with siderite chert, pyrite (4%) rhodochrosite (½%) and trace sphalerite - chert fragments are highly fractured			22-1

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
346.8	350.3	"Hazy" Breccia	Resorbed "hazy" breccia (mottled texture) few small vugs with quartz crystals, 2stages of brecciation, 1st stage almost obliterated second stage sharp boundaries with sparry carbonate and quartz infilling, pyrite (5%) blebs of sphalerite				25:1
350.3	355.0	Jigsaw Breccia	with iron carbonate both as fragments and matrix - fragments still quite cherty, infilled with quartz and sparry dolomite, amount and intensity of brecciation varies throughout, finely disseminated pyrite in matrix				
355.0	377.5	Breccia	Brecciated and highly fractured cherty dolomite, fine grained, dense, infilling also cherty, overall dark grey appearance, pyrite (3%) in fractures, trace of sphalerite 371' - 372.5' - Siderite - rich				
377.0	392.0		Siderite? - rich rock, probably resorbed breccia, now 60% siderite, 2nd stage brecciation locally filled with sparry carbonate and pyrite				
392.0	417.0	Cherty Dolomite	Slightly brecciated cherty dolomite, dark grey, fine grained infilled with quartz and sparry dolomite, some fracture zoned carbonate on outside then quartz, also siderite, chert in fine fractures, odd bleb of rhodochrosite minor pyrite, traces of sphalerite 397.5' - 398.0' - Pyrite - rich section 398.0' - 399.2' - Siderite-rich section				
417.0	433.0	Breccia	Chert breccia, jigsaw pattern, generally tight cherty matrix darker than fragments some open space filling with quartz and dolomite, slightly vuggy some siderite and pyrite (2%) smeared in fractures 420.5' - stringer of pyrite .25" wide almost parallel to				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			core axis			
			424.5' - 425.5' - Heavily brecciated section 50% of fragments are siderite-rich, matrix in light grey chert, laced with pyrite (5%)			
433.0	451.5	Cherty Dolomite	Slightly brecciated massive cherty dolomite light to dark grey, dense, quite massive, fine grained, numerous hairline fractures filled with quartz? some relict bedding?			
			433.5' - 435' - Vuggy section, slightly brecciated vugs filled with quartz and carbonate, also appreciable pyrite disseminated in matrix., trace sphalerite			
			435.0' - 438.0' - Massive fine grained dense cherty dolomite			
			438.0' - 440.0' - Slight breccia, texture almost obliterated			
			440.0' - 443.0' - small chert frags (1/8 - ½") in cherty matrix minor siderite and pyrite			
			443.0' - 447.0' - massive chert slightly brecciated, quartz infilling			
			447.0' - 451.5' - Massive cherty dolomite quartz filled fractures pyrite-rich stringer at 450' minor rhodochrosite			
451.5	454.0	Fault Zone	Ground-up breccia - maybe fault zone some dark gouge? material			
454.0	457.0	Breccia	Pyrite-rich cherty breccia - light and dark chert fragments also siderite-rich ones 40% pyrite			
457.0	479.0	Banded Dolomite	Slightly banded dolomite, some breccia sections with siderite or pyrite-rich matrix			
			457.0' - 458.0' - fair banding			
			458.0' - 459.5' - Pyrite-rich breccia same as 454-457			
			462' - 479.0' - Banded dolomite with brecciated sections, light to dark grey, fine grained, generally distinct bands when not brecciated			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			463.2' - 465' - Breccia with banded fragments, where breccia is tight infilled with siderite, when more open dominant infilling is pyrite, secondly dolomite and minor sphalerite, some small vugs			
			465.0'- 469' - Banded with siderite in hairline fractures			
			469.0' - 475' - Breccia same as above			
479.0	482.0	Fault Zone	Ground-up breccia, may be fault zone dolomite fragments in pyrite (40%) matrix with minor calcite and quartz (5%) No lead or zinc seen			
482.0	597.0	Banded Dolomite	Banded dolomite light to dark grey, brecciated in sections, fine grained, generally distinct banding, minor siderite, traces pyrite rhodochrosite, hairline fractures filled with sparry dolomite and quartz			
			483.0' - 484' - Brecciated with siderite infilling			
			510.0' - 510.8 - Carbonate vein with 35° core angle predominantly dolomite with siderite, rhodochrosite and dissiminated pyrite			
from	500.0	on	Banded dolomite is very uniform alternating light and dark laminae, constant core angles hairline fractures filled with dolomite and siderite			
			551' - 555' - Fractures are wider and now contain some pyrite and odd blebs of sphalerite			
			555' - 556' - Brecciated section, jigsaw type infilling predominantly sparry dolomite, minor pyrite, traces of siderite and sphalerite			
			556' - 565' - same as 551' - 555'			
			579' - 592' - Dolomite still banded but grain size slightly coarser, fracturing slightly more intense minor rhodochrosite			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			594' - Minor sphalerite in pyrite and dolomite stringer ¼" wide			
			597.0' - end of hole in banded dolomite*			

DRILL HOLE NO. 10 CO - ORDINATES 51+203E 50+331N ANGLE -50° DIRECTION 152° PAGE 1

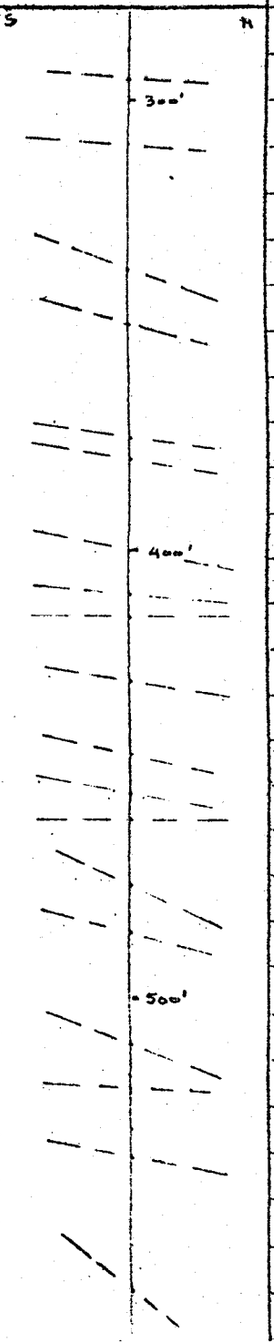
PROPERTY OG DEPTH 688' CORE SIZE BQ ACID TESTS (CORRECTED) 400' - 44° 600' - 46° LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	Pyr: B..
0	67.0	Overburden	52.0' - 63.0' - pebbles of dark grey massive dolomite			S O N	
			63.0' - 67.0' - pebbles of rusty light grey dolomite				
67.0	71.0	Fault Zone?	- poor core recovery (sample takena) looks very similiar to fault				
			zones found in DDH #9 instead of light green it is light brown,				
			otherwise fine grained soft (hardness of 2) shows zoned alteration				
			by dark green material around fractures, parts are quite rusty,				
			very fine grained, massive looking except for alteration				
71.0	85.0	Hazy Breccia	- grey dolomite relict fragments can be seen throughout most of				
			this section, some fracturing (often hairline) filled with rusty				
			stained sparry dolomite, minor sulphide		10		
85.0	88.0	Grey Dolomite	- faintly banded, fine grained dolomite with rusty stained carbonate				
			in coarser fractures, also random hairline fractures filled with				
			dark material				
88.0	95.0	Hazy Breccia	- similiar to before, light grey, fine grained, brecciation is				
			usually faint, small stringer of galena (1/8" wide at 90.0)				
			88.0' - 91.0' - infilling in fractures is rusty carbonate				
			91.0' - 95.0' - infilling partially by sulphides - pyrite and				
			sparry dolomite are found in wider fractures, dolomite is on the				
			inside				
95.0	112.0	Grey Dolomite	- fine grained, faintly banded some random sparry dolomite fractures				
			and pyrite stringers - also quartz in coarser fractures, trace		5		
			sphalerite - some sections rusty and poor core recovery				
			e.g. 101.0 - 103.0 106.0 - 109.0				
112.0	146.5	Jigsaw					
		Breccia	(mainly jigsaw type) fragments are dolomite and generally distinct,				
			probably brecciated more than one time, matrix of sparry dolomite,				
			pyrite - 4% minor bitumen, sphalerite		8		
			- last stage hairline fracturing filled with sparry dolomite				

DRILL HOLE NO. TO CO - ORDINATES ANGLE DIRECTION PAGE 2

PROPERTY DEPTH CORE SIZE ACID TESTS (CORRECTED) LOGGED BY

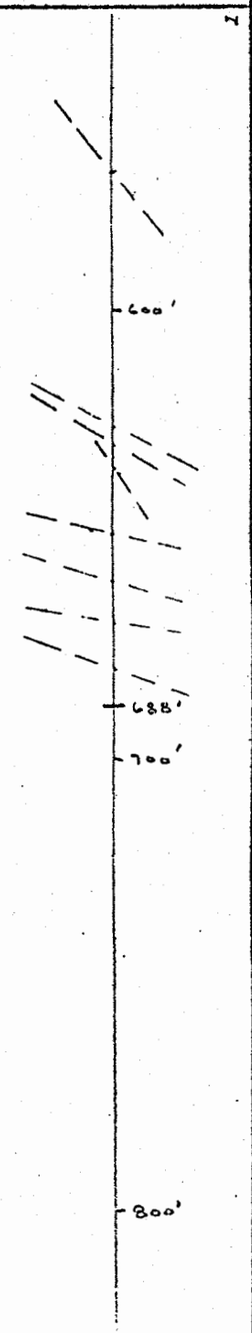
From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			117.0' - 123.0' - still breccia but not as strong, some massive sections light grey fine grained, fragments generally distinct some dark fragments, matrix usually sparry dolomite with ring or border of pyrite, odd late stringer of galena		4	
			123.0' - 126.0' - well brecciated, more sulphide than previous section, also bitumen and dark carbonate in matrix, parts are hazy minor sphalerite and galena			
			126.0' - 127.0' - some fragments are dark carbonate, increase in sphalerite content, also lead			
			127.0' - 131.2' - good sphalerite disseminated in matrix , infilling makes up 40% of rock rest of matrix sparry dolomite and dark fine grain carbonate, jigsaw type breccia		7	
			131.2' - 135.3' - lead and sphalerite content drop off considerably, increase in pyrite (12%), some vugs in coarser calcite veins, also galena associated with these veins, some fragments have zoned alteration		10	
			135.3' - 140.0' - increase in dark fragments, decrease in sulphides (2%) minor quartz in matrix		4	
			140.0' - 142.0' - increase in pyrite again (50%) pyrite zoned around grey dolomite fragments, no other sulphide seen			
			142.0' - 146.5' - Hazy breccia, overall buff color, minor sulphide, 15 - 25% carbonate infilling		20	
146.5	155.0	Banded Dolomite	- good core angle, fine grained dark grey to black laminae, some section brecciated slightly (jigsaw) matrix predominantly sparry dolomite, minor pyrite, trace sphalerite, lots of small scale shearing evident on banding		6	
			150.0' - 152.0' - brecciated section parallel to core axis, almost right angles to bedding			



