

Province of British Columbia

Ministry of Energy Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
DIAMOND DRILLING	\$57,395.10
AUTHOR(S) E.G. Olfert SIGN	NATURE(S)
DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILE	D YEAR OF WORK
PROPERTY NAME(S) FORD/WOOF	
COMMODITIES PRESENT Gold, Silver, Copper,	Lead, Zinc
B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN	
	NTS 82L/13Eand 82M/4E
LATITUDE 51° LON	GITUDE 119°38"
NAMES and NUMBERS of all mineral tenures in good stending (when wor (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified	k was done) that form the property. (Examples: TAX 1-4, FIRE 2 Mining Lasse ML 12 (claims involved).
FORD 1 - FORD 5 (5310 - 5314)	
FORD 6 & 7. (6219 - 6220)	
WOOF 1 - 3 (4997 - 4999)	
OWNER(S)	
(1) Utah Mines Limited (2)	
MAILING ADDRESS	
1600 - 1050 W. Pender St. Vancouver, B.C. V6E 3S7	
OPERATOR(S) (that is, Company paying for the work)	Olifton Bergunsen Timited
Adams Exploration Ltd. (2)	Clifton Resources Limited
AAAU ING ADDOOR	
MAILING ADDRESS 1027 - 470 Granville St.	1110-625 Howe St.
Vancouver, B.C.	Vancouver, B.C.
V6C 1W3	V6C 2T6
SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization	, size, and sttitude);
The property is underlain by the Eagle	Bay Formation consisting of Felsic
volcanics and minor mafic volcanics and are well foliated and strike to the nor	
the northwest. Mineralization consists minor copper, zinc sulphides hosted in	s of stratiform disseminated pyrite with felsic volcanics.
REFERENCES TO PREVIOUS WORK	
Geological, geochemical and geophysical Assessment Report 1986 by Utah Mines Lt	

TYPE OF WORK IN THIS REPORT		ENT OF WORK METRIC UNITS		a vital ora i tillaminin til dittanga alaqual serve	01	WHICH CLAIMS		COST APPORTIONED
GEOLOGICAL (scale, area)		мар жарын бор оддардын айдына үшдө айда эле э хэлгэддөөгө нь дайгаа хан шадын адабылында балашы айды адага						
Graund	, , , , , , , , , , , , , , , , , , , ,						 	
Photo							 <i>.</i>	
GEOPHYSICAL (fine-kilometres)								
Ground								
Magnetic							 	
Electromagnetic							 	
Induced Polarization							 	
R adi ometric							 	
Seismic							 <i></i>	
Other		• • • • • • • • • • • • • • • • • • •	1				 	
Airborne		.,.,	\				 	
GEOCHEMICAL Insumber of same	les analysed for	.)						
Soil			1	. 			 	
Silt			1	. . . <i></i>			 	
另 oc k							 	
Other							 	
DRILLING (total metras) number	of hotes size)		FORD	4 4	01.2m in	4 DDH's		36,348.72
		16 DDH's BQ	FORD	3 2	32.3m in	2 DDH's		21,046.38
Core	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						 	
Non-core			1				 	
RELATED TECHNICAL			Non	1 3				
Sampling/assaying							 	
Petrographic								
Mineralogic Metallurgic							 	
, -								
PROSPECTING (scale, area)							 	
PREPARATORY/PHYSICAL			Į					
Legal surveys (scale, area)							 	
Topographic (scale, area)			1				 	
Photogrammetric (scale, area)							 , ,	
Line/grid (kilometres)		. 					 	
Road, local access (kilometres)			1				 	
Trench (matres)			1				 	
Underground (matres)			1				 	
· · · · · · · · · · · · · · · · · · ·							ſ 	57,395.10
				and the state of t		ang alak salah 1 kan berim bilangga damakan dan arek sanas pantan dan salah salah	 TOTAL COST	37,393.10
FOR MINISTRY USE ONLY		NAME OF PAC ACCOUNT	NT	DEBIT	CREDIT	REMARKS:	 AA	
Value work done (from report) .								
Value of work approved								
Value claimed (from statement) .								
Value credited to PAC account						į		
Value debited to PAC account .			,					
Accepted Date		Rept. No				Information Class .	 	
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GEOLOGICAL BRANCH ASSESSMENT REPORT

17,232



INTRODUCTION

The FORD/WOOF Group is held under option by Adams Exploration Ltd. and Clifton Resources Limited. The claims were staked by Utah Mines Ltd. in the early 1980's following the Rea Gold discovery on the west side of Adams Lake.

A number of strataform mineralized horizons exist within a felsic volcanic pile that trends across the property from southwest to northeast. During 1987 4 diamond drill holes were drilled to test a potential mineralized zone that extends southeast on the FORD 4 claim from the AXL 3 property. Two diamond drill holes were drilled to test another horizon on the WOOF 3 claim. A total of 633.5 metres in 6 diamond drill holes were drilled between June 25, 1987 and September 19, 1987.

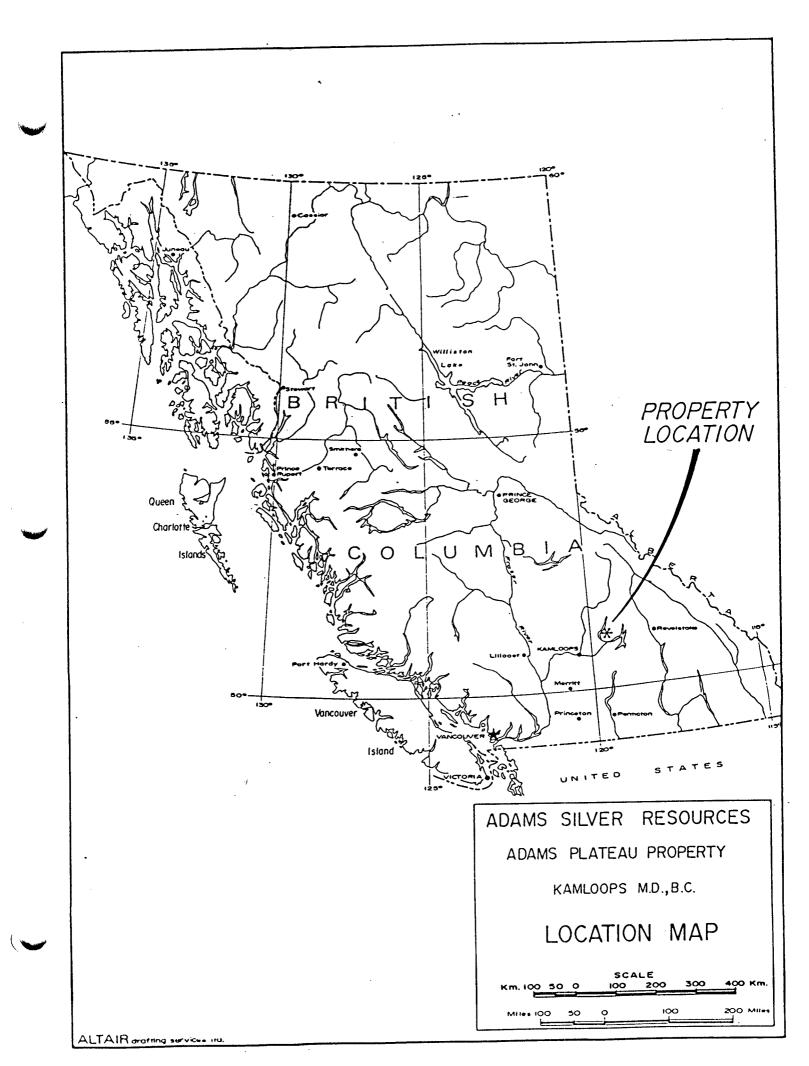
PROPERTY, LOCATION, ACCESS AND TOPOGRAPHY

