



## **Diamond Drilling**

Township of CAIRO

Report No: 14

Work performed by: Texasgulf Canada Limited

Claim Nº	Hole No	Footage	Date	Note
L 429222	C-51-1	478.01	Apr/76	(1)
L 429219	C-51-2	585.01	May/76	(1)

Notes:

(1) #204-76

L 429222 loom loom L 426532 Scale 1 = 200' 1800 585 L 429219

Joans Med

PR	OPERTY	Cairo 51 PROJECT 05 TENH 55								6 FINISH2/3 /76
н	DLE No	C-51-1 LAT. 18+30E DEP. 21+70S ELEV. LOC.	AZ. 185	AN	GLE54°	DE	PTH_	478	c	ASING 20
FROM	- TO	DESCRIPTION	SAMPLE No.	FROM -TO	SAMPLE LENGTH	Geoc Cu	he <b>45</b> :	Zn	Ag	AVERAGES AND AU REMARKS
0	20	Overburden				ppm	ppm	op <b>m</b>	ppm	ppb
20	24.5	ANDESITE BRECCIA: medium grey green, fine grained, subround to subangular								
		fragments 1-2cm in diameter in a slightly darker, weakly chloritic matrix.					-			
		5-10% matrix-		<b>  -</b> -	ļ	<del> </del>	<del> </del>	<del>                                     </del>		
		Sulphides: minor disseminated cubic pyrite. Lower contact broken and				<u> </u>	<u> </u>			
		marked by a 4cm band of carbonaceous chert.								
24.5	83	ALTERED ANDESITE: light to medium grey green, fine grained, fine spotting	c-1	70 75	5	96	40	220	1.7	5
		of leucoxene decreasing with depth, mottled clusters of possible feldspars	C-2	88	5	180	975	200	3.1	15
-		throughout, unit becomes weakly effervscent with depth, irregular veining								
,		of quartz-carbonate increasing with depth but not exceeding 10%, unit					ļ	<u> </u>		
-		becomes coarsely fractured towards lower contact.								
		Sulphide: minor disseminated pyrite to 28.						ļ		
		from 28 to 83 - 1% pyrite and pyrrhotite as fine disseminated								
		blotches.								_
		Lower contact broken at 45° to C.A.								
83	152	CARBONACEOUS ARGILLITE AND CHERT: black with medium grey sections, hard,	C-3	93 98	5	237	123	2140	1.9	25
		fine grained, fairly uniform with weak indications of bedding at 40° to 50°	C-4	103 108	5	161	62	770	1.4	5
		to C.A., 3-5% irregular stringers of carbonate-quartz	C-5	113 118	5	142	63	900	1.7	10
		Sulphides - 2-3% pyrrhotite as irregular blotches and clasts and fine		123   128	5	158	455	2540	1.5	15
		LOGGED BY: John Watkins DATE: May 3, 1976 PROPER	RTYCa	iro 51		НО	LE No	C-51-	1	PAGE No
74.						<del></del>				