DRILL HOLE NO. 10 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 3

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			153.0' - slickensided shear 28° core angle rake of slickensides 69°			
155.0	157.0	Breccia	- back in grey dolomite fragments, no banded material, fragments are small (up to ½") and have been slightly altered - matrix sparry dolomite with minor pyrite and some fine grained carbonate? material		15	
157.0	181.0	Grey Dolomite	- generally light grey, fine grained massive dolomite			
			157.0' - 159.0' - numerous hairline fractures filled with dark carbonate material		TR	
			159.0' - 163.5' - possibly relict breccia, quite massive now, some hairline fractures filled with siderite? also sparry dolomite		3	
			163.5' - 167.0' - grey dolomite breccia, matrix dark carbonate sparry dolomite and minor pyrite		4	
			167.0' - 167.5' - pebbles			
			167.5' - 170.5' - massive dolomite			20:1
			170.5' - 174.0' - jigsaw breccia in grey dolomite somewhat hazy 5% pyrite		10	
			174.0' - 181.0' - generally massive grey dolomite but some brecciated sections, infilling dark carbonate, pyrite 3% and sparry dolomite		15	9:1
181.0	194.5	Jigsaw Breccia	- light grey fine grained, jigsaw breccia infilled by sparry dolomite, pyrite (6%) and minor sphalerite and bitumen? - fragments massive - increase in brecciation from 193.5' - 194.5' also a few dark fragments		10	
194.5	242.5	Breccia	Breccia (argillaceous) - highly brecciated 45% infilling, fragments up to 2" usually much smaller, infilling is sparry dolomite pyrite 10% sphalerite - galena - jigsaw breccia (banding generally		30	



DRILL HOLE NO. 10 | CO-ORDINATES | ANGLE | DIRECTION | PAGE 4

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			constant)				
			198.0' - 203.0' - still breccia but not highly fragmented				
			almost all infilling - sparry dolomite		15		
			203.0' - 206.5' - better breccia jigsaw type 10% pyrite,		25		7:1
			sphalerite, minor galena all dark banded fragments				
			206.5' - 209.8' - slightly brecciated, light to dark grey		15		3:1
			dolomite, infilling contains 4% pyrite, minor galena, trace				
			sphalerite				
			209.8' - 210.5' - highly brecciated 60% infilling 20% pyrite,		20		1:1
			sphalerite, galena				
			210.5' - 212.0' - still highly brecciated, some light grey				
			fragments, matrix mainly dark (argillaceous) infilling, minor				
			pyrite , sphalerite, trace galena		5		
			212.0' - 214.8' - less intense brecciation, 3% pyrite 1%		20		
			sphalerite				
			214.8' - 219.2' - same as 210.5 - 212.0', clear fragment				5:1
			outlines, generally small fragments average 3/8" in diameter, 5%				
			pyrite, trace galena and sphalerite from 217.5' - 219.2' very				
			argillaceous, poor core recovery, intense brecciation - may be		10		
			fault zone?				
			219.2' - 221.2' - intense breccia 40% of fragments are dark				
			to black dolomite, rest are light grey, infilling is sparry dolomite				
			15%, dark argillaceous material 10% pyrite light colored sphalerite		15		
			$\frac{1}{2}$%, trace galena and $\frac{1}{2}$% chalcopyrite				
			221.2' - 224.0' - near solid sulphide (70%) - some of				
			sulphide are slightly colloform				
			224.0' - 226.3' - dark dolomite breccia jigsaw type infilled		6		
			with sparry dolomite pyrite 15% sphalerite minor galena				
			226.3' - 228.5' - same as before but less pyrite (5%) more		10		

DRILL HOLE NO. 10 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 5

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			sparry dolomite, sphalerite 2% chalcopyrite			
			228.5' - 231.0' - same as before but less infilling minor		5%	
			pyrite, chalcopyrite, galena, 2 pyrite veins 1" wide with 63° core			
			angle			
			231.0' - 232.0' - massive dark grey dolomite fractures			
			infilled with sparry dolomite			
			232.0' - 232.5' - minor brecciation infilled with sparry		10	
			dolomite, 8% pyrite, sphalerite minor galena and chalcopyrite			
			232.5' - 237.6' - massive dark grey dolomite with minor		10	
			brecciation numerous hairline fractures filled with sparry dolomite,			
			trace of pyrite			
			237.6' - 238.8' - same rock type, small breccia infilling			
			sparry dolomite, pyrite 10% trace sphalerite		15	
			238.8' - 242.5' - slightly brecciated banded dolomite - parts			
			very argillaceous, jigsaw type breccia, numerous hairline fractures,			
			larger infillings dominanted by pyrite		15	
242.5	315.0	Banded				
		Dolomite	242.5' - 243.3' - Banded dolomite with crosscutting vein			
			- dolomite is well banded light to dark grey, vein is parallel to			
			core axis (picture at right) sphalerite			
			243.3' - 251.4' - well banded dolomite minor fracturing		3	
			infilled with sparry dolomite no pyrite, trace of sphalerite			
			251.4' - 255.5' - brecciated section, jigsaw type - well			
			banded light to dark grey dolomite - infilling makes up 65% of			
			rock, dominantly pyrite (40%) sphalerite minor galena, some of		15	
			sulphide is zoned but faint, some of sphalerite is very light			
			colored (pale brown) - some places sulphide cross-cuts dolomite			
			other places reverse is true			
			255.5' - 260.8' - well banded dolomite minor fracturing		10	

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			minor pyrite			
			260.8' - 266.2' - well banded dolomite with minor brecciation infilled by sparry dolomite and sulphide parallel to core axis (sample taken) pyrite 10% , sphalerite - Pb estimates are probably too low as the galena is fine grained hard to identify on a cut surface, can be seen better on broken surface			
			266.2' - 273.5' - well banded light to dark grey dolomite (argillaceous) good core angle, some brecciation infilled with sparry dolomite trace of sphalerite 1% galena		10	
			273.5' - 277.0' - same as above with slight brecciation infilled with sparry dolomite		10	
277.0	282.0	Breccia	- intense brecciation, large well banded fragments infilling dominantly sparry dolomite with some pyrite 3% , sphalerite and minor galena - breccia is jigsaw type, sulphides usually as blebs or stringers		50	
			279.2' - 282.0' - still brecciated but infilling all sparry dolomite minor pyrite		25	
			282.0' - 288.0' - Banded dolomite good core angle			
			288.0' - 289.0' - Brecciated section infilled with sparry dolomite and sphalerite		15	
			289.0' - 291.6' - less brecciation still banded dolomite sphalerite, galena, pyrite - 3%		10	1:1
			291.6' - 292.3' - zoned sulphide stringers 54^{o} core angle zoning as follows pyrite, dark sphalerite, light sphalerite, pyrite, dolomite in center later crosscut by galena vein pyrite 30% sphalerite, galena.		5	3:1
			292.3' - 293.4' - minor brecciation 5% pyrite 1½% sphalerite		5	
			293.4' - 297.0' - same with no sulphide			
					8	3:1

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			and veins of sulphide, some zoning as above 20% pyrite,			
			sphalerite, minor galena			
			298.0' - 315.0' - banded dolomite, small section brecciated,			
			infilling all sparry dolomite with very minor pyrite		10	
			- banding becoming faint - some minor galena in very narrow			
			stringers			
315.0	384.5	Grey Dolomite	- light to dark grey dolomite usually slightly brecciated or			
			well fractured, beginning to get some reddish infilling (probably			
			siderite)			
			315.0' - 316.5' - brecciated "hazy type" 35% infilling		25	3:1
			8% pyrite minor sphalerite and galena			
			316.5' - 326.0' - generally well fractured massive dolomite			
			hairline fracturing with sparry dolomite and minor siderite		4	
			326.0' - 327.0' - local intense brecciation no sulphide		25	
			327.0' - 335.0' - quite massive fractures filled with dolomite			
			and siderite (sample taken) - no sulphide		7	
335	336.5	Hazy Breccia	- intense brecciation "hazy" small indefinite fragments			7:1
			15% pyrite, sphalerite, galena - sulphide is almost disseminated		15	
			due to small obliterated fragments			
			336.5' - 340' - dark slightly banded dolomite hairline			
			fractures filled with dolomite and minor pyrite		5	
			340.0' - 341.9' - same but increase in pyrite			
			341.9' - 342.3' - locally well brecciated 45% zoned			3:1
			sulphide which has been later brecciated 35% pyrite, sphalerite,		20	
			galena.			
			342.3' - 343.5' - same as 336.5' - 340.0'			
			343.5' - 345.0' - slightly lighter colored dolomite minor			
			brecciation and either small scale folding or else stromatolitic			
			trace pyrite		10	

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			345.0' - 345.9' - still stromatolitic or folded but pyrite			
			stringer parallel to foliation (averaging .75" in width)		8	
			the foliation here is parallel to core axis very minor sphalerite			
			with pyrite			
			345.9' - 352.0' - dark grey massive dolomite hairline			
			fractures filled with sparry dolomite - trace of pyrite odd thin			
			stringer of galena (tr)		4	
			352.0' - 354.3' - brecciated light grey dolomite, breccia is			
			slightly hazy, contains 35% sulphide generally as coarse veins			
			(35^{o} core angle) with zoned sphalerite and pyrite, also as		15	
			interstitial material between the fragments			
			354.3' - 356.6' - massive dark grey dolomite with hairline			
			fractures some containing galena ($\frac{1}{2}$%)		10	
356.6	361.3	Hazy Breccia	- slightly brecciated light grey dolomite "hazy breccia" infilling			
			sparry dolomite and galena		15	
			357.7' - 361.3' - slightly brecciated dark grey dolomite			
			minor sphalerite and galena in matrix		15	
			361.3' - 366.4' - dark grey massive dolomite with minor			
			fracturing containing minor pyrite and galena		5	
366.4	368.0	Breccia	366.4' - 368.0' - Hazy breccia with zoned sulphides 30%			
			sphalerite mineralization generally parallel to core axis but			
			quite erratic, tight breccia except for sulphide areas		20	
			368.0' - 375.9' - slightly banded light to dark grey dolomite			
			with slight brecciation, traces of copper, lead, and zinc in			
			fractures		10	
			375.9' - 378.3' - zoned sulphide in brecciated massive			
			dolomite some fragments are slightly hazy, 25% sulphide, sphalerite,			
			galena, trace chalcopyrite mineralization generally parallel to		20	
			core axis			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			378.3' - 382.1' - medium grey massive dolomite, some very faint banding, numerous infillings of sparry dolomite very minor sulphide		10		
			382.1' - 384.5' - grey hazy dolomite breccia with infilling by sparry dolomite, sulphides, and fine grained black material which seems to be associated with sulphide, slight colloform texture in spots pyrite 15% sphalerite		15		
384.5	474.4	Banded Dolomite	384.5' - 388.0' - banded light to dark grey dolomite, slightly brecciated and infilled with sparry dolomite and sphalerite at 387.4' carbonate vein only partially infilled with galena and chalcopyrite		10		
388.0	390.8	Breccia	brecciated dolomite "hazy texture" infilled with 15% sulphide sphalerite, galena (sample taken) good galena crystal sulphide concentrated in blebs.		20		
			390.8' - 394.0' - slightly brecciated dolomite - very minor pyrite with sparry dolomite as infilling		10		
			394.0' - 398.0' - dark grey to black dolomite breccia tight breccia with infilling of sparry dolomite, pyrite 5% minor sphalerite and galena		10		10:1
			398.0' - 399' - same as above with less brecciation and less sulphide				
			399.0' - 400.4' - same as above 15% sulphide 2% sphalerite, a few small vugs		15		
			400.4' - 402.8' - dark grey to black banded dolomite no sulphide		5		
			402.8' - 403.3' - brecciated argillaceous dolomite 10% pyrite		25		2:1
			403.3' - 407.0' - dark grey to black dolomite with minor		15		

