

Diamond Drilling

Area West of Sunday Lake

Report Nº 17

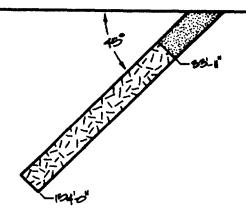
Work performed by: Ingamar Exploration Ltd.

Claim Nº	Hole NQ	Footage	Date	Note
P 553671	G83-1	161'	Feb/83	(1)
	G83-1A	547	Feb/83	(1)
	G83-2	500	Feb/83	(1)
P 555186	G83-3	505 (Feb/83	(1)
P 555187	G83-4	551 [′] ,	Feb/83	(1)
P 555184	G83-5	557 ,	Feb/83	(1)
P 555177	G83-6	457	Feb/83	(1)

Notes: (1) #116-83

arted	Feb	. 6/83	Beering 030° Az	Let.	Collar E	I.	Log	ged by J.	(. F	ilo	Date	Mar. 1
mpleted	Feb	. 8/83	Angle from Horizon _45°	Dep.	Bottom	. E1.	Ren	nerks Hold	e lo	st		
HOMANDE	RSTRO	M DRILLII	IG Length 160'-10"	Location L56E 1+00 \$		CORE SIZE : BQ						
		RECOVERY		DESCRIPTION		Se	mple	feet			AS	BAY
rom To	interval	LOSS *		***************************************		1	Vo.	From-To	Interval			
<u> 83'-</u>	11"	ļ	<u>OVERBURDEN</u>			91	59	147'-9"			<u> </u>	├
								to 149'	<u> </u>			<u> </u>
-11"to			GABBRO			91	60	149-152				
160	'-10	11	- medium	to coarse grained		9	61	152-155		L	<u> </u>	
			- appears	to have a speckle	ed ap	pearance 9	62	155-158				
\		,,	- from 37	' to 37'-4" a sma]	ll qu	artz- 9	63	158 to				
			calcite stringer	zone exists				160'-10'				
			- at 39'-	11" to 40'-2" a sm	nall	felsic						
			dyke was noted									
			- fractur	ing found in this	sect	ion						1
			- is gene	rally at high angl	les							
			75° - 85° to core	axis					1		1	
			- at 141'	-9" to the end of	hole							1
			(159') disseminat	ed pyrrhotite, mir	nor				 		<u> </u>	
			chalcopyrite									†
		 								<u> </u>	 	+
		 				- 		<u> </u>	 		 	1
		 -						 	ļ	ļ	↓	4

erted					Beering	Let.	Coller	EI.	Lo	ged by	15	 Date	
mplet	ed				Angle from Horizon	Dep.	Botton	n, El.	Re	merks		 	
Hier					Length	Location	Levei					 	
			RECO			DESCRIPTION			Sample			ASS	AY
rom	To	interval	LOSS	*					No.	From-To	fram/el	 	
-		ļ				s core losses in t					-	 	
_					hole; this hole e		e to					 	
4					excessive deviation	on					-		
_	`.												
\bot					87' - 97'				,			 · · · · · · · · · · · · · · · · · · ·	<u> </u>
					107' - 117'					<u> </u>		 	
_					117' - 137'								
_					147' - 152'						ļ	 	
_			1'	20%	152' - 160'-10"								
										<u>]</u>			
													



F4. 9

GLOBAL ENERGY FOULT LAKE

DRILL HOLE LOG bection No:

Hole Ha: 9-89-1

LEGEND



OVERENE

case: 1200-08



GATTE

erted	- (Feb	. 8/	83	Bearing 035° Az	Let.	Coller I	 E1.	Log	ged by J.		110	Dete	Mar.15/
mple	hed		. 11		Angle from Horizon _45°	Dep.	Bottom	n. El.	Rer	nerks				
Mer	MANDI	RSTR	OM DE	RILLING	Length 5471	Location L56E 1+005		CORE SIZE: 6	30		· · · · · · · · · · · · · · · · · · ·			
	To	Interval	RECO			DESCRIPTION			Sample No.	Feet From-To	Irespect		ASS	AY
	32½				OVERBURDEN				833	141-144			<u> </u>	
	2-2				OVERDONDEN			1		144-147				
•	to			(GABBRO				<u> </u>				1	
		-10	"	99	- this unit	is medium to co	arse	·			 		<u> </u>	
				1	grained; it is dan	ck in colour and	has							
					a speckled appeara								 	
					- basically	the unit has la	rge							
				1	phenocrysts of pyr	coxene with inter	stit	lal						
]	plagioclase; a lit	ttle quartz and s	ome							
				1	mica									
					- the unit	for the most par	t is							
				ì	barren of mineral	Estion except fo	יו							
-					the lower contact	with the metased	imen	ន						
					- the unit	is medium graine	d							
				1	up to approximate	ly 137', after th	is							
					the unit is genera	illy very coarse								
					grained with a hig		uart	Ż						
					and large phenocry									
					- some sma	ll quartz veinlet	S							`

iterted					Beering	Let.	Coller El	•	Lo	ged by	<u> </u>	Date	
omple	ted				Angle from Horizon	Dep.	Bottom.	EI.	Red	merks			
riller					Length	Location	Level						
From	To	Interval	LOSS			DESCRIPTION			Sample No.	Feet From-To	linterved.	ASS	AY
					- the cor	tact with the	lower		835	224-227			
					metasediments is		I.		836	232-234			
					to the core axis				837	234-237			
					- the mir	or Fe sulphid	e at this		838	237 to			
					contact is pyrrh					239'-10'			
		V ************************************						-	839	239'-10"			
-10	" t			100	METASEDIMENTS (1)		ig.		to 243			
	261'	-9"			- these s	ediments are	very fine		840	243-245			
		•			grained				841	245-247			
	`		ν.		- a sugar	y textured ap	pearance		842	247-249			
					on a fresh surfa	ce was noted			843	249-252			
					- this se	ction is mine	ralized		844	252-255			
					with 7 - 10% dis	seminated pyr	rhotite		845	255-257			
					and chalcopyrite	;1/10" fractu	re filling	s	846	2 57 - 259			
					of Fe and Cu sul	phides are oc	casionally		847	2 59 to			
					noted in this se	ction also.				261'-9"			
					- these m	etasediments	also con-		848	261'-9"			
					tain clots of ga	bbroic materi	al	1.01.070.00		to 264		1	\Box

iter	bod					Bearing	Lat.	Colle	w El.		Logg	ed by	2		Date	
om	plotes	đ				Angle from Horizon	Dep.	Bott	om. El.		Rem	erks				
)riiki	*					Length	Location	Love	d .							
				RECO			DESCRIPTION			Semp		Feet			AS	BAY
Fro	+-		Interval	LOSS		D. C. T. T.			1	No.	-	From-To	Interval		 	
1'-9		to			100	BASALT (2)				849		264-267	 -		 	
	+2	78	'-6"				m grained, dar			850	}	<u> 267-270</u>			 	
	+						ional infilled		??				 		_	
	4						4'-4" a clot c	f felsic			4		 			
	_					material is pr					_		ļ			
	1						pasalt is mine				_		ļ		.	
						with 7 - 10% C	والمتان والمتحاجب والبارة والمتحاط والبراء	ides up t	0		_					ļ
	+			Ť.		approximately	264'-4"		-		\dashv				 	
8 · - 6	" 2	83			100	METASEDIMENTS					-		 		1	
	十					- both	upper and lowe	r contact	s		_				1	1
	+					of this sedimen	ntary horizon	are at			7		1			1
-	†					about 60° to co							†		.	
	十					- these	sediments do	not appea	r						1 :	
	十				1	to have any app	parent mineral	ization						 	1	1
	+					- this	unit is as pre	viously						 		1
	12					described in (1)				\dashv		 	 	1	
	+										\dashv		┼			

iterted) 				Beering	Let.	Coller E1.	······	Log	ed by	11	Date	
omple	rted				Angle from Horizon	Dep.	Bottom. El.		Rem	orks Z			
riller					Length	Location	Level					 	
-	To		RECOV LOSS			DESCRIPTION			emple	Feet		ASS	AY
3 '	to	# NEW YEL	200	*					No.	From-To	Interval	 	
·		'-2"		99	BASALT						 		
					- this ba	salt is basic	ally the					 	
					same as that for	nd at (2)							
-					- it has	a massive app	earance;						
					it is dark in co	lor and mediu	n grained						
			,,		– mineral	ization is pro	esent in						`
					isolated spots b		alization						
					is not of major	significance							
					- a numbe	r of small qua	artz						
					veins and veinle	ts are noted							
					- the onl	y alteration	present						
					is found along m	inor fracture	planes						
					(talc-chlorite)								
-													
				100	Detail: 283' to	317'							
	1				- slightl	y coarser gra	ined						
		Ì			basalt from 288	to 290'						T	[

rted					Bearing	Let.	Coller El.	Lo	gged by	15		Date	
nele	ted				Angle from Harizon	Dep.	Bottom. El.	Ro	omerks 🕖				
ler					Length	Location	Level						
_			RECOV	/ERY		DESCRIPTION		Sample	Feet			ASS	BAY
~	To	Interval	LOSS	*				No.	From-To	Interval	ļ	<u> </u>	
					- some nar:	row quartz veinl	ets			<u> </u>	ļ		ļ
					in this section w	ith a green alte	ration					<u> </u>	
					associated with the	hem		951	300-302	<u> </u>			
					- basicall	y this section i	ខ	952	310-312			I	
					barren of mineral:	ization except f	or a	953	334-337				``
	\		i,		couple of quartz	stringers less t	han					1	
					1/10" wide at 300	'-2" and 310'-7"	with						
					minor pyrrhotite					1			
												1	
	,			98	Detail: 317' to	357 '				1			1
					- as descr	ibed above excep	t this						
					section contains	a few more quart	z					1	
					veinlets	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1						1	
					- a long v	einlet extends f	rom			1			1
					about 3341-6" to	377'; no mineral	1sa-					1	1
_					tion was noted			-		1	†	1	<u> </u>
٦		1			- some tale	e-chlorite was n	oted		1	1	†	1	+-
_					in a fracture (85	o to core axis)	at			1	 	1	+
\dashv		 	 		333'				+	 	 	+	+