	SAMPLE	SAMPLE				380C) -ASS	375		AVERAGES AN
DESCRIPTION	No.	FROM	1-10	LENGTH	Cu	Pb	Zn	ÞΑ	Au REMARKS
(con't) disseminations.					ppm	ppu	ppm	ppm	ppb
- 1% pyrite as cubic dissemination	C-7	133	138	5	127	345	1400	1.8	25
- minor chalcopyrite as fine dissemination with pyrrhotite	c-8	143	148	5	361	58	355	3.3	30
- trace of sphalerite and galena in quartz-carbonate stringers and									
along fracture planes.									
Lower contact broken					<u> </u>				
ANDESITE: medium grey green, fine grained, uniform and massive,									
Sulphide: <1% disseminated cubic pyrite	C-9	154	160	6	188	118	1800	1.7	15
Lower contact sharp at 60° to C.A. and chill over 2cm.									
CARBONACEOUS ARGILLITE AND CHERT: as before, 1% irregular quartz-carbonate	C-10	162	L67.5	5.5	158	170	2200	1.7	20
stringers.									
Sulphides: 1-2% pyrrhotite as round clasts up to 1cm and as irregular blotches					<u></u>				
and stringers.	<b></b>			··					
- trace of chalcopyrite and sphalerite								-	
Lower contact sharp but irregular.									
DACITE-RHYODACITE: medium grey with greenish grey sections, fine grained to	C-11	180	182	2	60	23	175	1.0	5
aphanitic, hard, :: weakly to moderately effervscent, sections up to 2 feet	C-12	210	212	6	108	38	150	1.8	40
of lighter, autobreectated material, becomes less felsic looking with depth.	C-13	236	242	6	40	140	270	1.7	25
Sulphides: averages 1-2% disseminated pyrite throughout unit, trace of galena									i 
- at 210.5: 6cm section of nodules pyrite with nodules up to 2cm									
- from 236 to 242: zone of autobrecciation and bleaching containing									
up to 10% cubic pyrite occuring between breccia fragment, specks									
	- minor chalcopyrite as fine dissemination with pyrrhotite  - trace of sphalerite and galena in quartz-carbonate stringers and along fracture planes.  Lower contact broken  ANDESITE: medium grey green, fine grained, uniform and massive,  Sulphide: <1% disseminated cubic pyrite  Lower contact sharp at 60° to C.A. and chill over 2cm.  CARECNACEOUS ARGILLITE AND CHERT: as before, 1% irregular quartz-carbonate  stringers.  Sulphides: 1-2% pyrrhotite as round clasts up to 1cm and as irregular blotches and stringers.  - trace of chalcopyrite and sphalerite  Lower contact sharp but irregular.  DACITE-RHYODACITE: medium grey with greenish grey sections, fine grained to aphanitic, hard, :: weakly to moderately effervscent, sections up to 2 feet of lighter, autobreeciated material, becomes less felsic looking with depth.  Sulphides: averages 1-2% disseminated pyrite throughout unit, trace of galena  - at 210.5: 6cm section of nodules pyrite with nodules up to 2cm  - from 236 to 242: zone of autobreeciation and bleaching containing	(con't) disseminations.  - 1% pyrite as cubic dissemination  - minor chalcopyrite as fine dissemination with pyrrhotite  - trace of sphalerite and galena in quartz-carbonate stringers and  along fracture planes.  Lower contact broken  ANDESITE: medium grey green, fine grained, uniform and massive,  Sulphide: <1% disseminated cubic pyrite  C-9  Lower contact sharp at 60° to C.A. and chill over 2cm.  CARBONACEOUS ARGILLITE AND CHERT: as before, 1% irregular quartz-carbonate  ctringers.  Sulphides: 1-2% pyrrhotite as round clasts up to 1cm and as irregular blotches and stringers.  - trace of chalcopyrite and sphalerite  Lower contact sharp but irregular.  DACITE-RHYODACITE: medium grey with greenish grey sections, fine grained to c-11 aphanitic, hard, : weakly to moderately effervscent, sections up to 2 feet of lighter, autobrectated material, becomes less felsic looking with depth.  Sulphides: averages 1-2% disseminated pyrite throughout unit, trace of galena - at 210.5: 6cm section of nodules pyrite with nodules up to 2cm - from 236 to 242: zone of autobrecciation and bleaching containing	(con't) disseminations.  - 1% pyrite as cubic dissemination  - minor chalcopyrite as fine dissemination with pyrrhotite  - trace of sphalerite and galena in quartz-carbonate stringers and  along fracture planes.  Lower contact broken  ANDESITE: medium grey green, fine grained, uniform and massive,  Sulphide: <1% disseminated cubic pyrite  C-9 154  Lower contact sharp at 60° to C.A. and chill over 2cm.  CARBONACEOUS ARGILLITE AND CHERT: as before, 1% irregular quartz-carbonate  Sulphides: 1-2% pyrrhotite as round clasts up to 1cm and as irregular blotches and stringers.  - trace of chalcopyrite and sphalerite  Lower contact sharp but irregular.  DACITE-RHYODACITE: medium grey with greenish grey sections, fine grained to  C-11 180  aphanitic, hard, :: weakly to moderately effervscent, sections up to 2 feet  C-12 210  of lighter, autobreeciated material, becomes less felsic looking with depth.  Sulphides: averages 1-2% disseminated pyrite throughout unit, trace of galena  - at 210.5: 6cm section of nodules pyrite with nodules up to 2cm  - from 236 to 242: zone of autobrecciation and bleaching containing	(con't) disseminations.  - 1% pyrite as cubic dissemination  - minor chalcopyrite as fine dissemination with pyrrhotite  - trace of sphalerite and galena in quartz-carbonate stringers and  along fracture planes.  Lower contact broken  ANDESITE: medium grey green, fine grained, uniform and massive,  Sulphide: <1% disseminated cubic pyrite  C-9 154 160  Lower contact sharp at 60° to C.A. and chill over 2cm.  CARBONACEOUS ARGILLITE AND CHERT: as before, 1% irregular quartz-carbonate  Stringers.  Sulphides: 1-2% pyrrhotite as round clasts up to 1cm and as irregular blotches  and stringers.  - trace of chalcopyrite and sphalerite  Lower contact sharp but irregular.  DACITE-RHYODACITE: medium grey with greenish grey sections, fine grained to  C-11 180 182  aphanitic, hard, weakly to moderately effervscent, sections up to 2 feet  C-12 210 212  of lighter, autobrecciated material, becomes less felsic looking with depth.  Sulphides: averages 1-2% disseminated pyrite throughout unit, trace of galena  - at 210.5; 6cm section of nodules pyrite with nodules up to 2cm  - from 236 to 242; zone of autobrecciation and bleaching containing	(con't) disseminations.  — 1% pyrite as cubic dissemination  — minor chalcopyrite as fine dissemination with pyrrhotite  — trace of sphalerite and galena in quartz-carbonate stringers and  along fracture planes.  Lower contact broken  ANDESITE: medium grey green, fine grained, uniform and massive,  Sulphide: <1% disseminated cubic pyrite  C-9 154 160 6  Lower contact sharp at 60° to C.A. and chill over 2cm.  CARBONACEOUS ARGILLITE AND CHERT: as before, 1% irregular quartz-carbonate  c-10 162 67.5 5.5  stringers.  Sulphides: 1-2% pyrrhotite as round clasts up to 1cm and as irregular blotches  and stringers.  — trace of chalcopyrite and sphalerite  Lower contact sharp but irregular.  DACITE-RHYODACITE: medium grey with greenish grey sections, fine grained to  of lighter, autobrectiated material, becomes less felsic looking with depth.  Sulphides: averages 1-2% disseminated pyrite throughout unit, trace of galena  — at 210.5: 6cm section of nodules pyrite with nodules up to 2cm  — from 236 to 242: zone of autobrecciation and bleaching containing	DESCRIPTION  SAMPLE No. TO SAM	DESCRIPTION	DESCRIPTION	DESCRIPTION