DRILL HOLE NO. 10 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 10

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			407.0' - 411.2' - slightly brecciated banded dolomite no sulphide				
			411.2' - 413.0' - brecciated dolomite with galena vein .5" wide parallel to core axis, also minor pyrite and sphalerite - both dark and light fragments		10		
			413.0' - 415.5' - same rock type, numerous hairline fractures some with galena, also minor sphalerite - no brecciation		15		
			415.5' - 416.0' - brecciated with minor sulphides				
			416.0' - 418.0' - banded dolomite hairline fractures filled with sparry dolomite				
			418.0' - 419.0' - slightly brecciated banded dolomite 4% pyrite ½% sphalerite		15		25:1
			419.0' - 423.1' - banded dolomite, fractures infilled with sparry dolomite, quartz and minor sulphide (galena)				
			423.1' - 424.0' - same as above but brecciated, jigsaw type 3% galena 1% sphalerite				
			424.0' - 438.0' - banded dolomite light to dark grey, fine grained, some fracturing, minor sulphide in fractures				
			438.0' - 438.8' - highly brecciated section (jigsaw) 15% sulphide (in matrix) galena, sphalerite rest is sparry dolomite				
			438.0' - 474.4' - generally lightly banded light to dark grey dolomite, some small brecciated sections all jigsaw type, 1% sulphide, minor galena, pyrite and sphalerite, galena probably most abundant		4		
474.4	529.5	Breccia	474.4' - 475.0' - same rock type intense local brecciation small fragments disseminated sulphides in matrix galena 5% pyrite 3% trace sphalerite				6:1
			475.0' - 480.4' - still brecciated but not as intense, minor		15		

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			480.4' - 483.7' - same except much more pyrite in matrix				
			only traces of sphalerite and galena - 5% pyrite		10		3:1
			483.7' - 510.7' - all breccia but variable intensity, sparry				
			dolomite dominant infilling, ½ - 1% pyrite minor sphalerite and				
			galena				
			495.2' - 497.3' - 1% sphalerite ½% galena				
			510.7' - 511.5' - strong breccia 4% galena 2% pyrite				
			1% pyrite disseminated in matrix		25		
			511.5' - 517.0' - massive light grey dolomite, fracturing				
			very minor brecciation				
			517.0' - 523.0' - slight brecciation galena and pyrite in				
			stringers parallel to core axis		10		
			523.0' - 529.5 - slightly brecciation hazy texture minor				
			sulphide				
529.5	549.0	Grey Dolomite	- faintly banded light to dark grey dolomite, sparry dolomite-				
			filled fractures with minor pyrite and galena				
549.0		Jigsaw					
		Breccia	(jigsaw breccia but slightly hazy) light grey fragments		20		
			549.0' - 549.4' - 1% pyrite ½% galena				2:1
			560.0' - fragments are clearer				
			561.0' - 562.0' - core ground up (fault zone?)				
			566.1' - 567' - banded dolomite				
			567.0' - 569' - brecciated section 5% pyrite				1:1
			569.0' - 572.1 Banded dolomite				
			572.1' - 573.0' - zoned sulphide in breccia 25% pyrite				2:1
			573.0' - 580.5' - slightly brecciated 5% sulphide		20		
			580.5' - 582.9' - highly brecciated section 15% pyrite				1:1
			3% sphalerite minor galena				
			582.9' - 586.1' - brecciation somewhat tighter, increase in				

DRILL HOLE NO. 10 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 12

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	
			galena , sphalerite, 3% pyrite - almost all fragments are banded		10		
			and random orientation numerous hairline fractures filled with				
			sparry dolomite				
			586.1' - 590.2' - weak breccia, very minor sulphide				
			590.2' - 594.0' - strong breccia, slightly hazy texture				
			small fragments, disseminated sulphides ½% sphalerite				
			594.0' - 614.3' - brecciated dolomite; poor core recovery				
			in some areas, very little sulphide < 1%				
			614.3' - 615.6' - near solid sulphide in breccia - 60%				1:1
			sulphide 25% sphalerite (light to dark brown, zoned) 30% pyrite		30		
			616.4' - 616.8' - same as above				
			616.8' - 630.0' - weak to intense brecciation of light to				
			dark grey dolomite, very minor sulphide		10		
			630.0' - 633.2' - banded dolomite (light to dark grey laminae				
			633.2' - 633.5' - sparry dolomite - sulphide vein 35° core		40		
			angle, zoned sphalerite and pyrite vein 1/10" wide				
			633.5' - 634.3' - slightly banded dolomite 3% disseminated				2:1
			pyrite				
			634.3' - 634.9' - another sulphide - sparry dolomite vein				
			(may be same one as 633.2' - 633.5')				
			634.9' - 660.0' - slightly banded dolomite, sometimes				
			brecciated, parts quite dark (argillaceous) - very minor sulphides		10		
			660.0' - 676.9' - well banded dolomite light to dark grey,		5		
			trace of sulphide				
			676.9' - 677.7' - same rock type with sparry dolomite-sulphide				
			vein core angle 32° zoned sulphide pyrite, then sphalerite, slight		10		
			colloform texture, vein 1" wide 2% sphalerite over intersection				
			vein itself in probably 20% sphalerite				
			678.5' - 678.6' - same as above (may be same vein core				

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			angle 50° vein 3/4" wide other identical to above			
			678.6' - 683.0' - well banded fine grained light to dark grey dolomite			
			683.0' - 686.0' - slightly brecciated dolomite no sulphide present			
			686.0' - 688.0' - Banded dolomite			
			688.0 - END OF HOLE*			

DRILL HOLE NO. 12 | CO - ORDINATES 47+018E 49+194N | ANGLE -50° | DIRECTION 152° | PAGE 1

PROPERTY OG | DEPTH 587' | CORE SIZE BQ | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles	Pyr: B.M.
						S 0° N	
0.0	25.0	Overburden					
25.0	28.2	Grey Dolomite	Fine grained, light cream grey colored, in places grades into a chert, dolomite angular - sub angular "grit" - poorly sorted - dolomitic matrix (reaction with acid) i.e. 28.2' - 30.4' - grades into dolomite to bedding which is at 80° to core axis Occasional small fragments of jasper? Specimen taken.				
			25.0' - 27.0' - mottled appearing dolomite tending to cream grey color Specimen taken Core recovery - 55%		1		
			27.0' - 28.2' - massive pyrite band - oxidized in places - gossan throughout Pyrite - 70%			100'	
28.2	30.4	Chert Conglomerate	- "Grit" or chert conglomerate - fragments aligned with bedding, most fragments rectangular in shape Some iron stained stylolites at 80° to core axis 1% pyrite disseminated massive looking rock				
			30.4' - 32.2' - massive pyrite band, very irregular contact but appears to be 10 - 30° to core axis and parallel to it. 2" wide band at bottom at 80° to core axis All part of same band that is running parallel to core axis Pyrite - 50 - 60%				
			32.2' - 33.0' - iron stained dolomite, broken up 65% recovery, mottled appearance in places Minor pyrite - 2-5%			200'	9:1
			33.0' - 38.0' - massive pyrite zone, fragmented grey dolomite in places surrounded by pyrite Fe staining throughout Zone seems to be running almost parallel to core axis (last 2' definitely is) massive for 2.0' - Gossany material - boxwork structure in places Zone showing evidence of open space filling in places i.e. - banding of pyrite Minor sparry white carbonate in places Pyrite 75 - 85%		2-3		
			38.0' - 43.0' - grey dolomite, pyrite bands at 10° and 5° to core axis and iron staining throughout Pyrite 5-10%			280'	

DRILL HOLE NO. 12 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 2

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			43.0' - 44.8' - grey dolomite same as above Iron staining still			300'
			44.8' - 46.0' - massive pyrite band, contact? at 10° to core axis pyrite - 90% - 95% Some minor grey dolomite fragments in it porous - leached appearance			
46.0	83.0	Breccia	Breccia - Pyrite 50% - large fragments of grey dolomite surrounded by pyrite soft white mineral in with pyrite some places does not appear to react with acid Iron staining throughout breccia appears to be parallel to core axis in places			
			53.0' - 58.0' - Similiar to above but not as heavy pyrite Pyrite 12-15% Iron staining throughout			
			58.0' - 63.0' - same as above Pyrite 10-12% Broken up in places			400'
			63.0' - 68.0' - same as above, breccia "hazy" in places			
			68.0' - 73.0' - grey dolomite breccia, Iron staining and pyrite in matrix Pyrite 10-20%			
			73.0' - 78.0' - same as above Pyrite 25-30%			Weak
			78.0' - 83.0' - Broken up grey dolomite Pyrite - 5%			20:1
			83.0' - 88.0' - Broken grey dolomite - cherty in places Pyrite - 5%			
			88.0' - 93.0' - massive grey dolomite - minor iron staining on fracture surfaces Pyrite - 5% in fractures and veinlets			500'
			93.0' - 98.0' - same as above but some sections have pyrite sparry white dolomite infilled breccia Pyrite - 5-8%			
			98.0' - 100' - Pyrite crumbly band for 1' of this section pyrite - fairly heavy, in fractures throughout Pyrite - 40%			
			100' - 103.2' - grey broken up dolomite, pyrite throughout - 10-15%			
			103.2' - 107' - crushed and broken rock, abundant crumbly			