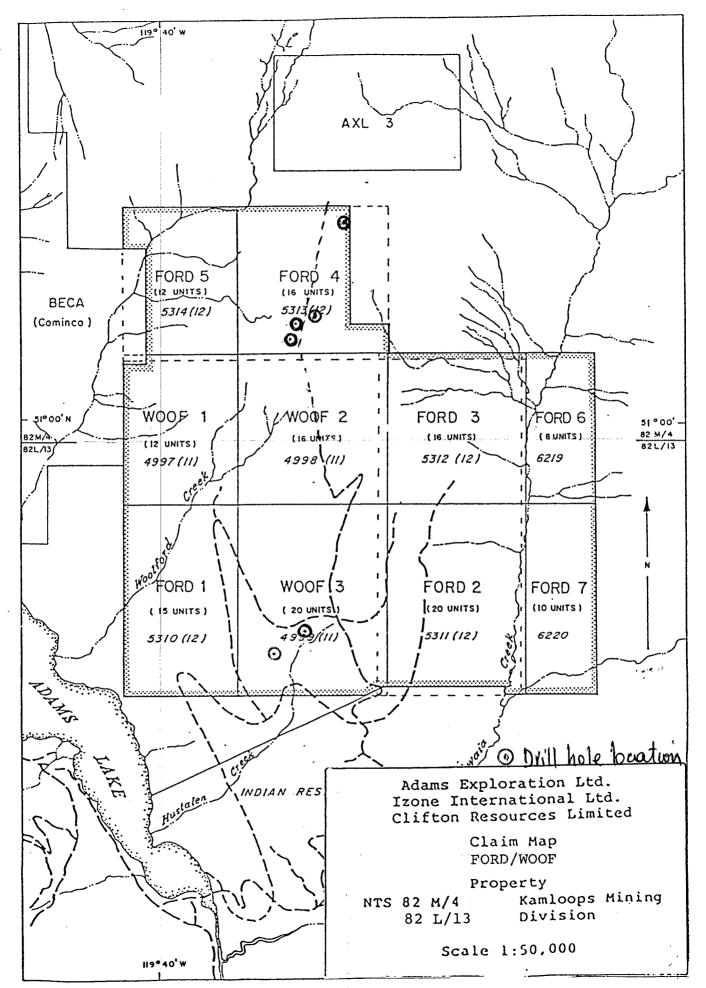
The FORD/WOOF Property consists of the following claims:

FORD	1		FORD	5	(5310 - 5314)
FORD	6	&	7		(6219 - 6220)
WOOF	1	_	3		(4997 - 4999)

The claims are located on the Adams Plateau, 70 kilometres northeast of Kamloops, British Columbia. They are situated in the Kamloops Mining Division on N.T.S. map sheet 82L/13 and 82M/4. Access is via a 16 kilometre mainline logging road which originates from







a paved highway from the south end of Adams Lake. Additional access is provided by branching 4 X 4 roads.

The claims are on the south end of the plateau and range in elevation from 1,700 metres at the top of the plateau to about 400 metres near the shore of Adams Lake.

HISTORY

Exploration on the plateau has been carried out intermittently since 1927 with the discovery of the Lucky Coon and Elsie mineral occurrences which are located 5 - 7 kilometres north of the claims area.

In 1971 prospecting and geochemistry done along Nikwikwaia Creek by Derry, Michener and Booth led to the discovery of massive sulphide boulders. The source for these boulders was found in the area of the present FORD 7 claim. Further evaluation of the above mineralization was done in 1980 by Canico but was unsuccessful because of the low grade of lead/zinc (3%) associated with the massive sulphides.

The present FORD/WOOF claims staked in the early 1980's by Utah Mines Ltd. during a time when regional exploration was intensified with the discovery of the Rea Gold deposit, located 15 - 20 kilometres to the northwest. Also during this time regional government geological mapping outlined a favourable belt of rocks



in this area with the potential to host massive sulphide deposits.

DISCUSSION OF RESULTS

Diamond Drill holes 36 and 37 were drilled to test a coincident copper/lead/zinc geochemical anomaly and an I.P. anomaly on the WOOF 3 claim. A thick pile of rhyolite tuffs and flows with sections of disseminated pyrite and traces of chalcopyrite and sphalerite. The best mineralized zone occurred in a siliceous pyritic zone at an argillite/rhyolite contact in hole 36; 1.03% copper, 0.01% lead, 0.03% zinc, 3.7 gm/ton silver and 0.08 gm/ton gold over 1 metre.

Diamond Drill holes 61, 62 and 63 were drilled to test a geophysical and geochemical anomaly on the FORD 4 claims which represents a southwest extension of the A-l mineralized horizon on the AXL 3 claim. These holes intersected weakly pyritized rhyodacite tuffs and flows with minor intercalated greenstone. The best assay returned 1.73% zinc, 0.04% copper, 0.07% lead, 4.3 gm/ton silver and 0.12 gm/ton gold over 0.94 metres in hole 63.

Diamond Drill hole 67 was drilled to a mineralized horizon below the A-1 Zone. This hole intersected 0.5% copper, 0.47% lead, 0.34% zinc, 3.1 gm/ton silver and 0.06gm/ton gold over 1.25 metres in rhyolite flows containing disseminated pyrite. The hole was