SAMPLE FROM-TO SAMPLE Cu Pb **AVERAGES** DESCRIPTION FROM - TO Au REMARKS ppm ppm ppm ppm ppb 256. (con't) 167.5 of galena noted . Lower contact broken 20 135 1.2 ANDESITE (?): medium grey green, fine grained, has a meely texture throughout C - 14260 262 256.5 300 with patches and irregular seams of chlorite; possibly the same unit as above but chloritized. Weakly efferyscent. Sulphides: < 1% disseminated cubic pyrite. Lower contact gradational. ANDESITE-DACITE: medium grey green with mottled blotches of creamy grey 408 bleached material, up to 10cm, irregular stringers and blotches of dark material which appears to be an amphibole and increases in content with depth , finely brecciated throughout but more evident in bleached sections, weakly effervscent. Sulphides: minor to narrow section of < 1% disseminated pyrite. Lower contact appears gradational. RHYOLITE: medium grey with creamy grey sections over two feet, finely flow 408 437 h12 176 30 105 1.5 banded - contorted banding, cherty, fine irregular quartz stringers throughout Sulphides: minor disseminated cubic pyrite. . Lower contact gradation with the appearance of quartz-feldspar porphyry fragments in rhyolite host. LOGGED BY: John Watkins DATE: May 3, 1976 HOLE NG-51-1 Cairo 51 PAGE No.