DRILL HOLE NO. 12 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 3

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			pyrite Iron stain on some fractures. Pyrite - 15-20%			
			107' - 108.3' - Heavy pyrite zone - breccia Rock vuggy in places Pyrite 33%			
			108.3' - 111.7' - Well fractured grey dolomite Pyrite -5%			
111.7	112.0	Fault Zone	111.7' - 112.0' - Fault zone - 1.5" of gouge Iron staining along fractures Pyrite - 15%-25%			
			112.0' - 117' - Massive grey dolomite - some iron staining along fractures - gouge like material and broken rock from 116' - 117' - possible fault Pyrite - 5%		2	
			117' - 122.0' - same as above - broken rock - 80% recovery Iron staining along fractures			
			122' - 126' - Iron stained grey dolomite - broken rock			
			126' - 130.6' - Grey broken up dolomite Iron staining along fractures Minor breccia and pyrite			
			130.6' - 135.0' - Very heavy iron staining, gougy in places, highly fractured in places 80% recovery			
			135' - 138' - grey dolomite, Iron staining along fractures fairly hard rock, probably some chert			
			138' - 143' - broken and leaded dolomite - Iron staining throughout, fine pyrite throughout			
			143' - 148' - same as above 75% recovery			
			148' - 153' - same as above			
			153' - 156' - same as above			
156	200	Banded Grey				
		Dolomites	- Grey fine grained very weakly banded dolomites			
			156' - 161' - Grey dolomites - occasional iron stained fracture, minor pyrite - 2-3%			
167	172'	Breccia	Moderate breccia, angular fragments 1/3" in average size, white dolomite matrix, minor pyrite			

DRILL HOLE NO. 12 | CO - ORDINATES | ANGLE | DIRECTION | PAGE 4

PROPERTY | DEPTH | CORE SIZE | ACID TESTS (CORRECTED) | LOGGED BY

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			182' - 183.5' - Breccia, with cream-white dolomite matrix no sulphides Pyrite - 1%			
			189.0' - 189.2' - Breccia - jigsaw type with red carbonate matrix contact at 80° to core axis			
			194.4' - one hairline fracture with one speck of galena			
200	212	Grey Dolomite	- Light grey, fine grained, well fractured dolomite, some red carbonate infilling fractures Very minor pyrite - 1.0%			
212	262	Banded				
		Dolomites	- Weakly banded grey dolomites			
			228' - 233' - Banded dolomite with minor pyrite - 1-2%			
			248' - 253' - Banded grey dolomite, minor bitumen with sparry dolomite Pyrite - 1-2% along fracture surfaces and dolomite veinlets		2-3	
			253' - 258' - same as above			
			258' - 262' - Broken up dolomite, iron stain on some fractures			
			262' - 267' - Broken and well fractured grey dolomite, iron stain along some fractures Pyrite -5%			
262		Grey Dolomite	Grey dolomite, cherty fragments in places			
			267' - 272' - same as above, hazy breccia in places			
			272' - 277' - Broken up grey dolomite, light brown pastel yellow stain on fractures			
			277' - 282' - same as above			
			282' - 297' - grey dolomite, fine grained, barren, minor hazy breccia		2-3	
			297' - 302' - Hazy breccia and grey dolomite, broken up core 75 - 80% recovery Occasional sparry dolomite veinlet at 45° to core axis			
			298' - Banded dolomite for 1' bedding at 10-70° to core axis - probably upset			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
302'	305'	Fault Zone	- 40% recovery - Fault Zone - gouge, crumbly pyrite			
			305' - 310' - Highly broken and fractured grey dolomite, brownish yellow stain throughout, rock has leached appearance			
			310' - 315' - same as above			
			315' - 320' - Well fractured and broken grey dolomite, cherty fragments throughout, minor pyrite			
			320' - 325' - Well fractured grey dolomite, minor breccia, no sulphides observed			
			325' - 330' - same as above except Pyrite 3% Breccia with white dolomite infilling with minor quartz, some red carbonate also			
			330' - 332' - fairly heavy crumbly pyrite - 15-20%, with breccia fragments			
332	347	Breccia	- Grey dolomite breccia - small fragments ($\frac{1}{4}$") with crumbly pyrite in broken up rock - 5-8%, brown carbonate in matrix			
			337' - 342' - same as above, breccia bands at 10° to core axis in places			
			342' - 347' - Broken and brecciated grey dolomite, white dolomite and brown carbonate in matrix - Pyrite - 5-10% Bedding? at 346' at 75° to core axis			
			347' - 352' - Massive grey dolomite, not as highly fractured as previously, Minor pyrite - 3-4%		3-4	
			352' - 357' - same as above, occasional small ($\frac{1}{2}$" - 1") breccia veinlet at 10-15° to core axis		5-8	
			357' - 363' - same as above pyrite - 5%, breccia locally - sparry white dolomite and brown red carbonate matrix			
			363' - 365' - Highly broken up rock, minor honey colored sphalerite (< 1%) pyrite-15-25%, rock gougy in places			
			365' - 367' - Grey dolomite, minor honey colored sphalerite			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			(< 1%) Pyrite bands at 10° to core axis Pyrite - 5-10%			
367	368	Fault Zone	Fault zone, gouge, pastel color Pyrite - 30-35%			
			368' - 371' - Broken up grey dolomite, crumbly Pyrite 3-4%			
			371' - 375' - Broken up grey dolomite, pyrite band (½" - 3/4") parallel to core axis			
374	375	Fault Zone	- Gouge, pastel colored fragments			
			375' - 380' - Massive grey dolomite, numerous hairline		3-4	
			fractures throughout Some sparry dolomite veinlets			
			380.0' - 385.0' - Massive grey dolomite, pyrite along some			
			fracture surfaces, minor irregular breccia veinlets. One 1.5"			
			pyrite zone - pyrite surrounding grey dolomite fragments			
			Pyrite - 3-5%			
			385.0' - 390.0' - Same as above, but less pyrite - 3% minor			
			sphalerite < 1%			
			390.0' - 395' - Grey dolomite, very weak banding at 55° to			
			core axis Occasional pyrite band (narrow <¼") at 25° to core			
			axis 2.5" wide breccia with red-pink carbonate, sparry white			
			dolomite and clear quartz (infilling vugs) in order of abundance			
			Contact? (vague) at 35° to core axis			
			395' - 397' - Grey dolomite with ½" wide pyrite band		2-3	
			running down the core axis Pyrite - 25% Minor specks of sparry			
			white dolomite in it			
			397' - 398.8' - Massive grey dolomite, minor sparry carbonate		2-3	
			398.8' - 399.6' - Massive crumbly pyrite, almost black in			
			color 60% recovery Top contact at 10° to core axis			
			399.5' - 403' - Massive grey dolomite, rock broken in places,			
			with pastel color stain on fractures			
			403' - 408' - same as above Pyrite - 2-3% Occasional			
			stylolite like feature and hairline fractures (10° to core axis)			

From	To	Rock Type	DESCRIPTION	Graphic Log	% Sparry Carbonate	Bedding Angles
			containing pyrite			
			408' - 413' - Massive grey dolomite and occasional sparry dolomite veinlet, one containing speck of galena Minor pyrite-1%		2-3	
			413' - 422' - Grey dolomite with occasional sparry dolomite veinlet at 70° to core axis		3-5	
			422.8' - 428.0' - Massive grey dolomite, minor pyrite - 3%			
			430' - 477' - Massive grey dolomite, very little fractures and bery minor pyrite (< 1%) one narrow band at 70° to core axis			
			448' - weak bedding at 45° to core axis			
			465' - 25° to core axis, 464' - 70° to core axis			
			473' - 476' - 33% recovery - broken up rock			
			477' - 482' - Well fractured grey dolomite with red carbonate infilling in places breccia			
			482' - 487' - Grey dolomite, moderately fractured, some sparry dolomite veinlets		2-3	
			499' - 503' - Broken up grey dolomite Pastel stain on some fractures		5	
			503' - 508' - Highly broken up grey dolomite, breccia in places with red carbonate infilling			
			508' - 520' - Broken up grey dolomite - 75% recovery			
			551.6' - 556' - Broken up grey dolomite, minor pastel brown staining No sulphides observed		2	
			565' - 570' - Broken up grey dolomite, iron stain on fracture surfaces			
587		Grey Dolomite	- broken until end of hole, no sulphides observed			

HUDSON BAY EXPLORATION & DEV. CO LTD.
VANCOUVER, B. C.

DIAMOND DRILL PLAN
OG CLAIMS— 1975

Date Drawn: 8/16/76	Revised:	Drawn By: CEM	Drawing No.

SCALE: 1" = 200'

ASSESSMENT REPORT

OG CLAIMS, DAWSON M. D.
116 C/16 and 116 B/13

By

R. T. McIntosh B.Sc. F.G.A.C.

September 23, 1976

091362

TABLE OF CONTENTS

APPENDICES

PLATES

Introduction

A program of diamond drilling was carried out on the Og claims from July 19th to September 9, 1976. The drilling targets were, induced polarization anomalies and gossan zones which were located during the exploration program carried out in 1974 and 1975 on the property.

Results of the drilling in 1975 were variable, but sufficiently encouraging to warrant further diamond drilling during the 1976 field season.

Location and Access

The Og claims are located in the Dawson Mining Division at 140°00'W 64°50'N at the boundary of claim sheets 116B-13 and 116C-16. The claim group is situated on a tributary of Coal Creek, approximately 50 miles north of Dawson City, Yukon Territory.

The claim area is readily accessible only by helicopter.

Personnel

The drilling program was contracted by E. Caron Diamond Drilling Limited, with head office in Whitehorse, Yukon Territory. Four qualified drillers were employed.

Mr. E. W. Yarrow of Hudson Bay Exploration and Development Company Limited, was the resident geologist throughout the project. Mr. R. T. McIntosh, Resident Geologist, Whitehorse, directed the program. The summary of qualifications of Mr. Yarrow and Mr. McIntosh are included in this report.

The Og claims, as listed in a claim summary included in this report, are owned by Hudson Bay Exploration and Development Company Limited, #1695-555 Burrard Street, Vancouver, B.C.

Diamond Drilling Program

The diamond drill program commenced July 19, 1976 and was completed by September 10, 1976. During this period, 12 holes were completed for a total of 6,217 feet. The location of the hole applied to assessment is shown on the diamond drill plan in the folder, as is the drill log.

The core recovered during the 1976 drill program is stored in wood trays which are stacked at the main camp. The location of the core is shown on the drill plan.