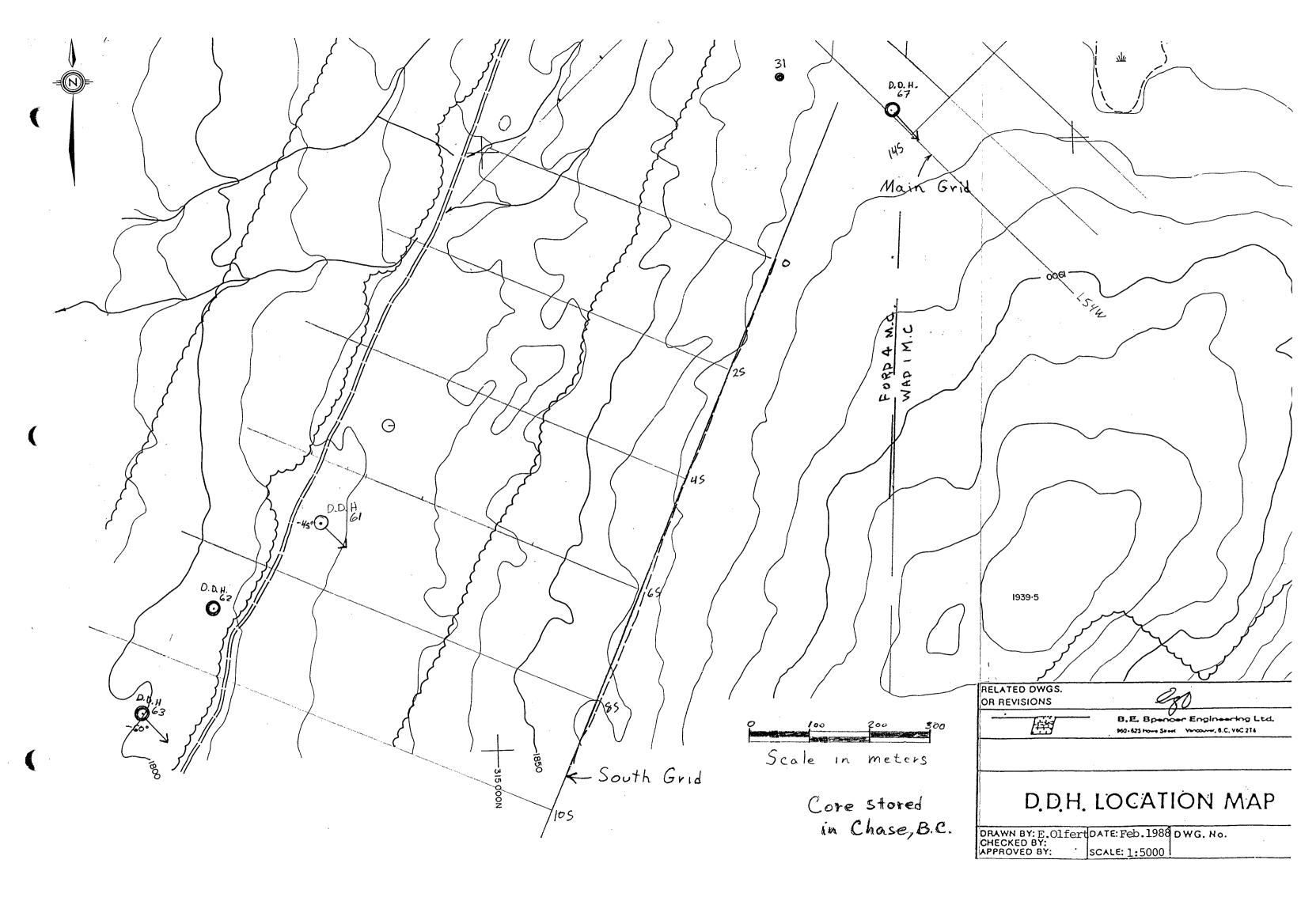
lost at 79.5 metres due to sanding.

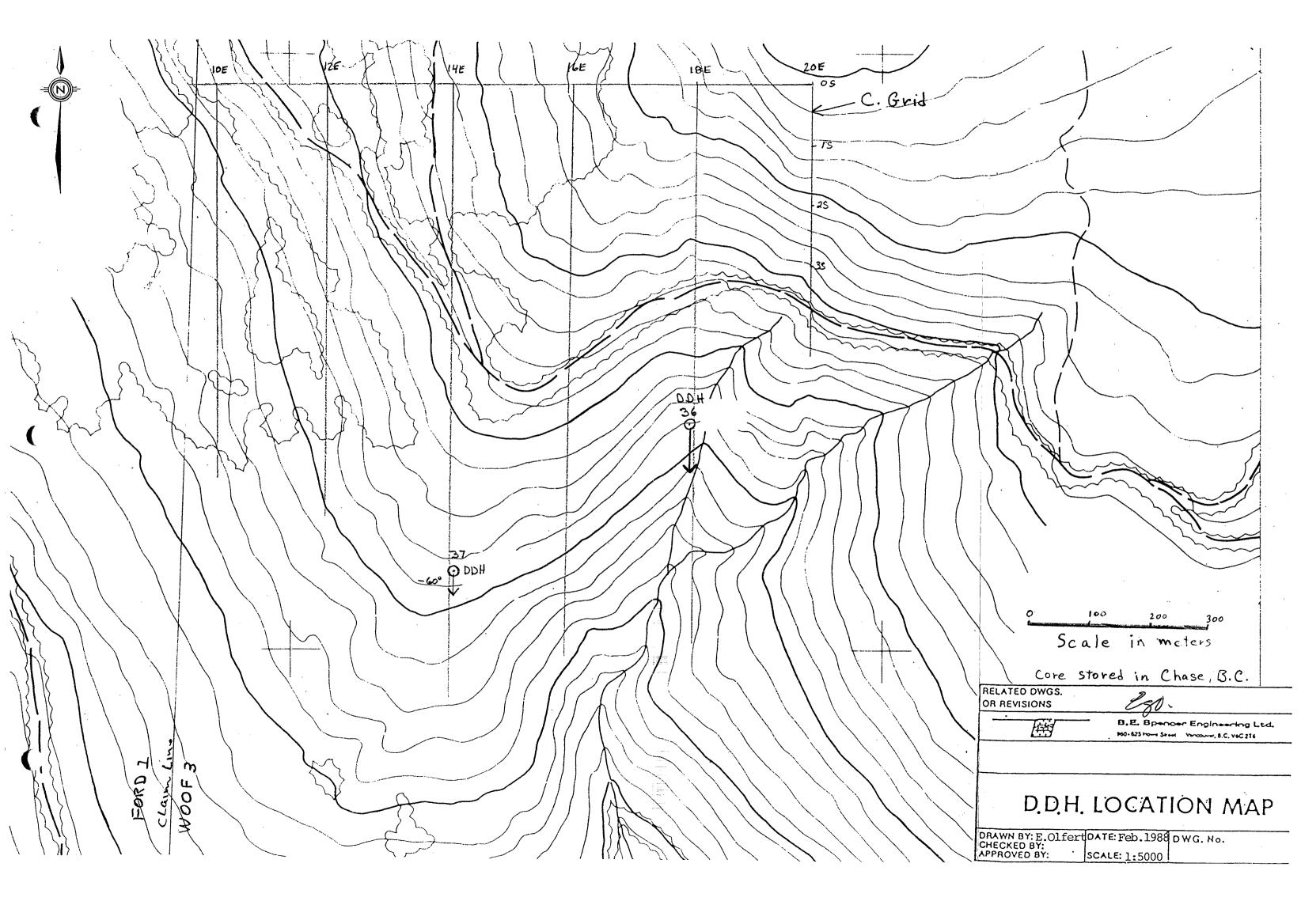
The opposite of the second

Ernest G. Olfert, B.Sc.

March 21, 1988 EGO:jz







STATEMENT OF QUALIFICATIONS

I, Bruce Everton Spencer, of the City of Vancouver, in the Province of British Columbia hereby certify as follows:

- 1) I am a Geological Engineer residing at 7 - 2485 Cornwall Avenue, Vancouver, British Columbia V6K 1B9
- 2) I am a registered Professional Engineer of the Province of British Columbia.
- 3) I am a graduate of the University of British Columbia with a degree of B.A. Sc. (1958).
- 4) I have practised my profession as a Geologist for more than twenty-five years.
- The drill programme was conducted under my supervision, and that of E. Olfert, a graduate of U of C., B. Sc. Hon. Geology who has over fourteen years experience in the exploration and mining industry.

March 21 1988

Date

Bruce Everton Spencer, P. Eng.