GLOBAL ENERGY FAULT LAKE **HOLE No.** G-83-1A PROPERTY Section No. 1-A Beering Lat. Coller El. Started ompleted Angle from Horizon Dep. Bottom, El. Length Location Level RECOVERY ASSAY Feet DESCRIPTION Sample LOSS From-To Detail: 357' to 423'-8" 954 393-396 955 - similar to sections described 396-399 above - a few portions of this section are very blocky and fractured; these areas have talc-chlorite 956 443-447 associated with them - some minor quartz veinlets and clots exist from 395' to 399'; some minor Fe sulphides are found here less than 1% 423'-2" to FELSIC DYKE 100 424 ' -4" - pink siliceous dyke, rich in silica, no apparent mineralization 4241-4" to BASALT 100 -2

ì	terted)				Beering	Let.	Co	iler El.	Lo	ged by	18	 Date	
:	omple	ted				Angle from Horizon	Dep.	Во	ttom. El.	Re	merks 7			
)	riller					Length	Location	Le	vei				 	
-		То		RECO'			DESCRIPTION	•		Sample No.	Feet From To		 ASS	AY
•	-2"		171505			DELOTO DUVE				740.	FIGHTIS	Irena		
			-9"		100	FELSIC DYKE						1	 	
•		4251	-9"			- as des	cribed previou	usly		956	443-447	 	 	
, ; • ,	-9"	to		*	100	BASALT				957	464-467			
•	_	426	-3"		100	DAGABI								
-			-								 	1 1		
, 5 1	-3"	to			100	FELSIC DYKE								
-		426	-6"			- as des	cribed previou	usly						
-														
51	-6"	to			99	BASALT								
		477	-6"			- fine g	rained, dark	in color	· ,					
						more enriched i	n mica, more	schistos	e					
-						appearance								
							us quartz cal	cite						
						stringer veinle	ts						 <u> </u>	
_						- infill	ed vesicles no	oted??;						
-						clots of small	white clots							
-							s to be barre	n of						
			<u> </u>			mineralization		·						

HOLE No. G-83-1/ GLOBAL ENERGY FAULT LAKE Section No. 1-A PROPERTY Date Beering Lat. Coller El. Bottom, El. ompleted Angle from Horizon Dep. Length Location Level RECOVERY ASSAY Feet Sample DESCRIPTION Interval TOSS From-To MAFIC TUFFS - very fine grained, micaceous 958 4771-8" dark unit to 481' - this unit is also laminated, especially the latter 30 feet - the unit is also very heavily fractured - general fractures are at about 70° or less than 1% disseminated - a few quartz calcite veinlets and stringers are also present within this unit

FIG. 4

GLOBAL ENERGY FAULT LAKE

DEILL HOLE LOG

Section No:

Hole No: 9-83-12

LEGEND



OVERECEDEL



400000



POSSIT



FELOK DAKE



MAPL TUT



ARTA DEDINENTO

425-2" to 424-4" PELOC DAKE
424-4" to 420-2" EDOOLT
420-2" to 420-5" PELOC DAKE
420-5" to 420-6" PELOC DAKE
420-5" to 420-6" PELOC DAKE

425-2"

000 =: 1°60'-0"

iterted)	Feb.	11/83	Beering 03	0° Az	Let.	Coller El.		Log	ged by J' .	K. F	ilo	Date I	Feb. 23/
omple	ted	Feb.	14/83	Angle from Horl	zon -45°	Dep.	Bottom. (E1.	Ren	nerks				
)rHier]	MANDE	RSTRO	M DRILLI	NG Length 500	1	Location 52E 3+50S		Core Size : BQ						
			RECOVERY			DESCRIPTION		S	mple	Feet			ASS	BAY
Frem			LOSS ×						No.		(respect			
	16'			OVERBURDE	N				01	16'- 19	ļi			
								9	02	19 - 22			<u> </u>	
	64-	1'		GABBRO (1)			9	03	22 - 25				
				_	this un	it has a speckled		9	04	25 - 27				
				appearanc	е									
				-	the uni	t has coarse grai	ned				1		1	
				phenocrys	ts of p	yroxene in a fine				<u> </u>				
				grained g	round m	ass (dark in colo	ur)						1	
					some ph	enocrysts of plag	ioclas	е						
	,			feldspar	are als	o visible, some q	uartz						<u> </u>	
				is also p	resent				-		1			
			99	Detail:	17'-27'								1	
				-	as des	cribed in (1)					1	<u> </u>		
				_	at 18'	-6" small fractur	e i				1		 	
				plane, or	iented	at about 85° to c	ore				1		1	
						associated with t					1		1	
				<u> </u>		inor Fe sulphides					1		+	
				associate	d with	this section				 	t		+	 -

MPANY GLOBAL ENERGY

PROPERTY FAULT LAKE

Section No. 2

HOLE No. G-83-2

Started	Bearing	Let.	Coller El.	Logged by
Completed	Angle from Horizon	Dep.	Bottom. El.	Remerks 2
riller	Length	Location	Level	,

			RECO	VERY		Semple	Feet			A86/	٩Y
rom	To	Interval	LOSS	%	DESCRIPTION	No.		Iranya			
			0	100	Detail: 27'-57'	905	27'-30'				
					- as described in (1), no real	906	30'-33'				
					significant mineralization.	907	33'-36'				
					- some fractures oriented at	908	36'-39'				
					about 60° to core axis minor talc-	909	39'-42'				
					chlorite associated with these.	910	42'-45'				
						911	451-481				
			0	100	Detail: 57'-64'-1"	912	48'-51'				
					- contact with next unit grada-	913	51'-54'				
					tional, large clots of pyrrhotite	914	54'-57'				
					disseminated throughout end of unit	915	57'-59'				
					(4%)	916	59'-62'				
					- minor chalcopyrite (½%-2)	917	62'-64'	-1"			
-1	to				BASALT (2)						
	264	-8"			- sugary texture						-
					- this unit is very fine grained						
					and dark in color.		<u> </u>				
					- massive appearance, some		1				
) 	biotite mica is also noted.		1	 	 		

HOLE No. G-83-2 PROPERTY FAULT LAKE GLOBAL ENERGY Section No. 2 PANY Coller E1. Bearing Lat. Angle from Horizon Bottom, El. Remerks 2 Length Location RECOVERY ABBAY Feet DESCRIPTION Semole Intered LOSS % From-To Detail: 64'-1" - 77' 100 64'-1" 918 - this portion of the unit conto 661 tains 4-5% disseminated pyrrhotite 66'-68' 919 and 1-2% chalcopyrite. 68'-70' 920 - a couple of large clots of 921 70'-72' mineralization also exist. 72'-74' 922 - the mineralization primarily 741-751 923 from 64'-1" - 71". - this section also has a number of fractures oriented approximately 60-90° to core axis; these narrow fractures are infilled with talc. Detail: 77' - 97' - as described in (2) 924 87'-90' - has minor sulphides dissemin-94'-97' ated at random throughout this 20 ft.; no real substantial mineralization present.

terted					Bearing	Lat.	Coller Ei,	L	ogged by	15	Date	
omplet	ed				Angle from Horizon	Dep.	Bottom. El.	R	emerks /			
iller					Length	Location	Level					
			RECO			DESCRIPTION	A Su de cale de Carlo	Sample	Feet		^	SSAY
rem	To	Interval	LOSS	*		· · · · · · · · · · · · · · · · · · ·		No.	From-To	Interval		11
			0	100	Detail: 97' - 1	L47'		926	102'-11"			
					- as desc	ribed previous	ly in (2)		103'-4"			
			,		- this se	ection has only	minor	927	107-110	}		
					disseminated Fe	sulphide spora	tically	928	117-120			
					distributed thro	oughout.		929	120-123			
					- a numbe	er of small qua	rtz veins	930	137-140			
寸					also exist rangi	ing from 2"-5"	in length					
					along this secti	lon; these appe	ar		 -			
					barren but conta	ain a reddish s	iliceous					
					mineral (garnet?	??).						
1			<u> </u>									
1			0	100	Detail: 147' -	177'		931	147-150	,		
			-		- as desc	eribed in (2)		932	150-153	1		
					- only mi	nor disseminat	ed Fe	933		1		
					sulphides noted			934		1		
一					- occasio	onal quartz str	ingers	935		1		
1					are present			1				
7		<u> </u>			- at 181	'-3" a small re	d clot		- 	1	+	+
				-	of a siliceous n	nineral noted (garnet)			 	+	

FAULT LAKE Section No. 2 HOLE No. G-83-2

iterted Beering Let. Coller Et. Logged by Date
Completed Angle from Horizon Dep. Bottom. El. Remerks

Friller Length Location Level

PROPERTY

GLOBAL ENERGY

OMPANY

11107					Length	Lavel						
			RECO	VERY			Semple	Feet			A86	AY
om	To	Interval	LOSS	%	DESCRIPTION		No.		lean-ed			
			0	100	Detail: 177' - 217'		936	197-200				
					- as described in (2)		937	207-210				
7					- 3" quartz-calcite vein at		938	217-220				
7					187' and a few quartz veinlets not	ed	939	237-240	1	ļ		
					throughout section.		940	240'-10"				
					- this section also contain	ns a		241'-6"				
					few clots of biotite mica							
					- no apparent mineralization	on						
					noted							
					- fracturing in this section	on is						
					at 60-80° to core axis.							
					- talc chlorite associated	with						
					fractures.							
_		<u> </u>	0	100	Detail: 217' - 264'-8"				 	 	 	<u> </u>
_			Ť	-00	- this section similar to p	ore-			 	 	 	
_					viously described section.					†	 	
		1			- at 240'-10" to 241'-6" a			† 	 	†	 	
					very small talc-chlorite alteration	on			1	1		
					zone was noted.					†	1	†

	iterted					Beering	Let.	Coller El.	L	ogged by	3	Dete	
	omple	ted				Angle from Horizon	Dep.	Bottom. El.	R	merks			
	ir iller					Length	Location	Lovel					
	From	To	Interval	MECU LOSS			DESCRIPTION		Sample No.	Feet From-To	Interval	ASSA	,Y
64	'-8'	267			100	FELSIC DYKE (3	3)		941	264'-8"			
						- purple	color, very	hard		267'-3"			
						(siliceous) and	fine grained	i, no					
						visible mineral	ization, uppe	er contact		1			
						at 45° to core	axis, lower	contact at					
						60° to core axi	S.						
- 67 i													
67	'-3'	268	-10	,		BASALT:	· · · · · · · · · · · · · · · · · · ·				$\downarrow \downarrow \downarrow$	 	
	_						cribed previo	ously				 	·······
68		" to		L	100	FELSIC DYKE				<u> </u>	1_1	 	
		269	-10	'		- as des	cribed previo	ously in (3)		1	-		
69	-10	" to				BASALT:							
		313	'-8'			Detail: 269'-1	.0" - 2871						
						- sugary	texture as	lescribed					
						previously in (2).		,				
						- this s	ection of con	re is more					
						enriched in str	ingers of mid	ea, these					
						are oriented 45	o to core ax	ls.					