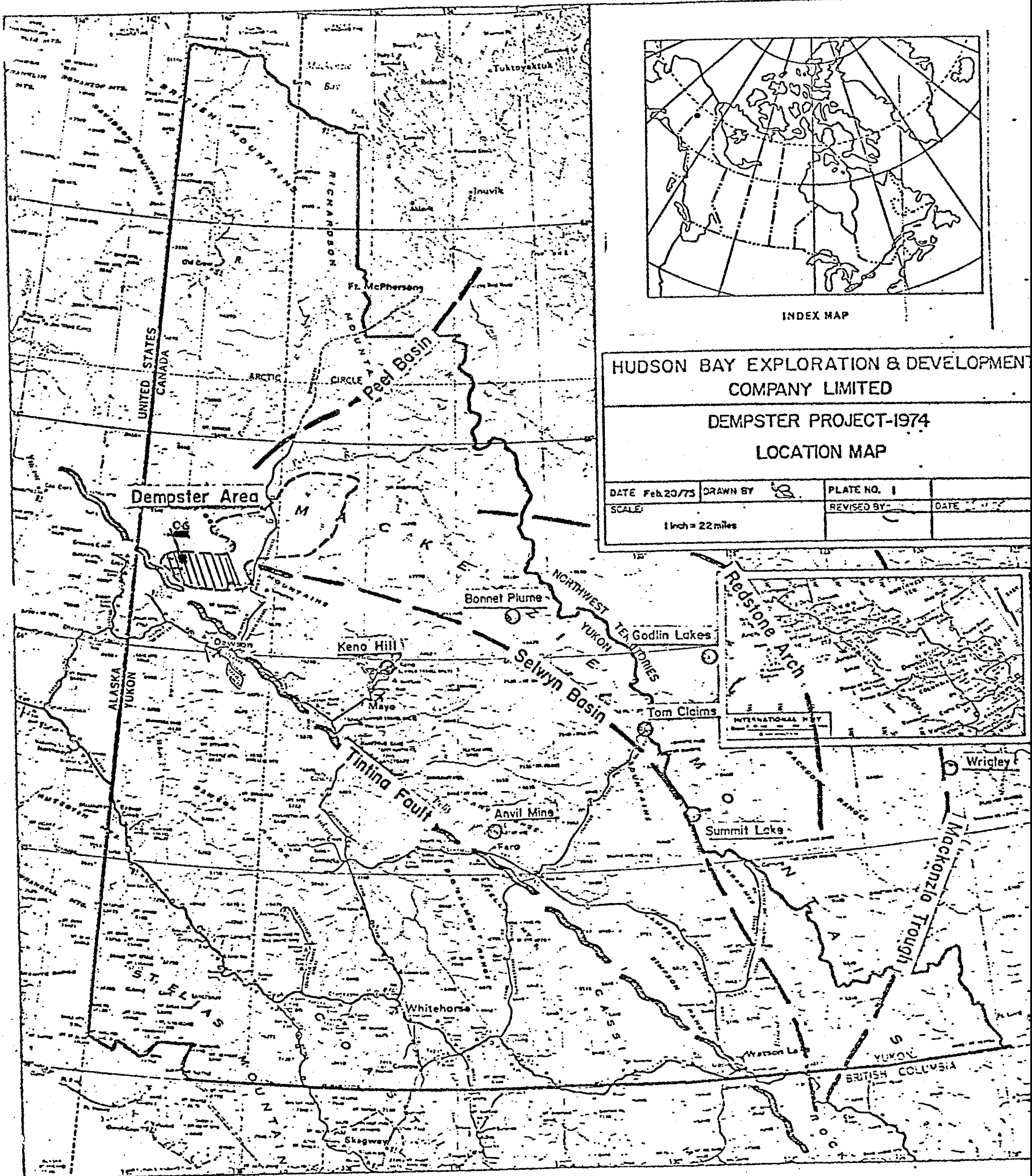
Conclusion

Results of the 1976 drill program are now being examined but no decision has been made concerning further drilling in 1977.

R. T. McIntosh, B.Sc. F.G.A.C.
Resident Geologist

September 23, 1976

APPENDIX


HUDSON BAY EXPLORATION & DEVELOPMENT
COMPANY LIMITED
DEMPSTER PROJECT-1974
LOCATION MAP
DATE Feb.20/75
DRAWN BY
PLATE NO. 1
SCALE
REVISED BY
DATE
1 inch = 22 miles
INDEX MAP
Peel Basin
Dempster Area
Selwyn Basin
Tintina Fault
Redstone Arch
Mackenzie Trough
Bonnet Plume
Godlin Lakes
Keno Hill
Tom Claims
Anvil Mine
Summit Lake
Wrigley
Dawson
Mayo
Faro
Whitehorse
Watson Lake
Skagway
Inuvik
Tuktoyaktuk
Ft. McPherson
UNITED STATES
CANADA
ALASKA
YUKON
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ARCTIC CIRCLE
RICHARDSON
BRITISH MOUNTAINS
M A C K E N Z I E
M O U N T A I N S
ST. ELIAS MOUNTAINS
C O A S T
C A S S I A R
CG

OG CLAIM GROUP

SCALE : 1":3500' (APPROXIMATE)

UNPATENTED MINERAL CLAIMS

LOCATION Coal Creek Area, Y.T.

MINING DIVISION Dawson

PROPERTY OC Claims

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH 19	ASSESSMENT 75	76	77
OC - 1	Dawson	Y89914		Aug 8/74	Aug 14/74	A. Groome	Sept 5/74	H.B.E.D.	March 5/75		Aug 14	x	x	x
- 2	"	5		"	"	"	"	"	"		"	x	x	x
- 3	"	6		"	"	"	"	"	"		"	x	x	
- 4	"	7		"	"	"	"	"	"		"	x	x	
- 5	"	8		"	"	"	"	"	"		"	x	x	
- 6	"	9		"	"	"	"	"	"		"	x	x	
- 7	"	20		"	"	"	"	"	"	NOT APPLICABLE	"	x	x	
- 8	"	1		"	"	"	"	"	"		"	x	x	
- 9	"	Y90079		Aug 9/74	Sept 6/74	G.E.Bidwell	Sept 6/74	"	"		Sept. 6	x	x	
- 10	"	80		"	"	"	"	"	"		"	x	x	
- 11	"	1		"	"	"	"	"	"		"	x	x	
- 12	"	2		"	"	"	"	"	"		"	x	x	
- 13	"	Y90013		Aug 8/74	Aug 27/74	J. Chapman	Aug. 27/74	"	"		Aug 27	x	x	x
- 14	"	4		"	"	"	"	"	"		"	x	x	x
- 15	"	5		"	"	"	"	"	"		"	x	x	
- 16	"	6		"	"	"	"	"	"		"	x	x	
- 17	"	7		"	"	"	"	"	"		"	x	x	
- 18	"	8		"	"	"	"	"	"		"	x	x	
- 19	"	9		"	"	"	"	"	"		"	x	x	
- 20	"	20		"	"	"	"	"	"		"	x	x	
- 21	"	Y89922		"	Aug 14/74	P.T. Coyle	Jan. 6/75	"	"		Aug. 14	x	x	
- 22	"	3		"	"	"	"	"	"		"	x	x	
- 23	"	4		"	"	"	"	"	"		"	x	x	
- 24	"	5		"	"	"	"	"	"		"	x	x	

UNPATENTED MINERAL CLAIMS

LOCATION Coal Creek Area, Y. T.

MINING DIVISION Dawson

PROPERTY OG Claims

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 1975	76	77
OG - 25	Dawson	Y89926		Aug 10/74	Aug 14/74	P.T. Coyle	Jan 6/75	H.B.E.D.	March 5/75		Aug 14	x	x	x
- 26	"	7		"	"	"	"	"	"		"	x	x	
- 27	"	8		"	"	"	"	"	"		"	x	x	
- 28	"	9		"	"	"	"	"	"	NOT	"	x	x	
- 29	"	Y90021		Aug 16/74	Aug 27/74	R. Cann	Aug. 27/74	"	"	APPLICABLE	Aug 27	x	x	
- 30	"	2		"	"	"	"	"	"		"	x	x	
- 31	"	3		"	"	"	"	"	"		"	x	x	
- 32	"	4		"	"	"	"	"	"		"	x	x	
- 33	"	5		"	"	"	"	"	"		"	x	x	
- 34	"	6		"	"	"	"	"	"		"	x	x	
- 35	"	7		"	"	"	"	"	"		"	x	x	x
- 36	"	8		"	"	"	"	"	"		"	x	x	x
- 37	"	9		"	"	E Yarrow	"	"	"		"	x	x	
- 38	"	Y90030		"	"	"	"	"	"		"	x	x	
- 39	"	1		"	"	"	"	"	"		"	x	x	
- 40	"	2		"	"	"	"	"	"		"	x	x	
- 41	"	3		"	"	"	"	"	"		"	x	x	
- 42	"	4		"	"	"	"	"	"		"	x	x	
- 43	"	5		"	"	"	"	"	"		"	x	x	
- 44	"	6		"	"	"	"	"	"		"	x	x	
- 45	"	Y90083		"	Sept 6/74	G.E. Bidwell	Sep 6/74	"	"		Sept 6	x	x	
- 46	"	4		"	"	"	"	"	"		"	x	x	
- 47	"	5		"	"	"	"	"	"		"	x	x	x
- 48	"	6		"	"	"	"	"	"		"	x	x	x

UNPATENTED MINERAL CLAIMS

MINING DIVISION ....DAWSON.....

LOCATION .....COAL CREEK AREA, YUKON TERRITORY.....

PROPERTY .....OG CLAIMS.....

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 75	76	77
OG - 49	Dawson	Y90037		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	H.B.E.D.			Aug 27	x	x	
OG - 50	Dawson	YA2953		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 51	Dawson	Y90039		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	"			Aug 27	x	x	
OG - 52	Dawson	YA2953		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 53	Dawson	Y90041		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	"			Aug 27	x	x	
OG - 54	Dawson	YA2954		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 55	Dawson	Y90043		Aug 16/74	Aug 27/74	G. Little	Aug 27/74	"		NOT	Aug 27	x	x	
OG - 56	Dawson	YA2955		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75	APPLICABLE	Oct 21		x	
OG - 57	Dawson	Y96087		Aug 16/74	Sept 6/74	K.J. Taylor	Sept 6/74	"			Sept 6	x	x	x
OG - 58	Dawson	YA2956		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 59	Dawson	Y96089		Aug 16/74	Sept 6/74	K.J. Taylor	Sept 6/74	"			Sept 6	x	x	x
OG - 60	Dawson	YA2957		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 61	Dawson	YA2958		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	Dec 8/75		Oct 21		x	
OG - 62	Dawson	YA2959		Oct 5/75	Oct 21/75	B. Strochein	Nov 19/75	"	"		"		x	
OG - 71	"	YA2960		"	"	V. McIntosh	Nov 19/75	"	"		"		x	
OG - 72	"	YA2961		"	"	V. McIntosh	Nov 19/75	"	"		"		x	

UNPATENTED MINERAL CLAIMS

LOCATION ....COAL CREEK AREA..YUKON TERRITORY....(116-B-13)

MINING DIVISION .....DAWSON.....

PROPERTY...OG CLAIMS.....