Geoches

		OFFCOURTION	SAMPLE	EDO	7	SAMPLE LENGTH		-AS:	AY3		AVERAGES A
ROM	- 10	DESCRIPTION	No.	PROM	1-10	LENGTH	Cu	Pb	èn_	Āσ	Au REMARKS
						· · · · · · · · · · · · · · · · · · ·	ppm	ppm	ppm	ppm	ppb
37	464	OUARTZ-FELDSPAR PORPHYRY (VOLCANOCLASTIC) medium grey to greyish green O.F.P.	C-17	460_	462	2	138	19	85	1.3	5 .
		fragments in a feldspar porphyry and quartz-feldspar-porphyry host, feldspar									
		phenocrysts most evident and average 3mm in length, quartz eyes less evident but									
		are up to 4 mm in diameter, grey green fragments are sericitic.						ļ.,	<u> </u>		
		Sulphides: minor disseminated pyrite.							<u> </u>		
		Lower contact broken.									
64	478	RHYOLITE as before, at 464.5: subround clast of sericitic rhyolite 4cm long.							<u> </u>		
-		Minor disseminated Py.	*								
	478	END OF HOLE									·
		-									
		ACID TESTS ANGLE (CORRECTED)									
•		200' - 52°									
		400' - 54 <sup>o</sup>					·				
							0	1			
							1				
		andison Pp				131					
		dd			٠, ٨	7					
				0							
-			<b>X</b>								
-			0								
		LOGGED BY: John Watkins DATE: 3rd May, 1976 PROPERTY	Cairo 5		L	<u> </u>	—— 1○ =	L	51-1	<u> </u>	GE No4

PROPERTY.		CON	TRAC	TOR_	Bradley	Bros.	5	TART_	4/5/7	6 FINISH 7/5/76
	C-52-2 LAT. 6+008 DEP. 18+30S ELEV. LOC	AZI	80	ANG	LE	DE Ge	PTH_ ocher	585 A <b>YS</b>		ASING 30  AVERAGES AND
FROM - TO	DESCRIPTION	No.	o. FROM		SAMPLE LENGTH	Cu	Pb	Zn	Ag	
							ppm	ppm	ppu	ppb
0 30	Overburden		<u> </u>			<u> </u>	ļ			
30 78.5	DACITE (ANDESITE): medium grey, fine grained, fairly uniform and massive	C-18	50	52	2	87	49	188	1.2	10
	with possible narrow pillow rims, sections up to one foot of feldspar	ļ		, ,			-	<u> </u>		
	rosettes up to 5mm in diameter, minor narrow quartz-carbonate stringers,	<b></b>	<u> </u>			-	<u> </u>			
	very weakly effervscent.	-	ļ			<del> </del>	1		_	
	Sulphides: <1% fine disseminated pyrite.	<u> </u>	<u> </u>	-	•	<u> </u>	<del> </del>			
-	Lower contact sharp @ 75° to C.A.	<b>_</b>			· · · · · · · · · · · · · · · · · · ·	<u> </u>	-			
78.5 79.4	BANDED SILICEOUS TUFF: dark grey, well banded @ 45° to 70° to C.A., fine	C-19	78.5	79.4	0.9	405	40	2470	1.5	80
	grained to aphanitic, weakly effervscent.	<b>↓</b>				<del>                                     </del>	ļ			-
	Sulphides: 20% pyrrhotite concentrated towards lower contact <1% fine		<del> </del>			┨——				
	disseminated_chalcopyrite	<u> </u>	<u> </u>							
	Lower contact sharp at 70° to C.A.		-			-	-			
79.4 119.5	DACITE (ANDESITE): as before, becoming fine/spotted (chlorite?) towards	<u> </u>	-				<u> </u>			
	lower contact, quartz-carbonate veining increasing with depth.	<del> </del>				<del> </del>				
	Sulphides: 1% pyrite as fine dissemination and as blotches on fracture					├	<u> </u>			
	planes.	-	-							
	Lower contact sharp at 80° to C.A.	<u> </u>			· · · · · · · · · · · · · · · · · · ·	-				
	Tohn Wathing May 3 1076			$\bigsqcup$	·					
	LOGGED BY: John Watkins DATE: May 3, 1976 PROPE	RTYCa	iro 5			НО	LE No	C-21-		PAGE No1
								·		