erted					Bearing	Lat.	Co	ller El.	Lo	ged by	4		Dete	
mplot	ed				Angle from Horizon	Dep.	Bo	ttom. El.	Rer	morks	•			
Mer					Length	Location	Le	/ei						
			RECO			DESCRIPTION			Sample	Feet.			ASSAY	<u>'</u>
om	To	Interval	LOSS	*					No.	Feet From-To	(range)			
_			0	100	- this se	ction relativ	ely		942	277-280	<u>'</u>			
					barren except fo	r minor iron	sulphid	es	943	280-283	'			
					less than ½%.				944	283-286	'			
					- fractur	ing ranges fr	om 45°	to						
					60° to core axis	•								
					- at 286'	 at 286' very broken blocky e begins with talc-chlorite alte 								
					core begins with									
					tion (small faul	t zone?)								
		tion (small faul												
	,		0	100	Detail: 287' -	313'-8"	····							
ヿ					- first t	wo feet of th	is sec-							
7					tion still block	y and broken,	some							
ヿ					talc-chlorite no	ted.					1			
┪					- this se	ction still e	nriched			<u> </u>	1			
7					with stringers o	f mica, the m	ica				†			
1					stringers become	less pronoun	ced			†	 	1 1		
┪					towards end of h	ole.	 			<u> </u>	1	 		
-					- fractur	es still at 4	5° to 6	00		 	+-	 		
\dashv				 -	to core axis.						+	 		

\$	terted					Beering	Let.	Coller El.		Log	ged by	15.		Date	
;	omplet	ed .				Angle from Horizon	Dep.	Bottom.	EI.	Rem	norks		*** •**	***************************************	
,	· iller					Length	Location	Level							
· •	Frem	To	interval	RECOV LOSS			DESCRIPTION			Sample No.	Feet From-To	Interval		ASE	AY
13'	-8'	to				TUFF (MAFIC) (5)								
-		412	'-1"			- this ur	it appears to	have a							
-						gradational cont									
						above.									
_						- the uni	t is difficul	t to dis-							
•						tinguish from th	ne volcanics a	bove;							
						the tuffs are la	minated and d	o not							
-						have the sugary	texture noted	in the							
						volcanics.									
						- some po	ortions of thi	s unit							
						are very micaced	ous and other	parts are							
_						very fine graine		ak with							
						a concoidal-like	e fracture.								
_						- the uni	t is soft and	dark in							
						color.									
•				0	100	Detail: 313'-8'	' - 337'		,						
-						– laminat	ion in this s	ection is							
						not as pronounce	ed and most of	this							
-						section is fine	grained, mica	is not							
•						prevalent.									

e Log

terted	l				Bearing	Lat.	Coller E	EI.		Log	ed by	g _		Dete	
omple	ted				Angle from Horizon	Dep.	Bottom	ı. El.		Rem	orks/				
Hier					Length	Location	Lovei								
			RECOV	/ERY		DESCRIPTION			Serr	242	Feet			AR	MY
rom	To	Interval	LOSS	*				 	N			transal			
					- no real	apparent mineraliz	zat:	on			-				
					noted										
					- fractur	ing at about 70° to)								
					core axis										
				99	Detail: 337' -	377'			781	١9	315-317				
					- laminat	ion more pronounced	i		782	20	317-320				
			in this section - dissemi						782	21	320-323				
			- dissemi			nated Fe sulphides			782	22	323-325				
					distributed rand	omly throughout thi	İs		782	23	325-327				
					section.				782	24	327-330				
					- at 338'	-10"-339' a small									
					quartz calcite v	ein exists						1			
			0	100	Detail: 377' -	412'-10"			91	15	377-380				1
					- once agai	n laminated appears	ance		91	16	380-383				
					- this po	rtion very micaceou	us		91	17	383-386				
					- this se	ction also has a fe	ew		91	18	386-389				
					siliceous zones	and disseminated			91	19	389-392				
					sulphides (Fe) a	re noted through m	uch		95	50	392-395				
					of this core.				71	5.1	395-398				†

PROPERTY FAULT LAKE

Section No. 2

HOLE No. G-83-2

iterted	Bearing	Lat.	Coller El.	Logged by Date
ompleted	Angle from Horizon	Dep.	Bottom. El.	Remerks
)r iller	Length	Location	Level	

GLOBAL ENERGY

OMPANY

				RECO	VERY			8	Feet			A86	AY
	Frem	To	Interval	LOSS	%	DESCRIPTION		Sample No.		Interval			
								752	398-401				
112	-10	"to		0	100	FELSIC DYKE		753	401-404				
		413	1-7	11		- very siliceous		754	404-407				
								755	407-410				
413	-7"	415	1	0	100	MAFIC TUFF		756	410 to				
-									412'-10	11			
415		417	7	0	100	FELSIC DYKE		757	412'-10	I			
•						- very siliceous with minor			413'-7"				
						sulphides		758	413'-7"				
•									to 415				
417 '		425	'-1"			MAFIC TUFF		759	415-417				
•						- as described previously							
425	-1"	432	,	0	100	MAFIC VOLCANIC (BASALT)				-			ļ
		1,52	 	 	- 00	- similar to basalt described		 		┼─			
•				-		previously fine grained dark in color;			<u> </u>	 			
•]		 		no significant mineralization noted.	· · · · · · · · · · · · · · · · · · ·			 			
•			-	 				ļ		+	 		
			_	 						╁─╴	 		
,		<u> </u>		-				 		┼─	 		
		j	j	J	J			į		. I	L	L	1

	<u></u>	<u>-</u>			1		Tours	·		<i>[]</i>		
Starte	1				Bearing	Let.	Coller El.		ged by	'	Dete	
)riller					Angle from Harlzon	Dep.	Bottom. El.	Nei	Merks	·		
77 WHAT			RECO	VERY	Congen	Location	Love		T		24	BAY
Fren	То	Interval				DESCRIPTION		Sample No.	Feet From-To	lettered		
2!	433	1-6"		100	FELSIC DYKE			760	432 to			1
	1					ous white looking	dyke		433'-6"			1
					barren of miner			761	435'-8"			
						indiginale (finalisis di tributa de la companya de			to 439'-8"			1
3'-6	to			100	MAFIC VOLCANIC	(BASALT)		762	439'-8"			
	435	-8"			- as des	cribed previously			445 to 5"			1
								763	445'-5"			
5 -8	'to			100	FELSIC DYKE				449'-6"			
	439	'-8"			- as des	cribed previously		764	458'-1"			
									to 461'			
9 - 8	'to			100	MAFIC VOLCANIC	(BASALT)		765	461' to			
	445	'-5"				cribed previously			462'-10	11		
								766	477-480			
6'-5	"to			100	FELSIC DYKE			767	487-490			
	449	-6"			- this d	yke is also very	sili-					
						as some mineraliz						
					•	and has a slightl	у					
					purple color.							
9'-6	"to			100	MAFIC VOLCANIC	S (BASALT)						
	458	-1"			- as des	cribed previously						1



St	erted					Beering	Let.	Coller El.		Log	ed by			Date	
ام	mplet	ed				Angle from Horizon	Dep.	Bottom. (1.	Rem	erks/				
)r	Her					Length	Location	Level							
F	rom	To	interval	RECO LOSS			DESCRIPTION			Sample No.	Feet From-To	Interval		ASS	AY
- 58 •		462	'- 10	11	100	FELSIC DYKE									
						- this d	yke is once ag	gain							
_						mineralized wit	h finely disse	minated							
						Fe sulphides, i	t also has a p	ourple							
						color associate	d with it.								
52 1	10"	to			100	MAFIC VOLCANICS	(BASALT)								
_		464	'_]"									ļ			
547.	ן ר	to			100	FELSIC DYKE				• • •	 	 			
_			'-3"		-		ve with minor	sulphide							
-															
56 <u>'</u> -						MAFIC VOLCANICS	(BASALT)								
		474	1									 			<u> </u>
74.		474	'-8"			FELSIC DYKE						 	<u> </u>		
-									·						
_															

Starte	•				Bearing	Let.	Coller El.	Log	ged by	2		Date	
compi	eted				Angle from Horizon	Dep.	Bottom. El.	Ren	nerks //				
>ritior					Length	Location	Level						
From	То	Interval	LOSS			DESCRIPTION		Sample No.	Feet From-To	Iranua		ASS	AY
1'-8	 			100	MAFIC VOLCANICS								
	500	1				ics are fine gr	rained						
	(er				and dark	-							
					- some re	emanent vesicle	s noted						
					- no sign	nificant minera	lization						
					noted except for	r some minor di	ssemin-						
					ated pyrrhotite	along a few fr	acture						
					planes.								
					- portion	ns of this sect	ion have						
					some talc-chlor	ite alterations							
						gouge material	1						
					at 498' - 500';	this section i	s very						
					blocky.								
		<u> </u>								1_1			<u> </u>
								<u> </u>					<u> </u>
	<u> </u>	 									-		<u> </u>