Assd June 15/76

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 76	77	78	...
OG - 73	DAWSON	Y99849		June 15/75	July 7/75	J. Pickell	July 7/75	H.B.E.D.			July 7	X			
" - 74	"	Y99850		"	"	"	"	"			"	X			
" - 75	"	Y99851		"	"	"	"	"			"	X			
" - 76	"	Y99852		"	"	"	"	"			"	X			
" - 77	"	Y99853		"	"	R. Bennett	"	"		NOT	"	X			
" - 78	"	Y99854		"	"	"	"	"			"	X			
" - 79	"	Y99855		"	"	"	"	"		APPLICABLE	"	X			
" - 80	"	Y99856		"	"	"	"	"			"	X			
" - 81	"	Y99857		"	"	"	"	"			"	X			
" - 82	"	Y99858		"	"	"	"	"			"	X			
" - 83	"	Y99859		"	"	"	"	"			"	X			
" - 84	"	Y99860		"	"	"	"	"			"	X			
" - 85	"	YA2616		Sept 11/75	Sept 29/75	E. Bennett	Sept 27/75	"	Dec 8/75		Sept 29	X			
" - 86	"	YA2617		"	"	"	"	"	"		"	X			
" - 87	"	YA2618		"	"	"	"	"	"		"	X			
" - 88	"	YA2619		"	"	"	"	"	"		"	X			
" - 89	"	YA2620		"	"	"	"	"	"		"	X			
" - 90	"	YA2621		"	"	"	"	"	"		"	X			
" - 91	"	YA2622		"	"	"	"	"	"		"	X			
" - 92	"	YA2623		"	"	"	"	"	"		"	X			
" - 93	"	YA2624		"	"	D Macfarlane	"	"	"		"	X			
" - 94	"	YA2625		"	"	"	"	"	"		"	X			
" - 95	"	YA2626		Sept 12/75	"	"	"	"	"		"	X			
" - 96	"	YA2627		Sept 12/75	"	"	"	"	"		"	X			
" - 97	"	YA2628		"	"	"	"	"	"						

UNPATENTED MINERAL CLAIMS

MINING DIVISION ..... DAWSON .....

LOCATION ..... COAL CREEK AREA, YUKON TERRITORY .....

PROPERTY ..... OG CLAIMS .....

NAME	MINING DIVISION	GRANT NUMBER	TAG NUMBER	DATE STAKED	DATE RECORDED	STAKED BY	DATE OF TRANSFER	TRANSFEREE	DATE REGISTERED	CLAIM RENTAL	EXPIRY MONTH	ASSESSMENT 76
OG - 98	"	YA2629		Sept 12/75	Oct 21/75	D. Macfarlane	Sept 27/75	H. B. E. D.	Dec 8/75		Oct21	x
OG - 99	"	YA2630		Sept 12/75	Sept 29/75	DMacfarlane		"	"		Sept 29	x
OG - 100	"	YA2631		"	"	"		"	"		"	x
OG - 101	"	YA2632		"	"	M Hoflus		"	"	NOT	"	x
OG - 102	"	YA2633		"	"	"		"	"	APPLICABLE	"	x
OG - 103	"	YA2634		"	"	"		"	"		"	x
OG - 104	"	YA2635		"	"	"		"	"		"	x
OG - 105	"	YA2636		Sept 19/75	Sept 29/75	R. McIntosh	Oct 1/75	"	Dec 8/75		"	x
OG - 106	"	YA2637		"	"	"	"	"	"		"	x
OG - 107	"	YA2638		"	"	"	"	"	"		"	x
OG - 108	"	YA2639		"	"	"	"	"	"		"	x
OG - 109	"	YA2640		"	"	"	"	"	"		"	x
OG - 110	"	YA2641		"	"	"	"	"	"		"	x
OG - 111	"	YA2642		"	"	"	"	"	"		"	x
OG - 112	"	YA2643		"	"	"	"	"	"		"	x
OG - 113	"	YA2644		"	"	M. Hoflus	Sept 27/75	"	Dec 8/75		"	x
OG - 114	"	YA2645		"	"	"	"	"	"		"	x
OG - 115	"	YA2646		"	"	"	"	"	"		"	x
OG - 116	"	YA2647		"	"	"	"	"	"		"	x

R. T. MCINTOSH

- B. Sc. graduate in geology. University of Manitoba, 1933
- Continually employed in all phases of mineral exploration since 1933 in central Canada and the Yukon
- Has been the Resident Geologist in the Yukon Territory and adjoining Northwest Territory for Hudson Bay Exploration and Development Company Limited since 1965.
- Member of the Geological Association of Canada
- Home Address: 62 Klondike Road
  Whitehorse, Y.T.

EDWARD W. YARROW

Education:	B. Sc. in geology from University of British Columbia on graduation in 1970.
Summer Employment:	
1967, 1968	Falconbridge Nickel Mines - soil, silt sampling and prospecting
1969	Associated Geological Services - party chief on geochemical surveys, also carried out geological mapping and logging of drill core.
Following Graduation:	
1970-1971	American Smelting and Refining Co. - varied field work in Ireland including mapping, core logging and geophysical and geochemical surveys.
1971-1972	American Smelting and Refining Co. - property examinations in British Columbia
1973	Hudson Bay Exploration and Development Company Limited - geologist in charge of Yukonadian project on Porcher Island, B.C.
1974	Asst. Geologist - Dempster project
1975	Supervising Geologist - Dempster Area, projects

E. Caron Diamond Drilling Limited

CONTRACT DIAMOND DRILLING

HEAD OFFICE:
7 ROUNDEL ROAD
WHITEHORSE, Y.T. Y1A-3H3
PHONE 668-2424 – 668-2425
TELEX 036-8-337

VANCOUVER OFFICE:
XX3Y425 HOWE STREETXX
VANCOUVER, B.C. V6C 2A5
PHONE 687-4634

August 15, 1976
Invoice #-174

IN ACCOUNT WITH:

Hudson Bay Exploration and Development Company ltd.
Box 4007,
1154 - 1st. Avenue,
Whitehorse, Y. T.

Drilling Charges August 1 to 15, 1976 (Clinton Creek Project)

Hole: 15-76 x 50° x BQ					
Reaming Cave					
12 man hrs.	@ $11.75 per hr.	=	$ 141.00		
6 machine hrs.	@ $8.50 per hr.	=	$ 51.00	$ 192.00	
Testing					
4 man hrs.	@ $11.75 per hr.	=	$ 47.00		
2 machine hrs.	@ $8.50 per hr.	=	$ 17.00	$ 64.00	
sing					
30 - 34 = 4 ft.	@ $13.70 (BW) per ft.	=		$ 54.80	
Coring					
65 - 500 = 435 ft.	@ $10.90 per ft.	=	$4,741.50		
500 - 563 = 63 ft.	@ $11.40 per ft.	=	$ 718.20	$5,459.70	$ 5,770.50
→ **Hole: 16-76 x 50° x BQ**					
Moving					
18 man hrs.	@ $11.75 per hr.	=	$ 211.50		
9 machine hrs.	@ $8.50 per hr.	=	$ 76.50	$ 288.00	
Reaming Cave					
8 man hrs.	@ $11.75 per hr.	=	$ 94.00		
4 machine hrs.	@ $8.50 per hr.	=	$ 34.00	$ 128.00	
Testing					
4 man hrs.	@ $11.75 per hr.	=	$ 47.00		
2 machine hrs.	@ $8.50 per hr.	=	$ 17.00	$ 64.00	
Cat Operator					
2 man hrs.	@ $11.75 per hr.	=		$ 23.50	
Casing					
0 - 10 = 10 ft.	@ $13.70 (BW) per ft.	=		$ 137.00	
Coring					
10 - 460 = 450 ft.	@ $10.90 per ft.	=		$4,905.00	$ 5,545.50

REVIEW OF EXPENDITURES

OG HOLE 16 - 1976

The following review of expenditures, with covering invoices, applies to the drill hole (Og 16) which is being applied to assessment work and includes sufficient expenditures to support the years of assessment work applied to the claim group as shown on Figure 2.

Group	Holes	Direct Drilling	Total
6 claims (Og 50, 52, 54, 56, 58, 60) (30 years)	16	$5,545.50	$5,545.50

DRILL HOLE NO. 16 CO - ORDINATES 49+400E 50+060N ANGLE -50°N DIRECTION 332° PAGE 1

PROPERTY OG DEPTH 460.0' CORE SIZE BQ ACID TESTS (CORRECTED) LOGGED BY E. W. Yarrow

From	To	Rock Type	DESCRIPTION	Estimated Percent			Graphic Log				
				Pyrite	Dolspar		Scale	Rx. Ty.	Fract.	Struct.	
0.0	10.0	Overburden									
10.0	327.0	Grey Dolomite	Fine grained light grey, in places faintly banded, dolomite								
			21' - 25° to core axis Fragmental core throughout 53' - 20°								
			59' - 25° to core axis 115' - 5°, 118' - 5° Minor ironstain at 25.8'								
			21' - Numerous dolspar filled fractures at varying angles to the								
			core axis.								
			18' - Microfault at 40° to core axis giving dolspar veinlet								
			en echelon pattern								
			29.0' - 31.2' Intense fracture zone to breccia in good jigsaw								
			pattern								
			Throughout core, rock has numerous hairline fractures infilled with white								
			dolspar at varying angles to the core axis but ones with orientation at								
			20 - 30° to core axis appear to be latest								
			44.2' - 46.0' - Area of more intensive fracturing with dolspar								
			infilling at 55°, 90°, parallel and criss-crossing fracture systems								
			Minor limonite infilling some fractures Minor chalcopyrite bleb								
			observed in one dolspar veinlet								
			Faint laminations at 10° to core axis at 51', 70' - 20°								
			53.0' - 60.0' - Strong fracturing (dolspar filled) in faint banded								
			grey dolomite Dolspar filled fractures at 45° to core axis appear to be								
			one of the latest sequences, although dolspar filled fractures at 80° to								
			core axis appear to offset numerous fractures limonite stain along edges								
			of veinlets and fractures								
			62' - 'Hazey' breccia 'vein' (1" wide) at 20° to core axis - sharp								
			contact with wall rock.								