	1	DECCRIPTION I	SAMPLE	PLE FROM-TO		SAMPLE		ASS	<b>AYS</b>		AVERAGES A	
ROM	- TO	DESCRIPTION	No.	rkuk	1-10	SAMPLE LENGTH		Pb ppm	Zn ppm	Agr ppm	Au REMARKS	
19 1	122.5	CARBONACEOUS ARGILLITE: black, fine grained, banding poorly developed, 5%	C-20	119.	5122.	5 3	280	53	3650	1.7	45	
± 4.°.		irregular quartz carbonate fracture filling.										
		Sulphide: 3% Py and Po as irregular stringers, blotches and occasional nodule,	ļ					ļ	<u> </u>			
		trace chalcopyrite as fine disseminations.					ļ	<u> </u>	<u> </u>			
		Lower contact gradational	ļ	<u> </u>								
22.5	124.5	DACITE (ANDESITE?) as before. Sulphide:1% py. as narrow irregular stringers  Lower contact sharp at 50° to C.A.									<del></del>	
24.5	131	CARBONACEOUS ARGILLITE: black, more siliceous than before with narrow, light	C-21	124.	5131	5.5	117	62	1260	1.0	20	
		grey more siliceous beds. 5% irregular quartz-carbonate stringers.										
·		Sulphides: 3-5% sulphides mainly as pyrite occuring as fine fracture fillings										
<del></del> .		and blotches, trace of chalcopyrite and a trace of arsenopyrite  Lower contact sharp at 60° to C.A.									· · · · · · · · · · · · · · · · · · ·	
31_	218	DACITE-ANDESITE: medium grey to medium grey green, 5% irregular quartz-	C-22	196	198	2	69	176	336	1.5	_15	
		carbonate stringers, sections of spotted chlorite increasing with depth.  Sulphides: 1% as fine stringer and disseminations.						-				
		Lower contact broken.										
18	230.5	Rhyolite: medium creamy grey, cherty aphanitic, relict dark grey patches, faint	C-23	224	226	2	64	20	121	0.8	15	
		indication of banding, finely fractured throughout.	C-24	290	294	4	57	40	208	1.0	20	
•,		from 220 to 222, 223 to 223.4, 228 to 228.5 - fine grained, uniform dacite.	C-25	300	304	4	99	31	434	1.1	20	
			-									
•		Sulphide: 1-2% pyrite occuring mainly as fine fracture filling										

	<del>-</del> -	DECCRIPTION	SAMPLE	EDOM	4-TO	SAMPLE		<u> </u>	AYS			
ROM -	10	DESCRIPTION	No.	- NON	·- ·O	LENGTH	<u> </u>	Ph	Zn	Aq	Au REMARKS	
							ppm	ppm	ppm	ppm	ppb	
218 23	30,5	(con't)				-						
		Lower contact broken										
230.5	289.5	ANDESITE-DACITE: medium grey to medium grey green, 5-10% irregular quartz car-				•						
		bonate stringers.	·									
		from 260 to 289.5: irregular chloritic seams and slip planes start to develop										
		and increase with depth.										
		Sulphide: 1-2% pyrite as fine disseminated and irregular fracture fillings.									•	
		Lower contact sharp at 30° to C.A.	1									
	294.5	CARBONACEOUS ARGILLITE: black,15% irregular quartz-carbonate stringers										
•		Sulphides: 5% Py and Po with a trace of chalcopyrite										
•		Lower contact broken.				· · · · · · · · · · · · · · · · · · ·						
294.5	296	BRECCIATED ANDESITE-DACITE: medium grey green, tectonically fractured				·						
		with 10% carbonaceous material as fracture filling.										
		Sulphides: 2-3% Py (Po)										
	<u>.</u>	Lower contact broken.										
296	317	CARBONACEOUS ARGILLITE: as before ; 5% quartz-carbonate stringers										
		Sulphides: 5% - Py (Po) minor Cp.	<u> </u>									
		Lower contact broken.									· · · · · · · · · · · · · · · · · · ·	
31-7	319	BRECCIATED ANDESITE-DACITE: as before 5% Py.	ļ									
319	320	CARBONACEOUS SILICEOUS ARGILLITE: black, fine grained, 15% fine irregular			:						·	
		guartz-carbonate stringers.						-				
		LOGGED BY: John Watkins DATE: May 3,1976 PROPERTY	YCairo	51	41	}	HOLE	No.C_	51-2	PA	GE No3	