2010 to 2010 PELDIC DAKE 2010 to 200-10 PELDIC DAKE 200-10 TELDIC DAKE

F4. 5

GLOBAL ENERGY FAULT LAKE

DEILL HOLE LOG

bection No: 1

Hde Ho: G-83-E

LEGEND

OVERBURDEN

次次公

450000



COCOLT



PELOK DYKE



matic test

The Anico

4124 to 415-7 FELDIC DAKE 416-7 to 41000 MAPIC TEFF 410-010-417-0 FELDIC DAKE

450-10462-0 PELOK DAKE 462-00064-1 BABALT 461-10666-3 PELOK DAKE

471-0 to 971-8 PELOK DYKE

·

ESLE: 1"=600-0"

	larted	J	Feb	. 16	5/83	Beering 030° Az	Let.	Coller E	1.	Logg	ed by J./	K. F	ilo	Date N	Mar. 12
	omple	eted	Fet	. 16	5/83	Angle from Horizon -45°	Dep.	Bottom.	EI.	Rem	erks				13/
1	riller	MANE	ERSTI	ROM D	RILLIN	Length 5051	Location L48E 1+50N		CORE SIZE: BQ						
	From	To		RECOV LOSS			DESCRIPTION			mple	From-To	lrearved.		ASS	AY
0	- rom	49	7.545	1055		OVERBURDEN				10.	ridirio				
Ĭ						OVERDONDEN					************	1-1			
•		50	-1"			GRANITE BOULDER (Overburden)					1-1			
												1-1			
01	-1"	to				GARNETIFEROUS MET	ASEDIMENTS (1)								
		250'				- these se	diments are very				·				
						finely laminated									
						- they are	dark in color ar	ıd							
٠						very micaceous									
						- medium g	rained; porphyrob	last	s						
						beginning to form									
						- the main	porphyroblast no	ted							
•						is pyrope garnet	and this is a dia	g-							
						nostic mineral fo	r recognition of								
•						this particular s	ediment								
•							zation distribute	d							
•						randomly througho	ut this unit (Fe								
•						pyrite)									

ted	Interval LOSS % 99			Beering	Let.	Coller E	il.	Lo	Logged by							
ploted				Angle from Horizon	Dep.	Bottom. El.			Remerks							
o r				Length	Location	Level										
m To					DESCRIPTION	DESCRIPTION		Sample No.	Feet From To	iras e		ASSAY				
				Detail: 49' - 10)7'			964								
\top				- laminati	ons in this sect	ion		965	163-166							
				not very pronound	ed											
			- the last run of this section is the most garnetiferous													
				- high ang	gle fractures not	ed										
				65° - 85° to core												
					c-chlorite alter	ation										
				noted on fracture	e planes	-	,									
					nall quartz strin	gers										
				are present in th	nis unit								Π			
					or pyrite less ½	%							Π			
				found in this sec	etion											
			99	Detail: 107' - 1	.67'							 	┼			
				- this sec	ction as describe	d in										
				(1)												
				- many gai	nets noted withi	n										
				this section									T			

HOLE No. G-83-1 GLOBAL ENERGY OMPANY PROPERTY FAULT LAKE Section No. 3 Bearing Let. Coller El. Logged by Date iterted Remerks 0 Angle from Horizon Dep. completed Bottom, El. Hiller Length Location Level

		-			Location				_			-
	To	interval		VERY	DESCRIPTION	į:	Sample No.	Feet From-To	(reserve)		ASS.	AY
			2000	-	- this section is very finely	,	966	221-224				ļ ———
7					laminated, laminations are at 45° to		967	224-227				
1		 			core axis							
1		 			- some Fe pyrite - ½% found	,0						
┪					be randomly distributed throughout							
┪		-			section			<u> </u>				
					- a few minor quartz veinlets	3						
					parallel to laminations							
				99	Detail: 167' - 207'							
					- laminations in this section	n l						
					more pronounced and garnets are not	as						
					noticeable as in previously describe	ed				·		
					section							
					- some minor pyrite, less that	ın						
					1% disseminated mineralization dis-							
					tributed randomly							
					- laminations are at 45° to							
					core axis					<u></u>		
	<u></u>	L	ļ	IL		i		i		<u></u>	{	١

it orto d	1				Bearing	Let.	Coller E1.			ged by	3	2 Date				
omple	rted				Angle from Horizon	Dep.	Bottom. El.		Remerks							
» Mer					Length	Location	Level					 				
			RECO			DESCRIPTION			mple	Feet	-	 ASS	AY			
From	To	Interval	LOSS	*					No.	<u> </u>	(resove)	 	-			
	ļ			100	Detail: 207' -	250'		9	68	251 to	-	 	_			
					- this se	ection is not a	s			252 '- 10		 				
					heavily laminate	ed but bands of	garnet	9	69	267-270						
					are noted to be	at 45° to core	axis									
					- dissemi	lnated pyrite 1	- 1½%									
					sporadically dis	stributed in th	is									
					section	·										
					- a small	- a small 1" quartz vein noted										
					at 230'-8"	**************************************										
																
	251			100	ASH TUFF altere	ed basalt? (2)										
	<u> </u>	- this unit is very fine							Γ							
					grained and fine	ely laminated i	n some									
					areas?								T			
					- it has	a bleached gla	ssy				1 1		T			
		 			appearance								T			
											† †		T			
	252	-10'			QUARTZ VEIN	· · · · · · · · · · · · · · · · · · ·					1 1		T			
	†	 			- barren	sugary quartz	vein			 	 	 	T			

i	terted					Beering	Let.	Coller El.		Logg	ed by	4,		Date	
;	omple	ted				Angle from Horizon	Dep.	Bottom. El.		Rem	orks 7				
)	riller					Length	Location	Level							
				RECO	VERY		DESCRIPTION		Ser	Semple				ASI	SAY
	From	To	Interval	LOSS	*		- DESCRIPTION		N.		From-To	Interval			<u> </u>
521	10	"to			100	ASH TUFFS - alt	ered basalt?			\dashv					
		257 '				- this u	nit as describe	ed pre-							
						viously in (2);	fine lamination	ons at							
						about 55° to co	ore axis								
•						- this u	ınit appears bar	ren of							
•						mineralization									
571		to			100	FELSIC DYKE									
•		258	'-10	11		- barrer	siliceous purp	le dyke							
•		,													1
8 ' i	0"	to				ASH TUFF - alte	ered basalt?								1
•		270	'-9"			- as des	cribed previous	ly in (2)							1
-							t with lower ba				.				1
•							o to core axis,			7		1			1
•						contact					<u></u>	1			†
										\dashv		1		<u> </u>	+
•			<u> </u>	· ·								+			+
•		} 	 	-								+	 	 	+-

iterted					Bearing	Let.	Coller El.	Log	ged by		De	rte
omple	ted				Angle from Horizon	Dep.	Bottom. El.	Rer	nerks:			
)riller					Length	Location	Level					
From	To	interval	RECOV			DESCRIPTION		Sample No.	Feet From-To	Interval		ASSAY
'-9"	to				BASALT (3)			970	309-311			
	413 '-10"		- medium	grained, dark	in	971	340-343					
					color, massive	appearance		972	384'-3"			
					- this u	nit is slightly	magnetic		to 387			
					but basically a	ppears barren o	of min-	973	387-390			
		-			eralization (½%	disseminated f	ine Fe	974	390-392			
					sulphides) exce	pt for the area	of	975	392-394			
					intersection ne	ar the basalt-	gabbro	976	394-396			
					contact			977	396-399			
					- at 336	'-8" to 343' th	ne basalt	978	399-402			
					appears to have	a light brown	altera-	979	402-404			
					tion, the magne	tic susceptibil	ity of	980	404-406			
					this zone is al	most nil compar	ed to	981	406-409			
					the rest of the	unit		982	409-412			
			į,		- this z	one has a few t	'elsic	983	425-427			
					clots and some	minor dissemina	ited Fe					
					sulphides							
					- at 384	'-3" pyrrhotite			1			

iterted					Bearing	Let.	Coller El.		Logg	ed by	94 -	Date	
omplet	ed			•••	Angle from Horizon	Dep.	Bottom. El.		Rem	orks /	 		
riller					Length	Location	Level						
From	To	interval	LOSS			DESCRIPTION			mple Vo.	Feet From-To	Iranval	ASS	AY
					believed to be	the beginning of	the						
					induced polariz	ation anomaly.							
					- from 3	84'-3" to 405'-8	11 3						
					5-15% dissemina	ted pyrrhotite a	nd				1		
					only very minor	chalcopyrite is	found						
					- numero	us felsic clots	and						
					fragments are a	lso present with	this			 			
					mineralization					 -			
					- this s	ection also cont	ains						
					a 6" quartz vei	n from 402'-6" t	o 403'				† †		
					- beyond	405'-8" the bas	alt						
					becomes barren	and grades into	the				1	 	
$\neg \uparrow$					gabbro unit bel	ow it						 	
	``	•	v										
-10	"to			99	GABBRO								<u> </u>
	505	1			- course	grained gabbro,	has						1
					a speckled appe	arance					1		
					- appear	s to be very bar	ren,						
_					generally a ver	y competent unit	,				1	 	†

erted					Bearing	Let.	Cóllar	EI.	<u> </u>	ogged by	15!		Dete	
nplet	ed				Angle from Horizon	Dep.	Bottor	n. El.	R	emerks /	C'			
ller					Length	Location	Level							
om	To	Interval	RECO	VERY %		DESCRIPTION	DESCRIPTION		Sampl No.	From-To	Interval		MY	
					occasional frac	tures at about 85	° to							
					core axis, thes	ore axis, these usually have talc- hlorite alteration associated with hem								
					chlorite altera									
					them									
					- some b	arren quartz lens	es							
					and stringers a	t 425'								
_			<u> </u>								<u> </u>			
	``		<u> </u>											
														<u> </u>
						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·							
_											_		<u> </u>	<u> </u>
_													<u> </u>	<u> </u>
					······································			ļ					<u> </u>	_
\dashv														<u> </u>
ightharpoonup		 											1	Ļ
														<u> </u>

2000 to 201-0" ACH TUFF 201-0 to 202-10" ACMETIZ VEILL 202-10 to 2011-0" ACH TUFF 2011-0" to 2008-10" FELLOK DAKE

DEALE: 1=000"