Bruce Everton Spencer, P. Eng



APPENDICES



COST STATEMENT

DIAMOND DRILL PROGRAMME FORD/WOOF

ADAMS EXPLORATION LTD. CLIFTON RESOURCES LIMITED

A. DIAMOND DRILLING - RDS Drilling Services Ltd.

June 25 - September 19, 1987

6 holes totalling 633.5 metres

633.5 m X \$90.60/metre

\$ 57,395.10

TOTAL

\$ 57,395.10

Ego.



Surface
-45°

O.B.

20.

The py, Ph, 2n

20.

RHYOLITE TO RHYODACITE

FLOW

dis. ry 1/2 - 1%.

60.

11/2 % py disseminations 0.05% Ca, 0.47% Pb, 0.34% Zn

27. Py.

3.19m Ag, 0.06 gm Au.

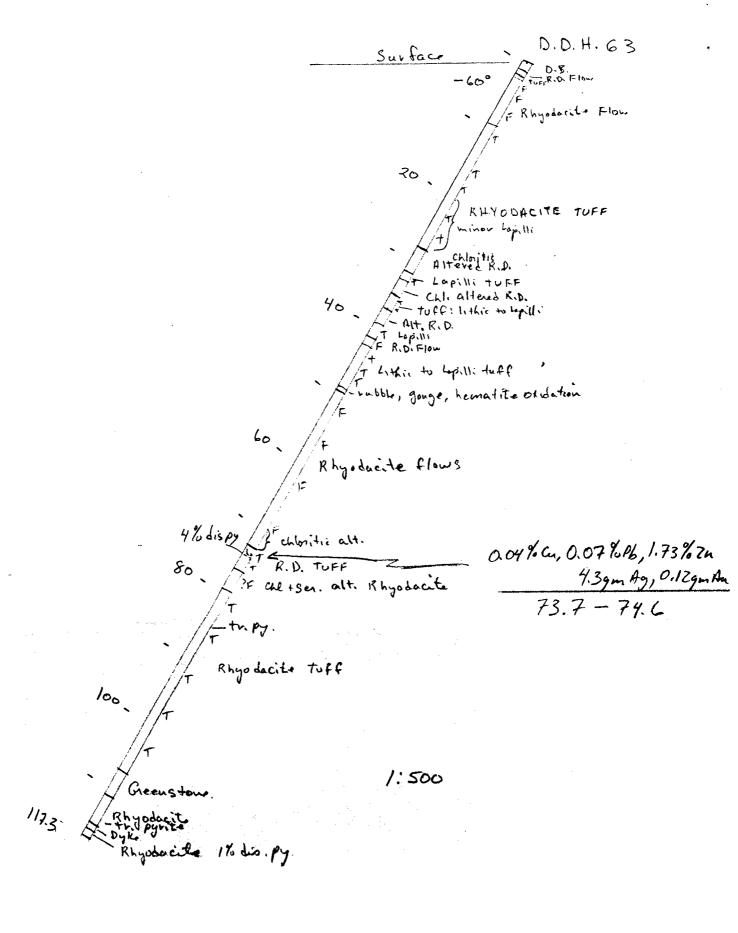
Porphyvitic RHYODACITE Flow

Dyke + fault-gouge.

Sanded in

DIAMOND DRILL LOG

Location S. Grid	131	1W 50S	Property: FORD N.T.S.	4	Core Size		Olfert	Pag	e <u>l</u> of <u>l</u>		Hole No.: 67								
Latitud			Elevation:		Bearing	135°	<u> </u>	Col	lared:	Sept									
Departu				(Sanded in)	Dip:	-45°			pleted:		ember								
М.	·		Descript	ion		Core Angle	Sample I	ength To	Sample No.	Au	Ag	Cu	Assa Pb	ys Zn					
0	4.6	OVERBURDEN	-							ţ	-								
4.6	72.5		RHYODACITE FLOW: mediu quartz veins at 10.2-10.			80°							e de Nabella						
		15.1-13.9 co pyrite and 50.3-50.9, 52.1	oarse secondary quartz a lead and trace zinc; tra -53.3,53.6-56.1, 619; wea	and feldspar with ace zinc at 48.8,4 ak sericite alter	n coarse 18.2, ration,														
		4.6-35.4, 1-1	erate chlorite alteration disseminated pyrite disseminated pyrite				60.9	6a:2	11271	.06	3.1	.05	.47	.34					
72.5	77.7	PORPHYRITIC weak to mode porphyritic	RHYODACITE FLOW: quart erate sericite/chlorite near dyke contact	z phenocrysts up	to ½cm; 77.7 non	60-65°							27 .			_			
77.7	79.6		UGE ZONE (FAULT): 77.7-79 of gouge and rock chips;				· · · · · · · · · · · · · · · · · · ·												
			in and abandoned 79.6r	n												-			
		1 ASSAY TAKI	EN ON THIS HOLE													 			
				· · · · · · · · · · · · · · · · · · ·										•		-			
						·				+									
	-					·													
		1									-		1						



DIAMOND	DRILL	LOG

Locatio			Property: UTAH	FORD 4	Core Siz	e BQ			_	<u> </u>				***************************************					
	7 1	+00W	N.T.S.		Logged B	y E.G.	Olfert	Pag	$\frac{1}{2}$ of $\frac{3}{2}$		Н	ole	No.:	63					
Latitud	le:		Elevation:		Bearing	ng 135°		Col	Collared:			August 30, 1987							
Departu	ıre:		Depth: 117.3m		Dip:	-60°	Com	pleted:		September 9, 1987									
М.			Descriptio	n		Core	Sample L	ength	Sample			;	Assay	vs.					
P1 •						Angle	From	То	No.	Au	Ag	Cu		Zn					
0	1.2	CASING								ÿ							_		
1.2	1.8	CHLORITIZED	RHYODACITE (FLOW?): non-ba	nded, fine-	grained											1			
1.8	2.4		UFF: sericite banded; weak		e sericite	70°													
		alteration;	some small clasts; trace py	rite															
2.4	9.9	CHLORITIZED streaky but	"RHYODACITE" (FLOW?): trace non-banded	e of tuff a	t 8.4-8.5 ;	80°										1			
9.9	10.8	RHYODACITE I	UFF: well-banded: moderate	sericite a	<u>lteration</u>	80°	:												
10.8	24	RHYODACITE:	streaky but not banded; mo	derate-inte	nse														
		chlorite/ser	ricite alteration; lapilli f	ragments at	20.9-21														
24	27.7	TUFF: rhyod chlorite alt	dacite lithic to lapilli mod	erate seric	ite	85°													
		cinorite art	ceration																
27.7	31.9	altered chlo	DACITE: streaky but not ba orite; weak-moderate sericit	nded, modera e	ate to well														
•		2 cm gouge c	contact		·														
31.9	32.5	LAPILLI TUFF ation; fragm	": high chlorite; weak-mode ments 1"+	rate serici	te alter-	90°										<u>.</u>	•		
32.5	34.7	ALTERED RHYC	DACITE: as above, non-band	ed very chlo	oritic														
34.7	37.3	TUFF: lithi	<u>c to lapilli; weak-moderate</u> eration; trace pyrite and z	sericite; l	high	80°			:										
		Chicite at			and 0.00							-	-		_	+			
	•	•				'	•		, ,	1	1	1	1	1	ļ	1			