			SAMPLE	F		L.		L		L		L				CAMPIE		Schen	AYS		AVERAGES AN
FROM	<b>- TO</b>	DESCRIPTION	No.	FROM	A-TO	SAMPLE LENGTH	Cu	Pb	Zn	Ag	Au REMARKS										
							ppm	ppm	ppm	ppm	ppb										
319	320	(con't)																			
		Lower contact broken																			
320	329	BRECCIATED DACITE with CARBONACEOUS SEAMS: tectonically brecciated with carbon-						<u> </u>													
		aceous material as fracture filling, faint banding in some of the dacite							<u> </u>												
		fragments at 60° to C.A., very weakly effervscent.																			
		Sulphides: 3-5% pyrite as blotchy disseminations and stringers.							<u> </u>												
		Lower contact broken.																			
329	335	ANDESITE-DACITE: medium grey, fine grained, finely uniform, non-effervscent.																			
		Sulphides: 2% pyrite as disseminated and fine stringers.																			
		Lower contact marked by one inch quartz-carbonate vein at 45° to C.A.																			
335	337	SILICEOUS-CARBONACEOUS SEDIMENT: dark grey to black, finely banded, strongly	C-26	335	337	2	43	62	106	1.7	40										
		contorted and broken.																			
		Sulphides: -5% pyrite as irregular blotches, stringers.						<u> </u>													
		Lower contact appears gradational.																			
337	341	ANDESITE-DACITE: as before, coarsely fractured throughout.																			
		Sulphides: 3-5% pyrite as irregular blotches and stringers.																			
341	364	CARBONACEOUS DACITE BRECCIA: dark grey, fine grained, finely brecciated	C-27	341	345	4	150	248	1460	1.9	15										
		throughout, 5% fine irregular quartz-carbonate stringers.			:	-															
•		Sulphides: 5-8% pyrite mainly as fine irregular stringers.																			
		Lower contact broken				-															
								-													
		LOGGED BY: John Watkins DATE: May 3, 1976 PROPERTY	Cairo	51			-IOLE	NoC-	51-2		GE No4										

**ASSAYS** SAMPLE SAMPLE **AVERAGES** FROM-TO FROM - TO DESCRIPTION AN REMARKS LENGTH Cu ppm ppm ppm ppm ppb CARBONACEOUS ARGILLITE WITH SHORT SECTIONS OF BEDDED SILICEOUS SEDIMENT AND 381 364 364 366 C-28 174 53 3300 1.7 20 DACITE: unit is strongly deformed, up to 5% irregular quartz-carbonate stringers, unit becomes less carbonaceous with depth, bedding variable but appears to average 45° to C.A. Sulphides: 5% pyrite as irregular stringers Lower contact broken: gradational DACITE: medium grey, fine grained, finely fractured, 2% quartz-carbonate 381 386. stringers. Sulphides: 2% fine stringers of pyrite. Lower contact broken. CARBONACEOUS HORIZON: predominantly black carbonaceous argillite, with short 443 386. C-29 396 398 126 590 1590 2.5 20 sections containing tectonically deformed dacite units and siliceous rich C-30 430 432 127 543 5170 1.8 15 sediments, tectonic stretching and shearing appears to parallel core axis, 5-10% irregular quartz-carbonate stringers. Sulphides: unit averages 5% pyrite as irregular stringers and blotchy disseminations, trace of chalcopyrite. Lower contact broken at 80° to C.A. ANDESITE: medium grey, fine grained, finely mottled, uniform. 449 443 Sulphides: 1% disseminated py. Lower contact sharp at 45° to C.A. LOGGED BY: John Watkins DATE: May 3, 1976 HOLE NG-51-2 PAGE No \_\_\_ PROPERTY Cairo 51