FK4.6

GLOBAL ENERGY FAULT LAKE

DEILL HOLE LOG

bection No: 3

Hole No: 9-83-3

LEGELID

OVERENDELL

CARROLL CARROLL

VANA BADALT

+++++
PELOC DAKE

S DON TUTT

KETAGEDINENTO

~ ALMETZ VELL

S	certed		Feb.	19/	/83	Beering 030° Az	Let.	Coller	El.	Log	ged by	K.]	Filo	Date	Feb.	 2
	omple	ted	Feb.	21/	/83	Angle from Horizon -45°	Dep.	Botton	n. El.	Rer	nerks				Mar.	
>	r Wer M	IANDE	RSTR		ILLING	Length 551!	Location L40E 1+50N		CORE SIZE : BO	7						
-	Frem	To	Intered	LOSS			DESCRIPTION			Sample No.	Feet From To	lean-		ASS	SAY	7
)		23'				OVERBURDEN	······································			768	27-30		†	1	 	İ
-							<u></u>			769	54-57			1		1
- } '		111'				BASALT (1)				770	57-60	1	 	1		1
-						- this bas	alt is fine grain	ed		771	83-84			1		4
-						and dark in color		·		772	87-90				1	1
-		appear slightly micac								773	97-100					•
-		- unit has				- unit has	a massive appear	ance				1				*
-		in general				in general										•
-					- generall	y barren of miner	ali-								•	
•						zation										
						- some sec	tions of this ini	tial								
_						zone contain a fe	w small quartz ca	1-								
						cite clots, two i										
						exist at 54'-6" a		_							\ \	
							nd quartz-calcite							<u> </u>		
_		zone has grey-green			en alteration											
_		(sericitic?)														
							s generally orien	ted								
						at 70° to core ax	is									

	Storted)				Bearing	Let.	Coller El.	Lo	ged by	18		Date	
	omple	ned				Angle from Horizon	Dep.	Bottom. El.	Re	morks //	<i></i>			
	ritier					Length	Location	Level			······································			
				RECO	VERY		DESCRIPTION		Semple	Feet			ASS/	AY.
	From	To	Interval	LOSS	*		DESCRIPTION		No.	From-To	transal			
11		118'	-3"		98	FAULT GOUGE ?			774					
						- altered,	grey, green vol	canic		119'-6"				
						with talc and mud	i, no apparent		775	127-130				
						mineralization			776	147-150				
						_			777	157-160				
18	'-3	'to							778	177-180				
		119	' - 6"	7.	100	QUARTZ VEIN			779	187-190				
						- this qua	ırtz vein has lar	ge						
						clots of altered	volcanic rock wh	ich						
						are green in cold	or (sericitic							
						alteration?)								
						- this vei	n has disseminat	ed						`
						pyrite throughout	it						:	
19	' -6	" to				BASALT								
		281	1-4"			- this bas	salt is similar t	0						
						that found above	the quartz vein	as		I				
						described previou	sly but it conta	ins						
						more felsic clots	and stringers							

erted					Beering	Let.	Coller	EI.		Logg	ped by	Z,		Dete	
mple	ted				Angle from Horizon	Dep.	Bottor	m. El.		Rem	erks/				
itler					Length	Location	Level								
			RECO	VERY		DESCRIPTION		** ** ** ** ** ** ** ** ** ** ** ** **	Sem	C)				ASS	AY
rem	To	Interval		*		DESCRIPTION		 	No		From-To	Interval			
				100	Detail: 119'-6"	- 147'									
		·	-		- in this	section of basa	lt a								
	`.		,		mud seam and quar	rtz was found at	138'	,				<u> </u>			
					water loss was re	eported here by	drille	r				<u> </u>			
			- a small breccia zone exists from 126'-127', this breccia contains												
					from 126'-127', this breccia contains clasts of quartz-calcite, and pink							1			
					clasts of quartz	sts of quartz-calcite, and pink									
					feldspar but no	ts of quartz-calcite, and pink spar but no mineralization									
					- this see	ction of basalt	has a								
					number of small	white spots rand	lomly					1		1	`
					distributed with:	in it (infilled	gas								
					vesicles?)							1		1	
				100	Detail: 147' - 1	177'						1-			1
					- this sec	ction of basalt	is					1		1	
		similar to the basalt described pre-									1		1	†	
					viously		-	<u> </u>			 	1		+	1
					- it also	contains a few	minor	<u> </u>				†	 	+	
	<u></u>	 		 	quartz-calcite ve	einlets		 				+		+	1

ASSAY

++

erted					Beering	Let.	Coller El.	Lo	gged by	13		Date	
mple	ed				Angle from Horizon	Dep.	Bottom. El.	Re	merks /				
iller					Length	Location	Level						
			RECO			DESCRIPTION		Sample	Feet			AS	SAY
rom	to.	Interval	LOSS	*		DEGCKII WOR		No.	From-To	Interval			↓
					- the vo	lcanics themse	elves are						
\Box					generally barre	en but some dis	sseminated						
					sulphides (Fe)	were noted at	226'						
					- minor	Fe sulphides w	were also						
					noted with fels	sic clots at 22	27'-10"						\
					and 242'-6"								
					- from 2	34'-2" to 237	'-3" the						
					core is very br	oken and talc-	-chlorite						1
					alteration was	noted on fract	ture planes						
	-									1			1
\neg				100	Detail: 247' -	267'				1			+
					- this s	ection is very	y similar	785	257-260	1			1
ᅥ					to the section	just described	d except	786	260-263		 -		+
				+	felsic clots ar	nd stringers an	re more	787	263-265		 		+
-		 			pronounced, pyr			788	265-267				+
		1			noted with diss				 	\dagger	 	+	+
一		 			in the last cou	ple of feet of	f this	·		-		+	+
ᅱ		†		+	section				+	+	 -		+

Startes	J				Beering	Let.	Coller El.	Lo	ged by		Date	
omple	ned				Angle from Horizon	Dep.	Bottom. El.		merks /			······································
> Wer		 _			Length	Location	Level					
-			RECOV	/ERY		DESCRIPTION		Semple	Feet		A	SAY
From	То	interval	LOSS	*		DESCRIPTION		No.	From-To	Iremel		
	Ì				Detail: 267' -	280'		789	267-269			
					- an int	ersection of pyr	rhotite	790	269-271			
					and chalcopyrit	e begins at 267'		791	271 to			\
					- from 2	67' to 269' ther	e is		274'-6"			
					about 1 to 2% d	isseminated chal	792	274'-6"				
					pyrite and 2 to	3% pyrrhotite;		to 277		•	1	
					section is not	heavily altered	794	280 to			1	
					- from 2	69' to 280'-3" 4		281'-4"				
					copyrite and up	to 15% pyrrhoti	795	281'-4"			1	
	,				be noted				283'-8"			1
					- this h	eavily mineraliz	ed zone		1	1		
					also has a dist	inct brown alter	ation	793	277-280	 		1-
					from 270' to 27	4'-6"		1 2 2	1 200	1-1-		1
							· · · · · · · · · · · · · · · · · · ·			1-1-		
,	281	' _ 4 ''		100	QUARTZ VEIN					 		1
					- quartz	vein is mineral	ized			 		
-	- quartz vein is mineralized with disseminated pyrrhotite and chal-							†	1		+	
	1				copyrite 1-3%				1	1	 	

							The state of the s		 	1/		
iterte	d \		Ţ,		Beering	Let.	Coller E1.	Lo	ged by	7	Date)
ompi	eted				Angle from Horizon	Dep.	Bottom. El.	Re	merksi ^{//}			·
riller					Length	Location	Level					
	T		RECO	VERY		DESCRIPTION		Sample				ASSAY
From		interval		*				No.	From-To	Irane		
-4	'to		<u></u>	100	BASALT			ļ				
	283	'-8"				still a continuat:		<u> </u>				
	<u> </u>					ation zone; it is	not					
					-	out still contains						
					8-10% chalcopyrit	te and pyrrhotite						
-4	to			100	QUARTZ VEIN			796	283'-8"			
	285	-7"			- only th	is first few inches	s of		285'-7"			
					this vein is mine	eralized with 1-2%		1				
					pyrrhotite and ch	nalcopyrite		797	285'-7"			
					- the rest	of the vein appea	ars		to 287			
					barren	iniciality delimination which construct the suggestion for the velocities with effects to a region who						
7-7	to	(A)		100	BASALT Detail:	285'-7" to 297'	(A)	798	287-290			
	551				- after th	ne quartz vein end:	s a	799	290-293			
					few narrow quart:	z veinlets are note	ed	800	293-296			
					but mineralization	on ends rather						
					abruptly							
					- the base	alt in this section	n is	†		† †		
	 	†			very similar to t	that described pre	viously	T		1		
	 	 	 	 				1	 	++		

erted					Beering	Let.	Coller	EI.		Logge	d by ////	75	_	Date	· ·
mplet	ed .				Angle from Horizon	Dep.	Botto	m. El.		Remer	rks 🧷				
iller					Length	Location	Level								
			LOSS			DESCRIPTION			Samp		Feet From-To			ASS	AY
rom	To		1000	*	in this hole			<u> </u>	No.	+	Prom-10	Iraboval			
+					III UIIIB HOIC					十					
┪				100	Detail: 297' -	- 327'		 	803	1 1	301-304				
7					- this h	pasalt has a fo	ew minor								
寸		quartz veinlets and a small 2" quartz vein at 322'						1							
7		•								7					
					- the ur	- the unit and those veinlets									
					do not appear t	not appear to have any apparent									
					mineralization										
					- this p	ortion of the	unit has		802	2 3	307-310				
					a very massive	appearance			803	3 3	317-320				
					Detail: 327' -	· 357'			804	1 3	337-340				
T					- the ma	jority of this	s portion		805	5 3	340 to				
					is massive look	ing barren ba	salt but		· [342'-6"				
					at 336' to 343'	the basalt ha	as numer-		806	5 3	342'-6"				
	ous felsic clots and fragments with						t	to 347							
		very fine Fe sulphides disseminated					807	7 3	347-350						
T					throughout									T	

orted					Beering	Let.	Coller El.		Log	ged by		 Dete	
mple	ted				Angle from Horizon	Dep.	Bottom. El.		Ren	norks 🖟			
iller					Length	Location	Level						
			RECO			DESCRIPTION		Serr	5	Feet		AS	SAY
rom	To	Interval	LOSS	×		DESCRIPTION		N		From-To	interval		
					- at 336	' the basalt a	lso con-						
					tains garnets f	or the first t	ime;						
					those garnets a	re seen throug	hout the						
					rest of the bas	alt in this ho	le						
\neg													
一		100 Detail: 357' - 397' - this section of basalt also				80	8	364-367		1	†		
			- this section of basalt also				lt also	80	9	367-370			1
				has a few randomly distributed felsic				81	0	370-373			1
										373-375			1
						ots and fragments with minor sulphides - numerous garnets are also				375-377			†
					present			81	3	397-400			1
					- portio	ns of this sec	tion also	81	4	400-403		1	†
\neg					contain more mi								†
					areas do not ap	pear as massiv	e looking						†
		•			as other parts						\vdash	1	1
ᅥ	V.	as owner parts of the basart									 +	1	
ㅓ					Detail: 397' -	447'							+
						ily massive ba	rren basalt						+
\dashv				-	with a few port						1	+	+-