DIAMOND DRILL LOG

Location	-	lls	Property:	FORD 4	Core Size	e BQ															
	7	7+00W	N.T.S.			Logged B	y E.G.	Olfert		Page	<u>2</u> of <u>3</u>		Hole No.: 63								
Latitud	e:		Elevation:			Bearing	135°		Coll	ared:	Aug	ugust 30, 1987									
Departu	re:		Depth: 117.	.3m		Dip:	-60°		Comp	leted:	eptember 9, 1987										
м.			Descr	ipti	o n		Core Sample							Assays							
							Angle	From	T	0	No.	Au	Ag	Cu	Pb	Zn					
37.3	39.6	RHYODACITE (CHLORITE ALTEREI	o: no ban	ding; moderate	sericite	85°					OTHE	9,00								
		39-39.6																			
39.6	41.5	LAPILLI TUFF trace pyrit	F: high chlorit e	te, medium	sericite alte	red;	85°														
41.5	42.5	ALTERED RHY	ODACITE FLOW:	grainy tex	kture; chloriti	.c															
42.5	48.5		ic to lapilli;			oderate	80°														
		sericite; q	wartz veined an	d pyritic	at top																
48.5	49.7		LE ZONE: gouge n quartz veinin		ase; traces of	hematite					ng managan sana sana	a de la como		- maga garan enga ga nagagan gagan garan	2AU 240 241						
49.7	65		FLOW: grainy t			1-61.4							12 (2)								
			ated pyrite, fe	_		And the second s									77.8						
65	65.5	QUARTZ VEIN	I: lead and hem	atite at]	lower contact						· · · · · · · · · · · · · · · · · · ·						$\neg \dagger$				
65.5	70.1		FLOW: medium c trace pyrite	hlorite al	lteration; weak	sericite;															
70.1	72.8	Highly chlo	oritized rhyodac	cite (flow)) trace pyrite,	non-banded															
72.8	76.5		odacite; parts m					73.7		14.6	11265	.12	4.3	.04	.07	1.73					
		sericite, r	nigh chlorite, p	oyritic; 19	765.14.1 48 CLS	seimated					· ·										
<u>7</u> 6.5	77.6	RHYODACITE: trace epido	moderate to h	nighly ser	icitic; moderat	e chlorite;	85°				. * .										
	ļ	Lace epide																			
	1							1		1			T								

Location: 11S 7+00W	Property: UTAH FORD 4 N.T.S.	Core Size BQ Logged By E.G. Olfert	Page <u>3</u> of <u>3</u> Hole No.: 63
Latitude:	Elevation:	Bearing 135°	Collared: August 30, 1987
Departure:	Depth: 117.3m	Dip: -60°	Completed: September 9, 1987

Departu	re:	Depth: 117.3m	p: -6	.00	Сол	mpleted:	Sept	ember	9,	1987			
м.		Description	Core	Samp	le Length	Sample				Assa	vs	 	_
м.		Description	Angle	Fro	m To	No.	Au	Ag	Cu	Pb	Zn		_
77.6	79.7	RHYODACITE: moderate sericite; moderate chlorite alterate streaky (probably flow); trace pyrite	tion;							<u> </u>			_
		streaky (probably flow); trace pyrite	į										•
79.7	107	RHYODACITE TUFF: moderate sericite; moderate chlorite alteration; streaky with local evidence of banding and sh	hort 85-90°										
		sections of lapilli fragments (lapilli 86-88.4); trace py minor reddish hemitite oxidation 833-89 (1-1% dissemination 833-89)	yrite;										
<u> </u>		pyrite %3:%.9)							77.7 17.7				-
107	111.3	GREENSTONE: fine-grained; calcareous; streaky but non-ba	anded;										_
111.3	115	RHYODACITE: weak to moderate sericite alteration; moderate chlorite alteration; 18 pyrite 13.7-115; minor gouge at											
		lower contact											_
115	116	PROBABLE DYKE: siliceous 3% disseminated to coarse pyrit reddish hematite oxide; foliation parallel to core; 5% ex											_
116	117.3	RHYODACITE: disseminated pyrite 1%; epidote 3-4%; modera	ate 75-80°					1.1.1					
		sericite alteration; reddish hematite oxidation											_
		End of hole 117.3m											
		1 ASSAY TAKEN ON THIS HOLE											
						ja:							_
									+			1	
			5	1			_		-			 1	-

Surface.	<u>o</u>
-90°	O.B.
10 ²⁵ /4	Toyk. - A.D. TUFF - Greens tone Flow. T Rhyodacit to Guenstone
20 -	tuff Gnst. Flow.
30 -	tr. zn. Khyodoát tuff
40=	T R.D. Lithic/Lopilli tuff F Greenstone Flow. I R.D. tuff F R.D. Flow.
50.	Hapilli RHY. Dacity Trups TUFF
60 -	F RHY. Doite Flow.
nangaya (menakeran a menakera	T R.D. to FF Lithic/Lopilli T atz. vein
go -	Chloritized R.D. Lapailli tuff

1:500 No Assays taken.

Location:	L9S	Property: FORD 4 UTAH	Core Size	BQ					
	6+60W	N.T.S.	Logged By	E.G	. Olfert	Page	$\frac{1}{2}$ of $\frac{3}{2}$	Hole No.: 62	
Latitude:		Elevation:	Bearing	135	0	Coll	ared:	August 28, 1987	
Departure:		Depth: 81.4m	Dip:	-90	0	Comp	leted:	August 29, 1987	
				Core	Sample Io	na+h	Cample		