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Zn	Pb	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			72.5' - 74.5' - Fine fragment breccia zone (< $\frac{1}{4}$") Jigsaw fabric	1	5-8	-	-				
			in places - intense fracturing hairline grades into it limonite stain								
			on surfaces								

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Zn	Pb	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			76.0' - 81.0' Broken up well fractured to brecciated dolomite	1	5-8	1	<1				
			with hydrozincite along some planes								
			81.0' - 86.0' - Same as above, minor galena		5-8						
			86.0 - 92.0' - Fragmented rock with hydrozincite Minor blebs of								
			chalcopyrite in vuggy dolspar 91.0' - one small locale of hazy breccia								
			Strong dolspar filled fractures at 75°, 20°, 10°, 45° to core axis								
			(75°youngest?)								
			92.0' - 96.6' - Same as above		3-4						
			75.0' - 105' - Fragmental grey dolomite tending to blocky around								
			106'								
			96.6' - 102.0' - 50% core recovery Minor hydrozincite in well		5						
			fractured dolomite with prominent set at 45° to core axis 98.6' - 102' -								
			0% core No recovery								
			102.0' - 105.0' - 50% recovery, minor hydrozincite								
			106.7' - 106.9' - Intense fracturing or jigsaw breccia Limonite								
			on some fracture surfaces								
			110.2' - 111.0' - Breccia zone or very intense fracturing								
			110' - 118' - Blocky grey dolomites, faint banding at 10° to core								
			axis Numerous dolspar filled fractures at 20°, 75° and erratic to core								
			axis								

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar		Graphic Log Scale	Rx. Ty	Fract.	Struct.
			117' - 122 Very faintly banded grey dolomite at 05° to core axis							
			Numerous hairline dolomite (white) filled fractures at 80°, 20° - 55°							
			to core axis							
			122.0' - 135' - Fragmental core, limonite stain (yellow brown)							
			throughout 50% recovery							
			151.2' - Stylolites - irregular shape generally at 70° to core							
			axis							
			154.0' - Irregular stylolites - suture pattern black material							
			occupying them							
			155' - 156' - Fragmental rock							
			156.0' - 160.0' - Somewhat darker grey dolomite Faint laminations							
			at 10° to core axis & occasional dolspar filled veinlet at 20° to core							
			axis (growth from sides evident) In some fracture fillings sphalerite							
			(yellow brown) could be between dolspar and wallrock							

DRILL HOLE NO. 16

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar		Graphic Log Scale	Rx. Ty.	Fract.	Struct.
			160.0' - 161.6' - Very black graphitic zone Possible fault zone Laminations of banded dolomite at 70° to core axis Contact (sharp) at bottom at 35° to core axis							
			161.6' - 165.0 - Breccia zone with pyrite in matrix weak breccia	5	5-8					
			165.0' - 167.0' - Grey dolomite, well fractured in places with one stylolite sub-parallel to core axis cutting everything Pyrite observed as fracture filling	5	4-5					
			169.0' - Dolspar veinlet (growing from sides) at 15° to core axis offset by similar structure at 60° to core axis (see graphic log) Banding at 30° to core axis							
			170.0' - 171.0' - Dark grey-black well banded dolomite, laminations at 40° to core axis. This area highly fractured		10-15					
			176.6' - 179.6' - Hazy breccia, well fractured by hairline fractures and grey dolomite in this area. Faint laminations at 40° to core axis							
			181.6' - Stylolite at 50° to core axis							
			182.0' - 182.6' - 'Hazy' like breccia with some course dolspar							
			185' - Laminations (faint) at 45° to core axis							
			190.5' - Stylolite cutting bedding at 25° to core axis							
			192.0' - Laminations, faint at 20° to core axis							
			192.0' - 195.5' - 'Hazy' breccia (for first 1.5') with numerous stylolites with black silty material along them In places, rock appears bleached 194' - Laminations at 40° to core axis		1-2	- -				

DRILL HOLE NO. 16

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Zn	Pb	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			195.5' - 197.0' - Massive grey dolomite Some stylolite like features	<1			<1				
			at 25° to core axis containing streaks of galena at beginning (195.6')								
			Numerous 'hazy' fractures Minor pyrite observed								
			197.0' - 199.8' - Fractured grey dolomite with galena in hairline	1-2							
			fractures (stylolites?) at 20° and 40° to core axis Pyrite and black								
			silty material also Faint laminations sub parallel to core axis								
			199.8' - 202.0' - Minor pyrite in effectively barren grey dolomite								
			Some stylolites (suture) at 10° to core axis cutting structures Lamin.								
			appear to 'grade' into massive dolomite in places								
			202.0' - 207.0' - Stylolite running parallel to core axis (conformable	1-2	4-5						
			with bedding Contains pyrite, galena, white dolspar in pods and silt								
			material								
			207.0' - Similar to above except structure not always parallel to								
			core axis								
			212' - 213' - Dolspar vein at 45° to core axis with 'runners' off								
			parallel to core axis Vein shows texture of appearing to grow from the								
			walls in. Walls lined with dark grey dolspar than white 211' - Banding								
			at 10° to core axis 216' - 15° to core axis, offset in places by								
			dolspar veinlets at 65 - 75° to core axis 225 - 05°								
			233' - Dolspar vein at 20° to core axis with pyrite lining walls								
			220 - 280' - Area of small dolspar veinlets with dark at walls and								
			light towards the middle Otherwise the rock is quite massive with little								
			fracturing and faint laminations								

DRILL HOLE NO. 16

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar		Graphic Log Scale	Rx. Ty	Fract.	Struct.	
			256' - Narrow (<1") pyrite band at 50° to core axis								

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Zn	Pb	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			Numerous dolspar filled fractures at 35°, 10°, 80° to core axis								
			Fractures at 30° to core axis appear to be one of the later systems								
			280.0' - 285.2' - Well fractured grey dolomite Numerous erratic	<1	5						
			hairline fractures and dolspar veinlet Minor pyrite on inside of								
			veinlets against country rock. Some dolspar veins at 10° to core axis								
			with dark dolspar on walls against dolomite and white dolspar towards								
			middle At 282' 'hazy' bx fragments $\leq \frac{1}{2}$" Some areas through here appear								
			to be 'resorbed'								
			285.2' - 286.6' - Massive pyrite - galena zone Both galena and	70	-	-	30				
			pyrite very fine grained. Bottom contact (sharp) at 15° to core axis								
			286.6' - 290.0' - Well fractured relatively barren grey dolomite	1	45						
			293.0' - Minor speck of chalcopyrite in white dolspar								
			300.0' - 303' - Somewhat 'hazy' breccia with small fragments, $\leq \frac{1}{2}$".								
			Some red spar and white dolspar in matrix								
			303.5' - Stylolite parallel to faint laminations at 10° to core axis								
			307.0' - 313.5' - Massive grey dolomite with narrow stringers (5) of	1	3-4	<1					
			pyrite and brown sphalerite Angles to core axis are 25° (mainly sphalerite								
			brown), 45°, 55°, 30°, 25° (sphalerite only) All very narrow Also								
			numerous dolspar veinlets at 10°, 45°, 75° etc. Sulphides seem to								
			postdate everything except hairline fractures at 15° to core axis Minor								
			chalcopyrite observed.								
			313.5' - 313.8' - Massive pyrite - sphalerite band at 50° to core	50	5-8	15	10				
			axis Galena also Sphalerite occurs in thin bands with all sulphides								
			fine grained. Sulphides offset by microfault at 10° to core axis ($\frac{1}{4}$" displ)								
			Sphalerite yellow and brown								

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Zn	Pb	Graphic Log Scale	Rx. Ty.	Fract.	Struct.
			313.8' - 319.0' - Grey to finely laminated dolomite - in places	1	8	7	1				
			laminations are darker (317' - 05° to core axis) Occasional stringer								
			of sphalerite (20° to core axis (opposite bedding) At 316' 1" wide								
			dolspar-pyrite-galena vein at 60° to core axis Stylolites? at contacts								
			Sample ends in banded dolomites sub parallel to core axis that have								
			undergone minor offset. Stylolites (occasionally at varying angles to								
			core axis - dark material on surfaces								
			319.0' - 324.0' - At beginning of sample dolspar vein with pyrite	1	2-4						
			and minor sphalerite at 10° to core axis Pyrite found on walls of								
			dolspar veins and vug offshoots. Pyrite-minor dolspar veinlets at 10°								
			to core axis parallel to bedding Occasional speck of galena observed.								
327.0	346.0'	Banded Dolomite	Dark grey, finely laminated (well) dolomite Laminations at 328' - 05°								
			to core axis It is possible that from here (327') to 346' in banded								
			dolomites the dolspar appears whiter and does not always appear to have								
			grown from the sides as previously mentioned In places (328') possible								
			soft sediment slump as laminations appear disturbed?								
			327' - 331' - Banded dolomite Dark grey-blue chert band at 35° to	1	4-5						
			core axis Dolspar veinlets at 35°, 10° to core axis Last 1' well								
			fractured to breccia with black silty material Minor pyrite and galena								
			331.0' - 336.0' - Breccia zone in banded dolomites Fragments have	870	15						
			undergone minor attrition and most lie at 25-30° to core axis Pyrite								
			appears to occupy veins at 25° and less to core axis (cut bedding)								
			Fragment size 7 3/4" - jigsaw fabric Some stylolites at 30° and less								
			to core axis with black graphitic - silty material								

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolppor	Sp Gal Ch	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			336.0' - 340.0' - Same as before, some places fragments less $<\frac{1}{4}$"	2-4	8-10					
			340.0' - 343.0' - Well banded and fractured dolomites							
			343.0' - 346.0' Lams. 10° to c.a. Hairline fractures offset lams.		5-10					
			1/8" - general trend 45° to c.a.							
			345.0' - White dols. vein $\frac{1}{2}$" to $1\frac{1}{2}$" wide 46° to c.a. contains minor							
			dissem. chalcopyrite and sphalerite							
346.0	389.5	Grey Dolomite	Weak to mod. strong lams. of light grey and med. grey dols. local black							
			laminations Criss-crossing fracs. filled with white dols. Mod. to							
			strong fracturing and local brecciation							
			346.5' Weak lams. 6° to c.a. dols. veinlets $\frac{1}{4}$" wide 25° and 47°							
			to c.a.		10-15					
			347.0' - 348.5' - blocky core fragments 1" to 3"							
			350.5' weak lams. 8° to c.a. dols. veinlets contain minor dissem.							
			chalcopyrite		3	Tr.				
			352.0' - lams. 8° to c.a. dols. veinlets filling fracs. generally							
			45° to c.a.		7					
			352.5' - 354.0' - Blocky core, strongly fractured - frags. $\frac{1}{2}$" to 2"							
			353.8' - 355.2' - Dark grey-black lams. 12° to c.a.							
			dols. veins $\frac{1}{4}$" wide 15° and 27° to c.a.		5-10					
			355.2' - 357.0' - Hazy Breccia Frags. of weakly lam. light grey dol.							
			and med. grey chert in a matrix of light grey dols. (appears re-dolomit-		15					
			ized)							
			357.0' - 365.0' - Weak lams 20° - 25° to c.a. dols. veinlets							
			at 33° and 46° to c.a.		7					