rted					Bearing	Let.	Colle	r El.	L	ogged by	13:		Dete	
nple	ted				Angle from Horizon	Dep.	Botte	om. El.	R	emerks /				
ler					Length	Location	Leve)						
			RECOV			DESCRIPTION			Sample	Feet			ASS	AY
<u></u>	То	Interval	LOSS	*					No.	From-To	Interval			
					more enriched i	n biotite			815		'			
					- garnet	s are also not	ed to be			to 404'-4"				
					randomly distri	buted in this	section		816	417-420				
					- this s	ection also ha	s a few		817	437 to				
7					quartz stringer	s but no signi	ficant			440'-8'	1			
7		mineralization is found with them - at 403'-1" to 404'-4" and at						818	440'-8'	1				
7		- at 403'-1" to 404'-4" and at							442'-10) "				
7		- at 403'-1" to 404'-4" and at 440;-8" to 442;-10" the basalt has						819				1		
1					two siliceous z	ones which are	biotite			to 445'-10	1			
7					enriched and al	so contain min	or sul-		820		1		1	
7					phides				821				 	
7								 	822			ļ	1	
+				99	Detail: 447' -	497'			1022	317-31-	+	 	1	
┪					- garnet	bearing massi	ve basal	t		 	+-	ļ	+	
┪								1			+		+	
┥	- some sections more enriched					 	 -		+	<u> </u>	┼	 		
┥	in biotite mica - occasional felsic clots								 	 	 	 		
4					noticed with mi			 			-		 	 -
4						few narrow qu		3					 	┼

d					Beering	Lat.	Collec	El.	Lo	ged by	THE	Date	
omple	end			-	Angle from Horizon	Dep.		 m. El.		morks	(5)		
riller					Length	Location	Level				·		
			RECOV	/ERY						Feet		ASS	AY
rom	To	Interval	LOSS	*		DESCRIPTION			Sample No.	1	Interval		
					with Fe sulphid	les							
					Detail: 497' -	55' (end)			824	494-497			
					- garnet	bearing mass	lve basal	t	825	497-500			
			with sections of biotite enriched basalt					823	491-494				
					- no apparent mineralization								
					- no app		826	507-410					
					of any signific		827	510-513					
					minor dissemina	ited Fe sulphic	ies -		828	513-516			
					less than 1%		·····	<u> </u>	829	517-520			
					- some m	inor quartz ve	einlets		830	527-530			
					are present			<u> </u>	831	545-548			
									832	548-551			
													1
						······································	 						
		<u> </u>				· · · · · · · · · · · · · · · · · · ·	<u> </u>						
	,		i,			······································		<u> </u>		1			
\neg	<u> </u>	٠,						 		<u> </u>			
		 						1		†			1

1110 to 110-5" FOCKT COCKE

4 -18-51

COO'S to COI'4" QUARTZ VELL COI'4" to COS'S" DECORIT COS'S to COO'S" QUARTZ VEIL

-200-0

F14.7

GLOBAL ENERGY FAULT LAKE

DEILL HOLE LOG

Section No.:

Hde No: 9-85-4

LEGEND



OVERBURDEL



COOLT



DUDGETZ UGILI

TIPE STATE OF

OCALE: 1:60-0

(AMPA	NY	GL(OBAL	ENERG	GY	PROPERTY	FAULT L	AKE		Se	ction No. 5		НО	LE No.	G-83- 5
S	terted)	F	eb.	22/83	Beering Az 210°	Let.		Coller El.		Log	ged by J	K. I	Filo	Date M	lar. 14/
;	omple	rted	F€	eb.	25/83	Angle from Horizon _45°	Dep.		Bottom. E	l.	Ren	nerks colla	red	too	close	to HEM
)	riller [MANDI	RSTR	OM DF	RILLING	Length 557 1	Location L36	E 4+00N		CORE SIZE : BQ		condı	ictoi	3		
				RECO	VERY		DESCRIPTIO	N		9.	emple				A88	AY
-	Frem		Interval	LOSS	*		DESCRIPTIO				No.	From-To	(reterved			
	0	114	<u> </u>	ļ		OVERBURDEN							ļ			
													<u> </u>			
114		114'	-9"			INTERMEDIATE FRAG	MENTAL BO	ULDER					<u> </u>			
114'	-9	'to				GRANITE BOULDER							<u> </u>			
-		115'														

115	15	331'	-9"			INTERMEDIATE FRAG	MENTAL (1)			:					
_						- this uni										
_						angular felsic fr	agments i	n a fine	∍							
						grained dark matr	ix									
•						- the matr	ix is occ	asional:	ly							
•		`		Ų.		enriched in bioti	te mica									
•						- the fels	ic fragme	nts are								
•						stretched and ran	ge in siz	e from								
•						about 1/10" to 4/	10" in di	ameter								
•						- this uni	t is also	charact	ter-							
						ized small zones	and clots	of gree	en							
•						alteration (serio	ite?); th	ese are								
-						very pronounced.							1			

arted					Beering	Let.	Coller El.	Lo	eged by	<u>Ľ</u>	Date	
mple	ted				Angle from Horizon	Dep.	Bottom, El.	Ro	omerks .	7		
Hier				Angle from Horizon Length COVERY SS % 99 Detail: 115' - 157' - up to 126' tremely silicified a disseminated pyrrhot this section; a numb lenses are also pres mineralized zone - this section is believed to be the HEM conductor - at 120'-6" noted; this mineral through a few inches has a dendritic form	Location	Level						
					DESCRIPTION		Semple	Feet		A	SAY	
rom	To	Interval	LOSS				No.	From-To	france			
								984	115 to			
					6' the unit is e	x-		117'-6"				
					tremely silicifie	d and between 5-	15%	985	117'-6"			
				tremely si disseminat this secti lenses are mineralize - t	disseminated pyrr	hotite is found	in		120 - 6"			
					this section; a n	umber of quartz		986	120'-6"			
					lenses are also p	resent in this			to 123			
					mineralized zone			987	123-126			
					- this sec	tion of minerali	zation	988	126-129			1
					is believed to be	the cause of th	е	989	129-132			
					HEM conductor							1
	,		.		- at 120'-	6" a brown miner	al was					1
					noted; this miner	al is disseminat	ed					1
					through a few inc	hes of core and	it					
					has a dendritic f	orm				1		†
					- this sec	tion also has nu	mer-		1			+
					ous sericitic sec	tions associated	with					1
					quartz lenses					1		
										1		1
										 		+

erted					Bearing	Let.	Coller E			ogged by	KD.		Date	
mple	ted				Angle from Horizon	Dep.	Bottom	. EI.	A	emerks //				
Mer			Angle from Horizon Length RECOVERY LOSS % 99 Detail: 157' - 20' - as described other sections - sections - sections altered material with a control (up) - a few small (2" approximately) section; they contains they contains a control (up) phides	Location	Level									
rem	To	Angle from Horizon Length RECOVERY LOSS % 99 Detail: 157 - as other section more pronoun altered mate unit are not - a f (2" approximate phides at mafic volcanic fraction volcanic fraction volcanic fraction and the pronoun and the pron		DESCRIPTION			Sample No.	From-1	o Interv		ASS	BAY		
			Angle from Horizon Length RECOVERY LOSS % 99 Detail: 157' as described other sections - more pronounced; altered material unit are noted (- a few s (2" approximatel section; they complies - at 179' mafic volcanic recomposite pyrite 99 Detail: 207' -	07'										
				- as descr	ibed previously in	n								
				other sections - :	sericitization is									
				more pronounced;	large sections of									
				altered material	within fragmental									
					unit are noted (up	o to l' of core le	engt	1)						
					- a few sma	all quartz veins								
	\		į.		section; they con	tain minor Fe sul-	_							
						a small fragment?						<u> </u>		
												<u> </u>		
						is mineralized w	lth							
					pyrite									
				99	·									
						lbed above clots								
		·			sericitic alterat:	lon still noted bu	ıt							
					not as pronounced									

terted				Beering	Lat.	Coller El.		Log	ged by /////			Date	
omplet	ed			Angle from Horizon	Dep.	Bottom. El.		Rem	rerks/				
ritter		RECOVERY Interval % Small (ur not pre fra at	Length	Location	Level	_							
			RECOVERY		DESCRIPTION		Sar	nole				A88	AY
From	To	Interval	*		DESCRIPTION			ю.	From-To	krasval			
	. 			- from	246' to 256' a	number of			**************************************				
				small mafic vo	lcanic fragment	s noted							
				(up to 6" in 1	ength)								
				- no si	gnificant miner	alization							
				noted									
				Detail: 266'	- 331'-9"					1			
			i,	- this	section is simi	lar to							
	,			previously des	cribed sections	of the							
				fragmental									
				- mafic	volcanic fragm	nents found							
				at 298'									
				- at 32	0'-1" to 324'-1	0" the							
	-			fragmental has	a very glassy	appearance						<u> </u>	
				and fragments	are smaller and	not as				1		†	<u> </u>
一				distinct						1	<u> </u>		
-		 		- this	section also ha	as a few				\top	ļ	†	
\dashv		 		fractures; the	se fractures ge	enerally				1	†	1	
\dashv	-	1		tend to almost	be parallel to	the core				+	 	+	
		 		axis					 	╅—	 	 	+

	Started			. ~		Beering	Let.	Coller El.		Log	ged by	175	Date	
(omple	ted			-	Angle from Horizon	Dep.	Bottom. El.	•	Ren	norks / 1/3	1-2-1	 	
(>riller					Length	Location	Level						
				RECOV	/ERY		DESCRIPTION		Sa	mple	Feet		ASS	AY
	From	To		DESCRIPTION			No.	From-To	Protection of	 				
31 '	-9"		QUARTZ VEIN			99	90	331'-9"						
			- barren	white sugary q	uartz			to 333						
			vein											
33		347	'2"			INTERMEDIATE FR	AGMENTAL							
			- as pre	viously describ	ed									
	71 274													
17	-2"	to				ANDESITE								
		390	1 – 4 11			- fine g	rained, massive	and dark						
						in color on fre	sh surface; som	e sections						
						of this unit ar	e enriched in b	iotite						
						mica								
							ntact with the		99	91	351 to			
						tal unit above	is sharp and at	90° to			353'-3"			
						core axis								
														Ì
						Detail: 347'-2			9:	92	353'-3"		·	
						- at 353	' the minor pyr	rhotite			to 356	1		