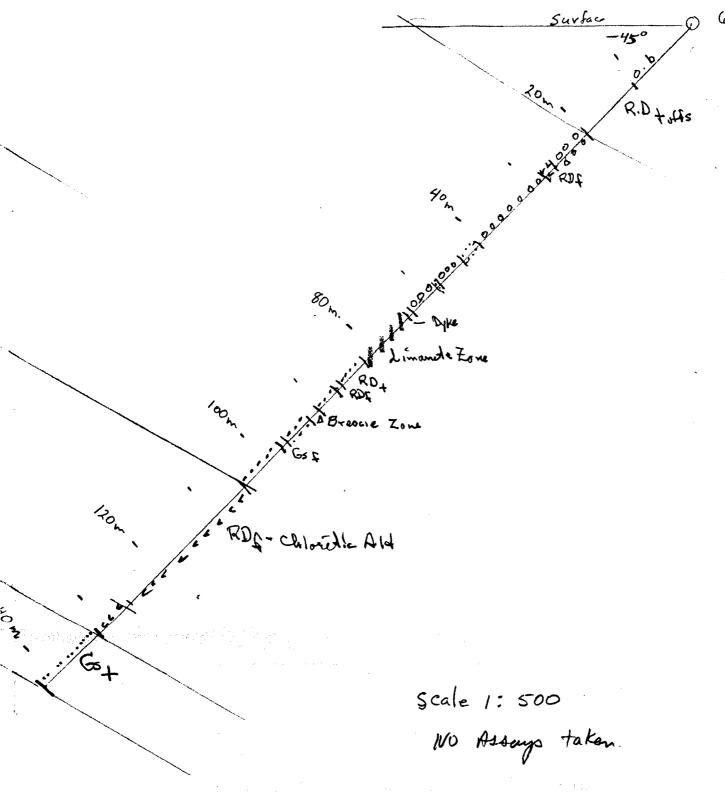
м.		Description	Core	Sample I		Sample				Assa	vs		
М.		Descriperon	Angle	From	То	No.	Au	Ag	Cu	Pb	Zn		
							ų						
0	3	CASING											
3	4	RUBBLE: greenstone dyke and chlorite rhyodacite											
4	5.5	TUFF: chlorite rhyodacite type; 10-15% epidote (traces of	60-65°					****					
		hemitite oxide min.); few dyke remnants 4-4.6		-									
5.5	7.2	GREENSTONE DYKE: 35° upper contact, fine-grain pyrite 5%, epidote blotches											
7.2	9	TUFF: chloritized rhyodacite, few quartz fragments at 85;		-		;							
		5% epidote fractures, trace pyrite, minor reddish hematite oxide					² ²						
9	9.3	GREENSTONE DYKE: 5% disseminated pyrite; 50° lower contact											
9.3	10.9	GREENSTONE: flow, weakly calcareous	55°		· · · · · · · · · · · · · · · · · · ·								
10.9	12.3	TUFF: rhyodacite, chloritized, sericitic banding, trace	50°										
		disseminated pyrite											
12.3	13.1	GREFNSTONE: faint banding (probably tuff); disseminated pyrite specks	55-60°							·			
13.1	18.9	TUFF: rhyodacite; chlorite altered; weak sericite	55°			* * *							
		alteration but noticeable in banding; trace pyrite											
18.9	19.4	GREENSTONE: flow					1					\dashv	_
19.4	30.5	TUFF: rhyodacite; chlorite altered; weak-moderate sericite banding with epidote; mineral zone \$7.1-27.3 5% pyrite with	60°				1					+	

Location: L9S 6+60W	Property: FORD 4 UTAH N.T.S.	Core Size BQ Logged By E.G. Olfert	Page <u>2</u> of <u>3</u> Hole No.: 62
Latitude:	Elevation:	Bearing 135°	Collared: August 28, 1987
Departure:	Depth: 81.4m	Dip: -90°	Completed: August 29, 1987

ł	1		Core	Sample 1	Length	Sample	1			Assa	37 C		
М.		Description	Angle	From	To	No.	Au	Ag	Cu	Pb	Zn	\Box	
							ý	1.15.1					
		traces of zinc.											
30.5	36.9	LAPILLI TUFF: chloritized; fragments to 1 cm.; weak sericite;	45-60°					1 *** **. 1 *1.					
		common epidote; thin lithic tuff band at 37.5-37.6											
36.9	37.8	TUFF: rhyodacite; chloritized; weak sericite, epidote; strong hematite at the base	55°										
37.8	38.4	GREENSTONE: 1% fine-grained pyrite (probably flow)											
38.4	41	LITHIC TO LAPILLI TUFF: rhyodacite; chloritized; large	55°		_								
		fragments at lower contact; clasts to 2 cm; weak sericite											
41	43.6	GREENSTONE: probably flow; disseminated pyrite ½-1%;			-								
43.6	45.7	TUFF: chloritized, trace pyrite; weak sericite, moderate at top; reddish hematite bleb at 44.2	65°										
45.7	46.8	FIOW: rhyodacite, chloritized			· .								
46.8	49.4	TUFF: lithic rhyodacite; chloritized, epidote fractures	65°										
49.4	55.3	LAPILLI TUFF: light fragments to 1" in chlorite matrix	60°								1		_
		(chlorite tuff 53.0-53.3, dark chloritie wisps)											
55.5	60.4	FLOW: chlorite rhyodacite; highly chloritized; dark chlorite flecks 1 cm long are probably metamorphic											
60.4	63.1	LAPILLI TUFF: light siliceous fragments to l"; chloritized	60-65°										
		matrix; several lithic chlorite tuff bands near base; epidote common											

Location: L9S		Property: FORD 4 UTAH	Core Size	e BQ				T					
6+60	W	N.T.S.	Logged B	y E.G	. Olfert	Page	$\frac{3}{2}$ of $\frac{3}{2}$		Hol	e No.:	62	:	
Latitude:		Elevation:	Bearing	135	•	Coll	ared:	Augus	t 28,	L987			
Departure:		Depth: 81.4m	Dip:	-90	,0	Comp			t 29,				
м.		Description		Core Angle	Sample L From	ength To	Sample No.	Au	Ag C	Assa u Pb		T	
				 			L	1 1	1	1	1 1		1

			Core	Sample 1	Length	Cample							
М.		Description	Angle	From	To	Sample No.	Au	Ag	Cu	Assa Pb	Zn Zn	\top	T
63.1	64.4	TUFF: well-banded; highly chloritic; epidote banding and	55°	-			· •						
	04.4	fractures	35			1	3	3				\dashv	
64.4	72.1	TUFF: lithic to lapilli, fragments are variable, light to dark but siliceous; sericite weak; epidote up to 5%; pyrite quartz veining 68.1-68.6	50-55°										
72.1	73.6	QUARTZ VEIN: locally quartz carbonate; chlorite and sericite selvages with pyrite; minor reddish hematite oxide min.;										_	
		, trace lead at top											
73.6	81.4	IAPILLI TUFF: chloritized rhyodacite, mostly light fragments to 1"; green chlorite wispy flecks 73.9-15.4; few epidote	55-60°			- 1			14. 24. 14. 4			\top	
	-	fractures and laminations, trace pyrite					,			1			
		END OF HOLE 81.4											
		NO ASSAYS TAKEN ON THIS HOLE											
													-≟
												\perp	
												\perp	
	Į.]					-			-			



Location:	L6+80S	Property: UTAH FORD 4	Core Size	ВО		
	5+32W	N.T.S.	Logged By	B.E. Spencer	Page <u>1</u> of <u>2</u>	Hole No.: 61
Latitude:		Elevation:	Bearing	135°	Collared: August	26, 1987
Departure:	•	Depth: 122.8m	Dip:	-45°	Completed: August	28, 1987

	,													
м.		Description	Core	Sample L	ength	Sample				Assa	vs			
141.		b c s c l l p c l o n	Angle	From	То	No.	Au	Ag	Cu	Pb	Zn			
							4							_
0	3	CASING										1		
2	10.7	RUBBLE: short 7.3m								·				_
3	10.7	RUBBLE: SHOLE "311			 									
10.7	19.8	RHYODACITE TUFFS: 10.7-14.9 short 3m; chlorite-epidote altered												
		cut at 70°												
19.8	26.2	IAPILII TUFFS: 60% augen feldspathic fragments in a chloritic matrix												
26.2	27.9	RHYODACITE FLOW: speckled texture												
27.9	30.6	DYKE: fine-grain, hornblende crystals, epidotized inclusions							-					
30.6	40.8	IAPILLI TUFFS: as above; very distinctive rocks; not												
		encountered before												
40.8	43.9	LITHIC TUFFS: uniform grey rhyodacite												
43.9	47.2	LAPILLI TUFFS: as before												
47.2	47.9	LITHIC TUFFS:												
47.9	53.6	IEPILII TUFFS: as before											 }	•
53.6	54.9	DYKE: fine-grained, dark green					-		$\neg \dagger$			十		
54.9	56.7	LAPILLI TUFFS: chloritized-epidotized												
56.7	62.8	ALTERATION ZONE: lapilli tuffs with abundant limonite; most washed our during drilling; chloritized, some pyrite												