Geochem

O 63 35:	CARBONACEOUS ARGILLITE: as before, minor, narrow dacitic sections  3-5% irregular quartz-carbonate stringers.  Sulphides: 5% pyrite as irregular stringer, trace of chalcopyrite  Lower contact broken.  DACITE: grading from dark grey (carbonaceous) to a medium grey with depth,  fine grained, fairly fractured throughout decreasing in intensity towards lower	No. C-31	476		SAMPLE LENGTH 2			Zn pp# 3450	Aq ppm 1.9	AVERAGES AN Au REMARKS
	3-5% irregular quartz-carbonate stringers.  Sulphides: 5% pyrite as irregular stringer, trace of chalcopyrite  Lower contact broken.  DACITE: grading from dark grey (carbonaceous) to a medium grey with depth,	C-32			2	250m	ppm 195	рр <b>и</b> 3450	1.9	ppb 60
35:	Sulphides: 5% pyrite as irregular stringer, trace of chalcopyrite  Lower contact broken.  DACITE: grading from dark grey (carbonaceous) to a medium grey with depth,		476				-			
35:	Lower contact broken.  DACITE: grading from dark grey (carbonaceous) to a medium grey with depth.		476				-			
35:	DACITE: grading from dark grey (carbonaceous) to a medium grey with depth.		476						1	L
35:			476	1			↓			
	fine grained, fairly fractured throughout decreasing : in intensity towards lowe	-	<del>                                     </del>	478	2	74	71	218	1.5	10
		r								
- 1	contact, 5% irregular quartz-carbonate stringers		ļ						<u> </u>	
	Sulphide: 1% disseminated Py.						<u> </u>			
	Lower contact broken.	:							5) 86,49	
36	CHLORITIC TUFF: dark grey, tectonically elongated laths of dacite in a	C-33	535	536	1	254	34	48	2.0	30
	predominantly chloritic matrix, foliated at a low angle to core axis.									
	Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.									
	Lower contact broken, but sheared at 10° to C.A.									
74.5	FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long	C-34	552	554	2	12	62	158	1.4	ND
	in a dark grey green matrix, texture becomes distinctly granular and lighter				. <del>.</del>					
	coloured with depth	••								
	Lower contact is fine grained				•					
	from 560 to 574.5 feldspathic nature still evident		ļ			-				
	1-2% quatz-carbonate stringers			5						
	Sulphide: 1% disseminated pyrite									
	Tower contact broken	-	-							
										s Longo
		CHLORITIC TUFF: dark grey, tectonically elongated laths of dacite in a predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long in a dark grey green matrix, texture becomes distinctly granular and lighter coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident  1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Tower contact broken	CHIORITIC TUFF: dark grey, tectonically elongated laths of dacite in a  predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long  in a dark grey green matrix, texture becomes distinctly granular and lighter  coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still ewident  1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken	CHIORITIC TUFF: dark grey, tectonically elongated laths of dacite in a  predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long C-34 552  in a dark grey green matrix, texture becomes distinctly granular and lighter  coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident  1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower confact broken	CHLORITIC TUFF: dark grey, tectonically elongated laths of dacite in a C-33 535 536 predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  4.5 FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long C-34 552 554 in a dark grey green matrix, texture becomes distinctly granular and lighter coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident 1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken	CHIORITIC TUFF: dark grey, tectonically elongated laths of dacite in a predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long C-34 552 554 2 in a dark grey green matrix, texture becomes distinctly granular and lighter coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident 1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken	CHIORITIC TUFF: dark grey, tectonically elongated laths of dacite in a C-33 535 536 1 254  predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long C-34 552 554 2 12  in a dark grey green matrix, texture becomes distinctly granular and lighter  coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident  1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken	CHIORITIC TUFF: dark grey, tectonically elongated laths of dacite in a c-33 535 536 1 254 34 predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  4.5 FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long c-34 552 554 2 12 62 in a dark grey green matrix, texture becomes distinctly granular and lighter coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident 1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken	CHLORITIC TUFF: dark grey, tectonically elongated laths of dacite in a C-33 535 536 1 254 34 48 predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  4.5 FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long C-34 552 554 2 12 62 158 in a dark grey green matrix, texture becomes distinctly granular and lighter coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident 1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken	CHLORITIC TUFF: dark grey, tectonically elongated laths of dacite in a  C-33 535 536 1 254 34 48 2.0  predominantly chloritic matrix, foliated at a low angle to core axis.  Sulphide: 3% sulphide mainly as disseminated Py., minor chalcopyrite.  Lower contact broken, but sheared at 10° to C.A.  4.5 FELDSPAR PORPHYRY: fine grained to 540 with pink feldspar laths up to 3mm long C-34 552 554 2 12 62 158 1.4  in a dark grey green matrix, texture becomes distinctly granular and lighter  coloured with depth  Lower contact is fine grained  from 560 to 574.5 feldspathic nature still evident 1-2% quatz-carbonate stringers  Sulphide: 1% disseminated pyrite  Lower contact broken

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ROM -	- TO	DESCRIPTION	SAMPLE	FROM	1-TO	SAMPLE LENGTH		<del>-ASS</del> PB		Ag	AVERAGES AN AU REMARKS
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			10.35	+	E00		227	000	050	-	160
574.5	585	FELSIC TUFF: dark grey, fine grained-granular, 5% quartz-carbonate veining.	C-35	74.5	280	5.5	23/	900	860	5.4	160
		Sulphides: 5% disseminated pyrite., trace of chalcopyrite		<del> </del>			<b> </b>				
	585	END OF HOLE	-	-							
			-	-					<u> </u>		
		ACID TESTS							<u> </u>		
		FOOTAGE ANGLE (CORRECTED)							ļ		
		200' -46°				<u></u>					
,		400' -46 <sup>0</sup>	ξ,								
	-	585' -48°									
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