Started)				Bearing	Let.	Coller El.	Log	ged by		 Date	
Comple	rted			, , , , , , ,	Angle from Horizon	Dep.	Bottom, El.	Rer	norks .) <u>' </u>	 	
Oriller					Length	Location	Level				 	***************************************
From	То	interval				DESCRIPTION		Sample No.	Feet From-To	Interval	ASS.	AY
					- from 35	3'-3" to 363' the		993	356 - 359			
					andesite has a b	leached appearance	and	994	359-361			
					numerous felsic	fragments; this zon	е	995	361-363			
	Angle from Horizon Length RECOVERY To Interval LOSS % - from andesite has numerous fels also has 5-10 and minor chate from is relatively except for vesulphides (less sulphides (less sulphides) fels mately 5% pyrasection; this siliceous	also has 5-10% d:	isseminated pyrrhot	ite	996	363 to						
		and minor chalco	pyrite			365'-6"						
		RECOVERY To Intend LOSS % andesite numerous also has and mino is relat except f sulphide contains mately 5 section;	- from 36	3' to 378' the ande	site	997	378-381					
	RECOVERY Longth To Interval LOSS % andesi numero also h and mi is rel except sulphi contai mately sectio silice	is relatively ba	rren of mineralizat	ion	998	381-384						
		except for very	minor disseminated	Fe	999	384-387						
		Angle from Horizon Length RECOVERY To Interval LOSS % - from 3 andesite has a numerous felsic also has 5-10% and minor chalce from 3 is relatively be except for very sulphides (less - from 3 contains felsic mately 5% pyrrhesection; this siliceous to QUARTZ VEIN 393 '-6 ' - quartz			8000	387 to						
			8' to 390'-4" the u	nit		390'-4"		•	Γ			
	To Install LOSS % - from 35 - andesite has a b - numerous felsic - also has 5-10% d - and minor chalco - from 36 - is relatively ba - except for very - sulphides (less - from 37 - contains felsic - mately 5% pyrrho - section; this se - siliceous to QUARTZ VEIN	fragments, and appr	oxi-									
		tite throughout thi	S									
					section; this se	ction is also very						`
					siliceous							
-4"	to				QUARTZ VEIN			7801	390'-4"			-
		1-6	,			vein has some pyrrh	otite		392'-6"	++		T
						pyrite (2-3% sulphi		7000	392'-0"	T	 	\vdash
		 			· · · · · · · · · · · · · · · · · · ·	d with mafic volcan		1/002	to 395	+	 	<u> </u>
		 	 		· · · · · · · · · · · · · · · · · · ·				100 377	4	 	₩

fragments within the vein

3	torted					Bearing	Let.	Coller	EI,	Log	ged by	115	De	te
C	omplet	ed				Angle from Horizon	Dep.	Botton	ı. El.	Rer	nerke			
0	rWer					Length	Location	Level						
-	Frem	RECOVERY				DESCRIPTION			Semple No.	Feet From To	Interval		ASSAY	
-	-6"					ANDESITE								
_		To Intend LOSS %				Detail: 392'-6"	to 457'			7803	395-398			
-		7				- from 39	2'-6" to 398' t	the		7804	476 to			
		557 99				andesite is stil.	l mineralized a	and sili			4781-6"			
						ceous $(1-1\frac{1}{2}\%$ sul	phides) but 398	3' appear	's	7805	488-491			
_						to be the end of	the major mine	eralized		7825	437-439			
-						intersection				7826	439-441			
						- the mine	eralization ext	tending		7827	441 to			
~						from 353' to 398	' is believed t	to be			4431-6"			
-						the cause of the	I.P. anomaly			7828	4431-6"			
						- two smal	ll quartz veins	s with			4449-6"			
						pyrrhotite are fo				7806	4971-6"			
						439'-5", 443'-6"	to 444'-4"				500'-6"			
_										7807	500'-6"			
					100	Detail: 457' - !	507'				502' - 6"			
_							ction of andes:	ite is		7829	4441-6"			
-						as described pre-	viously in (2)				to 447			
			RECOVERY LOSS											

erted					Beering	Let.	Collar El.		Log	ged by	2		Date	
mple	ted				Angle from Horizon	Dep.	Bottom. El.		Ren	norks:				
Mer		•			Length	Location	Level							
rom	To	interval	LOSS			DESCRIPTION			mple fo.	Feet From-To	Iranal		A86	AY
					- quartz ca	alcite veining	at the	78	30	398-400				
				ls:		78	31	400-403						
				475'-10" to 488'-6" to	480'-3"		78	32	403-405				` `	
					488'-6" to	491'-4"		78	33	405-407				
			#88'-6" to Minor pyrrhotite: 497'-6" to 500'-6" to											
					497'-6" to	4991								
					500'-6" to	502'-9"								
				100	Detail: 507' to !	557 '								
					- this sect	tion of andesi	te is							
					as described prev	lously in (2);	this							
					section appears to	o be barren an	d only							
					minor calcite clo	ts and stringe	rs are							
					present									
		I												
		1									 	1		

OCOLE: 1 = 60'-0"

ssig bassid oxnerz VEIL ME & BORGE BULLETZ VEHL F14.8 GLOBAL ENERGY FOULT LAKE DEILL HOLE LOG bection No. 5 Hole No.: 9-89-5 LEGEND OVERBURDEN LITERALDISTE PRAGACILITAL AUDEONE

ACLETZ VELLO

erted					Beering Az 210°	Let.	Coller E	I.	Log	med by J	<i>JA</i> S K. F	 ilo	Date M;	ar.16/
mplet	ed .				Angle from Horizon -45°	Ü e μ.	Hottom	11	- - -	rank s				
Melli	ANDE	RSTRO	M DRI	LLING	Length 4571	Location L28E 15100N		CORE SIZE: BO	,					
rom	To	Interval				DESCRIPTION			Sample No.	Feet From-To	Interval		ASS.	AY
	86				OVERBURDEN									
\dashv	269	'-11	"		METABASALT ?? (1)			7808	133-136				
							ned,			136-139				
\dashv							n of	1.	·	139-141 141 to			1	
┪		Angle from Horizon -45° Uep. Horizon NDERSTROM DRILLING Length 4571 Location L28E 15+00N RECOVERY To Interval LOSS %	1		7011	143'-6"								
\Box			rt											
\dashv			er part of the ur	iit.				ļ						
┪				1				-						
			wit	nin			ļ							
+				•	nd				 					
十			broken, some place	s brecciation is		<u> </u>								
\Box				hese blocky broke	en									
			į.		areas									

86

erted			- Fe sulph associated with s some instances wi - fracturi usually at least greater Detail: 86' - 14 99 - as descr section has a num as stated previou - at 120'- fracture exists r to core axis; min with it and some	Let.	Coller	EI.	Lo	gged by	1/2		Date			
nple	ted		Angle for Length Length Length Length Loss % associated as some length loss for a le		Angle from Horizon	Dep.	Botton	n. El.	Re	merks				
ter			Angle from Horizon Length RECOVERY LOSS % - Fe sulpassociated with some instances with usually at least greater Detail: 86' - 1 99 - as descond as stated previous stated previous fracture exists to core axis; minus with it and some	Location	Level									
		RECOVERY Length		DESCRIPTION			Sample	Feet			ASS	AY		
_	To					 	No.	From-To	Interval					
			- Fe sul	phides are fou	nd to be		7812			<u> </u>				
			RECOVERY LOSS * - Fe associated w some instance - fra usually at 1 greater Detail: 86' 99 - as section has as stated pr - at fracture exi		associated with	siliceous zon	es and ir		781	195'-6"				
			RECOVERY LOSS % - Fe sultansociated with some instances - fracture usually at least greater - Detail: 86' 99 - as des - section has a nas stated previous stated previous fracture exists to core axis; may with it and som - at 136	some instances	with fracture	planes			to 197					
				- fractu	ring in the un	it is		781	197-200					
				usually at leas	t 70° to core	axis or		781	200-202					
				greater								1		
									†	†				
7				Detail: 86' -	141'					1		1	1	
				cribed in (1)	this					ļ				
				umber of felsi	c bands			1		 	 	-		
				as stated previ	ously				<u> </u>	†	 	1	1	
		usually a greater Detail: 99 - section as stated fracture to core a		'-6" to 122' a	large				1		 	T		
			fracture exists	running at ab	out 87°	<u> </u>			†	 				
						ated		 	 	 	1	 		
ᅦ									†	 	+	1		
_		 				'-10" to 141'				+	+	1	+	+
		 -						ely		 	+	 	+	+
	\				-			1 -	 	-	-	ļ	-}	┼

ted .				Beering	Let.	Coller	E).	Log	ged by	ÏΖ		Date	
rpleted				Angle from Horizon	Dep.	Botton	n. El.	Ren	norks				
ler				Length	Location	Level	········						
		RECO	VERY		DESCOUNTION			Samole		1		ASS	AY
om To	Interval	LOSS	*		DESCRIPTION			No.	From-To	Iranya			
			99	Detail: 141' - 1	901								
				- as descr	ibed in (1) this								
				section has a mor	e massive appear	ance							
				- some dis	seminated pyrite	note	d			1			
1	1			at about 149'						1			
+	- at 166 quartz vein is p				10" to 167'-10" a	a sma	11			 			
1					esent; no minera	lizat	ion						
1							<u> </u>		<u> </u>	†			
					or mineralization	ı (py	rite)			1			
	1			found to be assoc	iated with fractu	re p	lanes			+	 		
1	1			- these fr	acture planes are	at				†			\vdash
+	 	-		about 85° to core	axis			 		1		 	
-	1									+			_
-	1		97	Detail: 190' - 2	69'-11"				 	+	 	 	<u> </u>
+	+				' to approximate	ν		 		+		 	+
+-					heavily fractured			 		 		 	
+	+	1		broken; small por				 	-	┪—	 	 	
+	+	 		vein are brecciat						+	 		
	+	 -	 	chalcopyrite and			fault zone		 	 	 	 	
	+	 	 					}	 		 	 	

terted				Bearing	Lat.	Colk	or El.	L	ogged by	16		Date	
omple	ted			Angle from Horizon	Dep.	Bott	tom. El.	R	emerks				
riller		 		Length	Location	Leve	H						
		RECOV			DESCRIPTION			Sample				ASS/	AY
From	То	LOSS	*	- the res	t of this sect	ion is	1	No.	From-To	Interval			
				relatively compe			ons	_	+				
		 		are more siliceo	-			- 		-			
		 			-7" to 260'-2"	a smal	11		 -	+			-
-				pink felsic dyke						+			
		 			15 prosent	**************************************							
-				- no real	significant m	ineral-			 	+	ļ <u> </u>		
		 		ization was note		·			+	+	<u> </u>	 	
				- the con	tact with the	migmati	ite		 	- 			
-				below is gradati	onal					 	ļ		
									 	1			-
-11	'to			MIGMATITE						 			<u> </u>
	457			- this un	it has both ma	fic							
				volanic and gran	itic material	bonded							
	\	*		together into on	e homogeneous	unit							<u> </u>
				- small p	ortions of the	unit							
				are silicified a	nd have some g	reen					1		
				stringers (epido	te?) associate	d with							
				altered zones							1		