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Sp Gal Cp	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			365.0' - 368.0' - dark grey - black lams. 18° to c.a.		3					
			hairline dols. veinlets 55° and 70° to c.a.							
			367.0' - 369.0' - Strongly frac. to breccia fracs. 20°, 26°, and 55°							
			to core axis plus criss-crossing hairline fracs. - grades into breccia							
			Frags. of light grey and dark grey banded dol. 1/8" to 1" - strong							
			rotation Matrix of white dols. with dissem. blebs and bands of py. and							
			galena	5	30	1				
			369.0' - 376.5' - Weak lams. 22° to core axis to massive light grey							
			dol. dols. veinlets are somewhat distorted and offset by later fracturing							
			minor orange dols. with white dols. - appears to be a secondary injection		5-10					
			White dols. lines fracs. - orange in middle Strongly frac. core 8°, 55°,							
			and 63° to core axis.							
			376.5' - 377.0' - Frag. core frags 1/16" to 1" av. ½" May be a small							
			fault							
			377.0' - 386.0' - Massive to weakly lam. light grey dol. - same as							
			Above							
			369.0' - 376.5' - weak lams. 15° to c.a. White dols. veinlets with							
			minor orange dols. 4°, 39°, and 58° to c.a.		5-10					
			Qz vein ¼" wide 23° to c.a. contains specks of py. and chalcopyrite							
			384.5' lams. 47° to c.a. local fold							
			Local strongly frac. core 20°, 55°, 45°, and 31° to c.a.							
			386.0' - 389.5' - strongly frac. to breccia frags. of light grey							
			dol. and dark grey banded dol. 1/16" to 1½" av. ½" Mixture of diff. rock							
			types suggests a collapse breccia - well cemented by white dols. with							
			dissem. py, sphalerite and galena.	1	30	<1 Tr.				
389.5	460.0'	Graphitic	Finely laminated black graphitic argillite and grey dolomitic argillite							
		Argillite	locally criss-crossed by hairline fracs. filled with white dols. - py.							
			blebs and stringers are generally parallel to lams. (prob. dep. in							
			reducing envir.) and white dols. contains minor dissem. py and gal.							
			389.5' - 391.0' - frag core frags. av. 3/4" fault zone?							

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Sp Gal CP	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			391.0' - 393.7' - lams. 11° to c.a. Few dols. veinlets - minor							
			py. and galena	Tr.	1	Tr.				
			393.7' - 396.2' - White dols. veinlets (hairline fracs.) criss-							
			crossing core contain dissem. py, gal. c.p., and sp. veinlet 10° to c.a.	<1	12	Tr. <1 Tr.				
			offset 1/8" by veinlets 50° to c.a.							
			396.2' - 406.0' Few white dols. veinlets somewhat distorted contain							
			minor dissem. py., gal., cp, and sp. some py. blebs occur along lams.	1	2	Tr. <1 Tr.				
			lams. 5° to 7° to c.a.							
			402.0' - 402.8' - and 403.8' - 404.3' Massive py. with dissem. gal.							
			filling hairline fracs.							
			406.0' - 407.2' - Strong hairline frac. - filled with white dols. and							
			dissem. py and gal and chalcopyrite	1	7	<1 TR.				
			407.2' - 411.1' lams. 2° to 5° to c.a. Few criss-crossing hairline							
			fracs. filled with white dols. and minor py. and gal.	Tr.	5	Tr.				
			411.1' - 412.0' Strongly frac. to breccia frags 1.16" to 1" av. ¼"							
			Mod. rotation Matrix of massive py. and white dols. with minor dissem.	20	10	<1				
			galena							
			412.0' - 414.0' - lams. 6° to c.a. few py. blebs along lams	4	1					
			414.0' - 415.5' - strong frac. to local breccia matrix of white dols.							
			with dissem. py and minor gal.	2	10	<1				
			415.5' - 424.0' - Black weakly lam graphitic argillite Few blebs							
			of py. and minor local dols. veinlets with dissem. sp. lams around 5° to	2	<1	Tr.				
			c.a.							
			424.0' - 426.0' - Strong hairline frac. to local breccia along fracs.							
			Bx-frags av 1/8" White dols. matrix with dissem. Py, gal. and sp.	4	5	<1 <1				
			426.0' - 433.0' - lams. 6° to c.a. White dols. 'wisps' and veinlets							
			contain minor dissem. py, gal. and sp.	<1	3	Tr. Tr.				
			429.0' - 429.4' - Minor Bx - frags. av. ¼" Matrix of white dols.							
			with dissem. sp. and py.	<1	10	4				

From	To	Rock Type	DESCRIPTION	Estimated Percent Pyrite	Dolspar	Sp Gal Cp	Graphic Log Scale	Rx. Ty	Fract.	Struct.
			433.0 - 435.5' 'Veinlets and wisps filled with massive py. and dissem. gal. - with some white dols. and minor sp.	10	3	Tr. 1				
			435.5' - 440.0' - Hairline fracs. filled with dols. offset and distort lams. - local breccia along fracs. Minor py. and gal. lams 3° to c.a.	Tr.	5	Tr.				
			440.0' - 441.6' - Breccia - frags. av. $\frac{1}{4}$" - mod. rotation Dk. grey matrix - minor dols. and py.	1	1					
			441.6' - 449.3' - lams. about 4° to c.a. same as 435.5' - 440.0'	Tr.	3	Tr. Tr.				
			449.3' - 450.4' - light grey dol. with dark grey lams May be a re-dol. section							
			450.4' - 452.0' - Lams 2° to c.a. - few dols. veinlets with minor gal.		3	Tr.				
			452.3' - 454.3' - Frag. core - 50% recovery frags 1.8" to 1" av.3/4" May be a fault zone							
			454.3' - 460.0' - lams. 5° to c.a. few dols. veinlets and 'wisps' with minor dissem. py, gal. and sp. Some py. blebs along lams.	1	3	Tr. Tr.				
			460.0' END OF HOLE*							

Form No. 504-R1-1M-5-76—GP

HUDSON BAY EXPLORATION AND DEVELOPMENT CO. LTD.

DIAMOND DRILL RECORD

CORRECTED DIP TESTS

Date Began ..... Date Completed .....

Property OG Project No. ..... Depth 460.0'

Hole No. 16 Co-ord 49+400E Horizontal Length .....

Sheet No. 2 of 2 50+055N Direction 332

Claim No. ..... Elevation ..... Angle -50°

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
336.0' - 340.0'	41216	4.0'		0.21		0.26	1.48								
340.0' - 343.0'	41217	3.0'		0.06		0.08	0.15								
343.0' - 367.4'	Waste														
367.4' - 369.0'	41218	1.6'		0.12	.05	0.19	0.70								
369.0' - 386.3'	Waste														
386.3' - 389.5'	41219	3.2'		0.03	.01	0.12	0.15								
389.5' - 393.7'	Waste														
393.7' - 396.5'	41220	2.8'		0.06	.02	0.14	0.29								
396.5' - 397.5'	Waste														
397.5' - 398.7'	41221	1.2'		0.18	.03	0.55	0.14								
398.7' - 402.0'	Waste														
402.0' - 402.8'	41222	0.8'		0.77	.04	2.16	3.75								
402.8' - 403.8'	Waste														
403.8' - 404.3'	41223	0.5'		0.41	.03	0.83	1.26								
404.3' - 406.0'	Waste														
406.0' - 407.2'	41224	1.2'		.03	.01	.24	.23								
407.2' - 411.1'	Waste														
411.1' - 412.0'	41225	0.9'		.56	.29	1.19	.40								
412.0' - 414.0'	Waste														
414.0' - 415.5'	41226	1.5'		.15	.05	.58	.65								
415.5' - 424.0'	Waste														
424.0' - 426.0'	41227	2.0'		Tr.	.01	.29	.33								
426.0' - 433.0'	Waste														
433.0' - 435.5'	41228	2.5'		.09	.02	.76	1.19								
435.5' - 460.0'	Waste														

DIAMOND DRILL RECORD

Date Began ..... Date Completed .....

Property OG Project No. ..... Depth 460.0'

Hole No. 16 Co-ord 49+400E Horizontal Length .....

Sheet No. 1 of 2 50+055N Direction 332°

Claim No. ..... Elevation ..... Angle -50°

100' - 49°00'

300' - 46°45'

Resident Geologist.

DEPTH	NUMBER	WIDTH	ASSAY AU	AG	CU	ZN	PB	NI	WIDTH X ASSAY	AVERAGES WIDTH	AU	AG	CU	ZN	PB
0.0 - 10.0	O.B.														
10.0 - 72.5'	Waste														
72.5' - 74.5'	41191	2.0'		0.12		0.15	0.04								
74.5' - 76.0'	Waste														
76.0' - 81.0'	41192	5.0'		0.06		0.04	0.03								
81.0' - 86.0'	41193	5.0'		Tr.		0.08	0.04								
86.0' - 92.0'	41194	6.0'		Tr.	0.01	0.05	0.01								
92.0' - 96.6'	41195	4.6'		0.12		0.04	0.02								
96.6' - 102.0'	41196	5.4'		0.03		0.15	0.04								
102.0' - 156.0	Waste														
156.0' - 160.0'	41197	4.0'		Tr.		0.03	0.03								
160.0' - 161.6'	41198	1.6'		0.06		0.08	1.16								
161.6' - 165.0'	41199	3.4'		Tr.		0.08	0.51								
165.0' - 167.0'	41200	2.0'		0.12		0.08	0.24								
167.0' - 192.0'	Waste														
192.0' - 195.5'	41201	3.5'		Tr.		0.25	0.14								
195.5' - 197.0'	41202	1.5'		0.15		0.26	1.24								
197.0' - 199.8'	41203	2.8'		0.24		0.20	2.50								
199.8' - 202.0'	41204	2.2'		Tr.		0.08	0.18								
202.0' - 207.0'	41205	5.0'		0.06		0.16	1.30								
207.0' - 209.0'	41206	2.0'		Tr.		0.13	0.73								
209.0' - 280.0'	Waste														
280.0' - 285.2'	41207	5.2'		Tr.		0.05	0.23								
285.2' - 286.6'	41208	1.4'		1.15		1.30	14.89								
286.6' - 290.0'	41209	3.4'		Tr.		Tr.	0.06								
290.0' - 307.0'	Waste														
307.0' - 313.5'	41210	6.5		Tr.		0.18	0.18								
313.5' - 313.8'	41211	0.3'		0.38		1.36	1.59								
313.8' - 319.0'	41212	5.2'		0.06		0.35	0.23								
319.0' - 324.0'	41213	5.0		0.09		0.13	0.80								
324.0' - 327.0'	Waste														
327.0' - 331.0'	41214	4.0'		0.06		0.10	0.46								
331.0' - 336.0'	41215	5.0'		0.12		0.08	0.54								

HUDSON BAY EXPLORATION & DEV. CO LTD.
VANCOUVER, B. C.

DIAMOND DRILL PLAN
OG CLAIMS– 1975–1976

Date Drawn: 8/16/76	Revised: 9/22/76	Drawn By: CEM	Drawing No.

SCALE: 1" = 200'