DIAMOND DRILL LOG

Core Size

BQ

UTAH FORD 4

Property:

Location:

L6+80S

	5+3	32W	N.T.S.	Logged B	у В.	E. Spencer	Page <u>2</u> of <u>2</u>		. F	lole	No.:	61		
Latitud	e:		Elevation:	Bearing	13	5°	Collared:	Αι	ıgust	26,]	1987			
Departu	re:		Depth: 122.8m	Dip:	-4	5°	Completed:	Αι	ıgust	28,]	L987			
м.			Description		Core Angle	Sample Lend From	gth Sample		Ag		Assa Pb	ys Zn		<u> </u>
		short 1.5m						*						
62.8	67 <u>.1</u>		UFFS: fine-grained, greenish-grey	:										
67.1	68.6	GREENSTONE F	IOW: fine-grain, massive, epidotized	<u> </u>										_
68.6	70.7	LITHIC TUFFS	: banded at 80°; grey-green color, r	hyodacite										_
70.7	72.8		: altered tuff fragments in a limey isseminated pyrite	chloritic									_	-
72.8	77.4		: as 68.6-70.7, 74.1-74.4 breccia zone; monite stained	this section					ere a éstat a					
77.4	78.9		IOW: fractured, limonite stained; ep	oidote/										
		chlorite alt		3				in Attention		17.7				
78.9	85	fractures	: grey-black fine-grained, non-bande	epidote										
85	112.5	alteration; quartz vein;	10W/GREENSTONE: grey-green epidotize 92.7-93.1 5% pyrite above 3m poorly 93.1-9%.1 3% disseminated pyrite;	defined							*:			
			vein 5% pyrite											
112.5	122.8	TUFFS: dar argillaceous	k green, weak chloritic; cut at 75°; section	113.7 6"			1							
		END OF HOLE	1228m										+	+
		i	AKEN ON THIS HOLE	3				-						

D. O. H. 37 Surface 10.B. Rhyolit cots./Ser. Schist Sericit alteration tr. py. Qt3. flooded gone. Straces of Lapilli Tuff. Rhyolite Senicite altered Fth Zine Lapilli tuft 19tz. In cite Schist

DIAMOND DRILL LOG

FORD Core Size Location: 14+07E, 8+13S On c Grid Property: BO Page 1 of 2 Hole No.: 37 E.G. Olfert N.T.S. Logged By Elevation: Collared: July 3, 1987 Bearing due south Latitude: Completed: July 7, 1987 Depth: 77.7m Dip: -60° Departure:

			Core	Sample 1	Lenath	Sample	1			Assa			
М.	Rec'y	Description	Angle	From	To	No.	Au	Ag	Cu	Pb	Zn		
							,						
-4.6		OVERBURDEN	 										
.6-7	76%	HIGHLY WEATHERED QUARTZ SERICITE SCHIST: ankeritic iron staining medium-grained texture; grey/brown											
		staining medium-gramed texture; grey/brown											
-22.1	100%	SILICEOUS QUARTZ SERICIT SCHIST: ankeritic weathering; light grey/white except where weathered; few platy sericitic zones	80°										
2.1-27.2	100%	QUARTZ SERICITE SCHIST: platy, rubbly weathered and broken	80-85°										
		zone; manganese staining and minor rust; pyrite trace at 25.3											
27.2-40.2	100%	QUARTZ SERICITE SCHIST: moderate-high sericite alteration, low-medium siliceous; very platy sections (waxy); traces of	80°									1	
		very fine-grained pyrite; (pyrite salvages %4-36.7)											
10.2-41.3	100%	QUARTZ FLOODED/VEINED ZONE: Quartz, sericite, manganese staining, disseminated pyrite											
11.3-45.3	100%	BANDED QUARTZ SERICITE SCHIST: light grey to creamy, moderate	80°										
		sericite alteration; (Rhyolite, Lapilli Tuff) few small fragments and pyrite salvages 45.1											
15.3-56.5	100%	LIGHT GREY/CREAMY QUARTZ SERICITE SCHIST: moderate sericite	75°										
		alteration; quartz eyes frequent; disseminated fine-grained pyrite bands 52,1-56.4, 1-2%; trace zinc 553-56.4											
6.5-59	100%	QUARTZ SERICITE LAPILLI TUFF: (speckled and laminated zone	80°										
		small quartz clasts); light grey; (57.3-58.1 quartz flooding veining); moderate-high sericitic alteration; traces of pyrite											
59-59.6	100%	CREAMY FINE-GRAINED QUARTZ SERICITE SCHIST: moderate sericite	75°										
		alteration; 1% disseminated fine-grain pyrite											

DIAMOND DRILL LOG

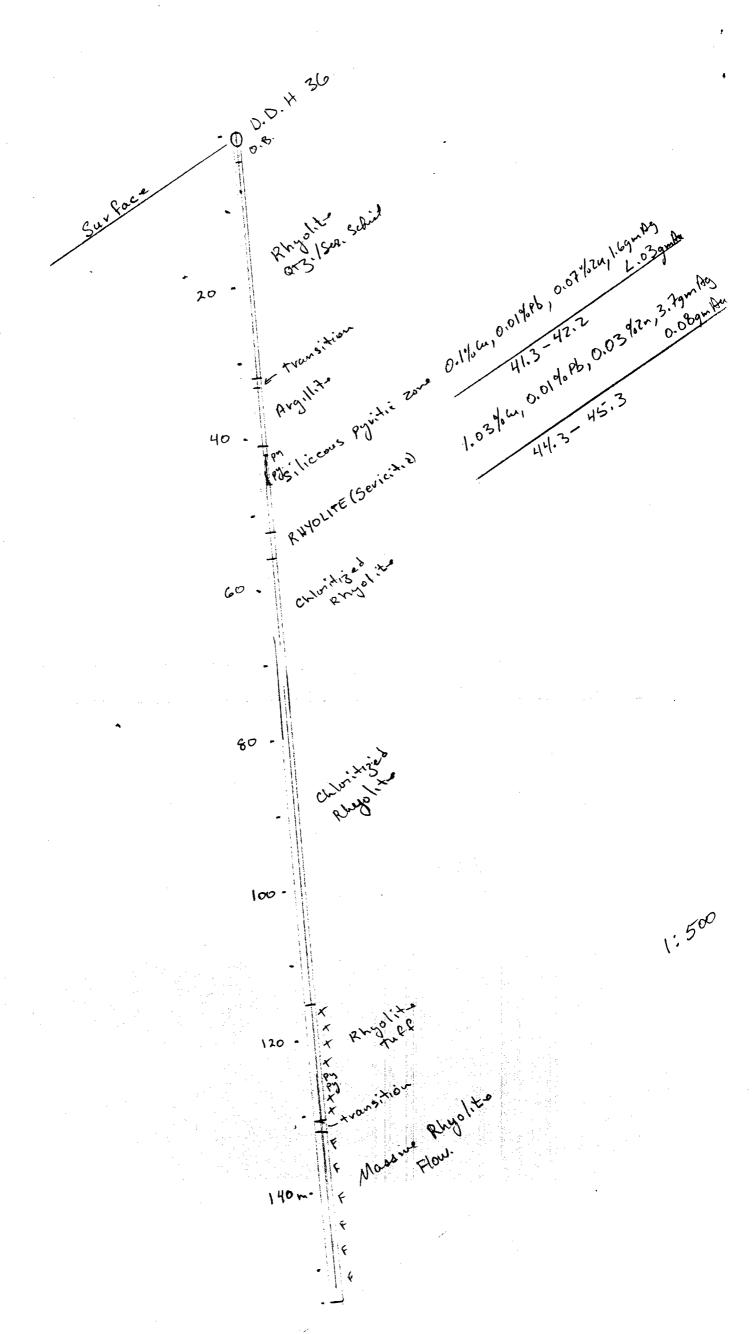
Property: FORD

14+07E, 8+13S

Location:

Core Size BO

Location: 14	+07E, 8+13S	Property: FORD	COLE SIZE	BU		}			1					
	C Grid	N.T.S. Logged By E.G. Olfert Elevation: Bearing due south				Pag	e <u>2</u> of <u>2</u>		Н	ole	No.:	3	7	
Latitude:		Elevation:	Bearing	due so	outh	Col.	lared:	July	3, 19	987		_,		
Departure:		Depth: 77.7m	Dip:	-60°		Com	pleted:	July	7, 19	987				
M. Rec'y		Description		Core Angle	Sample Ler From	ngth To	Sample No.	Au	Ag	Cu	Assav Pb	Zn	<u> </u>	
59.6-60.7 100%	QUARTZ SERIC		trace pyrite);	75°				ţ						
60.7-66.8 100%	CREAMY QUART	TZ SERICITE SCHIST: faint banding (perate-strong sericite alteration	probably lithic	75-80°										
66.8-68.9 100%	GREY-GREEN In places (I weak banding	TO CREAMY QUARTZ SERICITE SCHIST: sli Lithology as above, lithic tuff); tra	ightly chloritic ace pyrite,	70 – 75°										
68.9-77.7 44%	altered ser	Y QUARTZ SERICITE SCHIST (PAPER SCHIST icite/change to low core angle poor of near top with a few lapilli clasts	core recovery)	70-40°										
	END OF HOLE													
	Hole is mod	erate to highly sericite altered, on te assembled with fine-grained pyrite bably mostly tuffs (rhyolite) lithic	e at about 54.9.											:
													-	-
		_	entered of Control											



DIAMOND DRILL LOG

Location: L18E, 5+72S Grid C			Property: FORD CLAIMS (KM 12)		Core Size BQ				Page <u>1</u> of <u>2</u>												
			N.T.S.		Logged By E.G. Olfert								Hole No.: 36								
Latitude:			Elevation:		Bearing	Bearing due south				Collared: June				25, 1987							
Departure:			Depth:	Dip:	-60°			Comp	leted:	Jul	у 3,	7 3, 1987									
М.		Description			, and other	Core Angle	Sample Leng From T		Sample No.		Au	Ag	Cu	Assays Pb Zn							
0-3.66		OVERBURDEN										gm,	gm	ફ	ફ	ફ					
3.66-	67%	WEATHERED:	blocky quartz secondary quar	sericite schist,	chlorite	is bleached	65-70°														
12.2	100%	RHYOLITE: C	martz sericite	e ± chlorite schi	st; secon	dary white	65-70°			· · · · · · · · · · · · · · · · · · ·											
31.2		quartz with than 1%	chlorite 17.1-17.4	; traces of disse	eminated	pyrite less															
31.2- 33.4	100%	TRANSITION 2 banding more	TRANSITION ZONE: argillaceous cherty rhyolite; grey brow banding more distinct - cherty fragments and bands																		
33.4-	86%	ARGILLITE:	black, minor	tuffaceous sedime	nts; prob	ably	75%				-	n nig	1 %	a Tribbat							
40.4		graphitic; t quartz zones	races of spha 38.7-39, 40.2	lerite at 34.7 , 40 1 - 40.4	0.1- 40.4 	; secondary															
40.4-	100%	SILICEOUS P	YRITIC ZONE:	dark grey green g	uartz, ch	lorite		41.3	4	12.2	11326	〈 .03	1.6	.10	.01	.07					
50.9		sericite; no chalcopyrite	on-banded, 5% BEST ZONES	pyrite throughout 41.3-42.2 ,44.3	with py: -45.3	rrhotite and		44.3	_4	5.3	11327		3.7		.01	.03					
		approximate sphalerite ?cherty	ly 10-15% pyri 41-41.3 ; f	te/pyrrhotite and ew quartz eyes, ve	chalcopy ery silic	rite; trace eous zone															
50.9- 55.8	100%	SPECKLED LIC	GHT GREY RHYOL	ITE: chlorite spo quartz fragments	eckled, q 51.8-52.1;	uartz 1-2%		-										·			
	-	disseminated	d pyrite.				,														
55.8- 71.2	100%	schistosity	banding (tuff	HLORITE SERICITE: ?); disseminated; sewhere less than	pyrite 55.	fine grained 8-59.4 2%;	70-75°														

DIAMOND DRILL LOG

Location: L18E, 5+72S		Property: FORD CLAIMS (KM 12) N.T.S.		Core Size	Core Size BQ											-			
Grid C				Logged B	Logged By E.G. Olfert			Page	2 of 2	Hole No.: 36									
Latitude:			Elevation:		Bearing	Bearing due south			Coll	ared:	June 25, 1987								
Departure:			Depth:	154.5m	Dip:	-60°			Comp	July 3, 1987									
М.	Rec'y		Desc	ription		Core Sample Lend			th o	Sample No.		Au Ag Cu			Assays Pb Zn				
71.2 - 71.9	100%	QUARTZ SERIC massive, tra						ç											
71.9-	100%		RITE SERICITE	80°															
115.5		quartz veini	19783-799,85	- 35.3, 103.6-104.2; textural g above, medium grained n	change fine														
		below at 86	; tuff 119-86	minor banding at 10.5; s less than 1%	flow %-115.5														
115.5-	100%	OUARTZ SERIO	CITE CHLORITE	rained,	75°														
130.8	2000	siliceous, light grey with darker chlorite zones, loca centration of disseminated pyrite; 124.4-126.53% pyrite																_	
		(probable to	uff)																
130.8- 134.4	100%	RHYOLITE: grained) O	4 fine-	75-80°															
		grained pyrt		texture); 2% pyrite 131.7-	- 132.1 ,														
134.4-	100%	MASSIVE RHY	MASSIVE RHYOLITE FLOW: quartz sericite ± chlorite, mostly no																
154.5		schistory by	anding, medium	grained; minor dissemina specks elsewhere; 1454-146	ated pyrite 5,7 2 rounded														
		clasts 1" d																	
		END OF HOLE	154,5m.																
		2 Assays do	one on this ho	le				· ·											
		cherty, sil	iceous and pyr	entary/volcanic contact when the citic. Rhyolites in vicing (?argillaceous or chlorites)	nity of														
					\ : 4 \ \														