			RECOVERY LOSS % also excep fract pyrit 99 Detai	Beering	Let.	Collar E		Loc	ged by	9 //		Date		
mple	ted				Angle from Horizon	Dep.	Bottom	· 		nerks	50.			
ller						Location	Level			<u></u>				
		RECOVERY LOSS %					T		T ==	i e	ASS	AY		
arn)	To			DESCRIPTION			Sample No.	From-To	Intered					
					fracture planes and 4" of m pyrite at 308'-10" Detail: 269'-11" to 337' - as described in (2 - a small quartz len	small quartz	veins		7816	298 to				
٦					also noted					2991-6"				
					- minera	lization is so	arce		7817	301-304				
					except for diss	eminated pyrit	e along		7818	308 to				
					fracture planes	and 4" of mas	sive			309'-6"				
7					pyrite at 308'-	re planes and 4" of massive at 308'-10"								
7									†					
7				99	Detail: 269'-1	ure planes and 4" of massive e at 308'-10" 1: 269'-11" to 337' - as described in (2) - a small quartz lense extends			1					
					- as des	e at 308'-10" : 269'-11" to 337' - as described in (2) - a small quartz lense extends								
					- a smal	e at 308'-10" 1: 269'-11" to 337' 1- as described in (2) 1- a small quartz lense extends			 				<u> </u>	
7					from 298' to 29	269'-11" to 337' - as described in (2)			1				†	
					quartz has 1-2%	disseminated	pyrite		 			†	1	
7	`		ţ.		- from 3	00'-9" to 303'	-/I" a		<u> </u>					T
┪					significant alte	ered zone exis	ts in					1	†	
					association with	n a fracture;	this	····			 	 	 	
_					altered zone has	s minor dissem	inated		 		1			1
ㅓ					pyrite			<u> </u>	 		 	 	 	f
-									 		 	 	 	
										}	 	 	 	┼

reed				Bearing	earing Lat. Collar El,			Logged by				Dete		
ompleted riller				Angle from Horizon	Dep.	Bottom. E	Bottom. El. Level		Remarks					
				Length	Location	Level								
			VERY	DESCRIPTION		Se	Sample	From-To	Iraterval	ASSAY				
7 mx	o inter	LOSS								No.			 	
			100	Detail: 337'										
1				- this	- this section appears to be a					ļ			<u> </u>	
				competent unit	competent unit									
				- this	real									
T				significant min	at									
				is visible										
				- this										
				(2) but more granitic material is										
				noted						1			<u> </u>	
1	1			- a few	small high ang	le frac-						<u> </u>	T	
		i,		tures are pres	ent (75 - 80° t	o core				1		-		
+		1		axis)						1			1	
1	1										<u> </u>		\top	
十		_			· · · · · · · · · · · · · · · · · · ·					1			 	
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F14.9

GLOBAL ENERGY PAULT LAKE

DIZILL HOLE LOG

bection No.: 6

Hole No .: 483-6

LEGEND



OVERENEDELL



VA) AETAENOMIT



NGALTITE

600LE: 1-60-0"

DRILLING REPORT

FOR

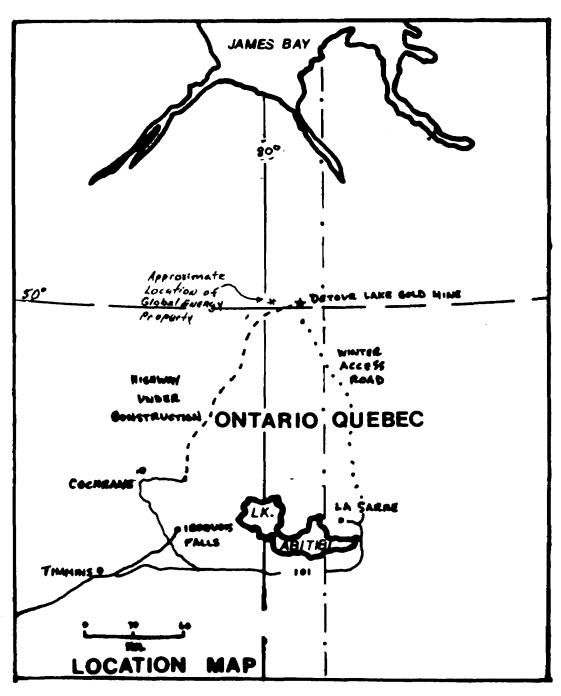
GLOBAL ENERGY CORPORATION

IN

FAULT LAKE, DETOUR LAKE AREA

0F

THE PORCUPINE MINING DIVISION



FIGHT LOCATION MAP FOR GLOBAL ENERGY, FAULT LAKE
Property

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P	555/80	P555179	P555178	P555 177	P555176	
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				0 6.836		
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-	P355190	0.445			I	
	()	P555189	p-555188	P555187	P555/86	
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L_	/	P653691	P553692	P553684	P553671	× G-83-1
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FAULT LA	VE		م	LAKE	1	
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endler		\		0	DRILL HOL	& COLLAR
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FIG#2 PROPERTY LUCATION (DETAIL) & DRILL HOLE LOCATION

Report by R. Phondles P. Eng.

INTRODUCTION

From February 1, 1983 to March 3, 1983, Global Energy Corporation of Vancouver, B.C. carried out a 3200 foot diamond drill program on the Fault Lake Property. This drill program was initiated to test south-west induced polarization (I.P.) anomalies. This brief progress report documents the results of this program.

LOCATION & ACCESS

The property is located at 50° O1'N latitude and 79° 48'W longitude or approximately 140 km northeast at Cochrane, Ontario.

Access to this property is by float plane from Cochrane, Ontario to Fault Lake on the southern portion of the property. Access in winter is also possible via a winter road to the Detour mine site from La Sarre, Quebec. (Fig. #1)

PROPERTY OWNERSHIP

The property consists of nineteen (19) contiguous mining claims numbered P-553671, P-553684, P-553691, P-553692, and P-555176 to P-555190 inclusive. These claims are registered in the name of Ingamar Exploration held in trust for Global Energy Corporation. (Fig. #2)

GEOLOGY

Drilling indicated that the east-central portion of the property contains intercalated mafic volcanics, tuffs and metasedimets. Surface data and drilling suggests that the strata in this section of the property strikes at about azimuth 110° and dips at about 80° to 90° N. This particular sedimentary volcanic sequence is intruded by a large gabbro intrusive. The metamorphic facies in this area ranges from upper greenschist to garnet amphibolite facies. This metamorphic imprint is believed to be a result of regional metamorphic effects.

The north central portion of the property contains a fragmental unit and mafic volcanics. Fragments within the fragmental unit are stretched and altered. This section of the property is believed to have undergone a relatively high grade of metamorphism also.

The far northwest corner of the property contains metabasalts and a heavily metomorphosed unit which has been designated as migmatite. This area is believed to be proximal to a granitic intrusive. (Figs. 3 - 10)

ECONOMIC GEOLOGY

The first three drill holes (G-81-1 to G-81-3) encountered pyrhotite, minor chalcopyrite and anomalous Au values. These three holes all picked up mineralization at

a gabbro basalt interface. (Figs. #3,4,5 & 10)

The anomaly tested by G-83-4 intersected a 27' zone of approximately 10% pyrhotite, minor chalcopyrite and anomalous Au values. Portions of this zone contained up to 25% disseminated pyrhotite.

This zone also contained mineralized quartz veins up to 2.5 feet in length.

Approximately 5 feet of brown micaceous alteration is associated with this sulphide intersection. This type of alteration and mineralization is found in association with an auriferous quartz stockwork at the Detour Lake Mine. Therefore, particular attention should be paid to this zone as it may be indicative of a potential gold bearing environment.

Two zones of mineralization were encountered in G-83-5. Both pyrhotite and minor chalco were found in the fragmental unit near the surface. This zone was the cause of a max-min conductor. At depth pyrhotite, chalcopyrite and minor mineralized quartz veining were found to be the cause of the I.P. anomaly. This zone also contained anomalous gold values.

Hole G-83-6 encountered approximatley 4 inches of pyrite and some disseminated pyrite. This mineralization was the cause of the I.P. anomaly found in this hole.

CONCLUSIONS

Mineralization was encountered in all of the six test holes on the Global property. Holes G-83-1 to G-83-5 inclusive intersected mineralized zones containing significant amounts of pyrhotite, minor chalcopyrite and anomalous gold values. An interesting alteration zone was found to be associated with the intersection in hole G-83-4. This brown micaceous alteration is comparable to alteration found in an auriferous stockwork at the Detour Mine site.

The mineralization and favourable geological environment found on the property suggest this area still has potential for economic gold mineralization. Further drilling should be considered to test mineralized zones at depth and along strike.

Respectfully submitted

Y.K. Filo

CERTIFICATE

I, John Kevin Filo of Timmins, Ontario hereby certify that:

- I hold an Honours B.Sc. degree in Geology from Laurentian University, Sudbury, Ont.
- 2) I have practiced my profession as in exploration geology continually since graduation.
- I have based my conclusions and recommendations contained in this report on knowledge of the area, my previous experience and on the results of the drilling program on the property during February and March 1983, which was carried out under my supervision.
- 4) I hold no interest in Global Energy
 Corporation nor do I expect to receive
 any interest in the property other than
 my professional fees.

K. Filo, Honours B.Sc.

