

DIAMOND DRILL RECORD

HOLE NUMBER G3

G3

FOOTAGE		RECOVERY		DESCRIPTION	ASSAYS					Sample Number	BULK ASSAYS					REMARKS				
From	To	Ft.	%		From	To	Ft.	% Cu.	% FeS ₂		Oz. Au.	Oz. Ag.	From	To	Ft.		% Cu.	% FeS ₂	Oz. Au.	Oz. Ag.
0	1	1		0 - 95															Core badly broken and ground 0 - 1' 2-10'	
	10 1/2	3 3/4		Pale grey (with a greenish hue) coarse grained (modal 5mm) sericite quartz fragmental schist. No visible mineralisation.	NOT ASSAYED.															Sand present between 2-10' (with core) and also 10 1/2 - 16 1/2
	16 1/2	Sand		S/CA 30 deg. uneven at 5'. Between 73 and 82' the core is extensively shattered and puggy and similarly from 91 1/2 - 95'. Sand is present 87 - 89' and at 92'.																82-86 1/2
	20																			
	64	1 3/4																		
	68 1/2	1/4																		
	69	0																		
	73	3																		
	77	3 1/4																		
	82	1 1/2																		
	87	3/4																		
	92	2		95 - 130																
	97	3 3/4		Light grey, massive quartz schist cont. minor sericite. At 101' core exhibits banding similar to rhyolite flow banding. A typical small scale, banded flow or slump fold is present at 111'. The schistosity is not well developed but tends to be parallel to the core axis and essentially parallel to the flow banding.																
	101	2 1/2		Between 122' and 128' the pug bands cont. a black, glassy, brittle mineral (or mineraloid) which is soft (H<2) - appears to be a manganese mineral.																
	104	2 1/4																		
	106 1/2	2 1/4																		
	111	3 1/4																		
	115	3																		
	119	2 1/2																		
	121	1 1/2																		
	123 1/2	1 1/4																		
	127	3 1/2																		
	130	3/4																		
	132	3/4		130 - 237.																
	135	2 3/4		Pink - grey and streaked brown, coarse grained siliceous rhyolite type flow breccia consisting of angular fragments of banded and massive sil. rock in a highly siliceous matrix. Fragments vary in size up to 3 cms. across, modal (5mm - 10 mm). Schistosity is only weakly developed and parallel to core axis.																
	139	3 1/4		No visible mineralisation. The rock becomes brecciated after about 157', and prior to this it appears to be a massive siliceous rhyolitic rock. The brecciated texture is not evident after 169' and the rock again becomes a massive siliceous rhyolitic rock, banded parallel to schistosity at 183'. S/CA 10 deg. uneven, very poorly developed.																
	147	3/4		After 184' rock again has a vague fragmental appearance cont. siliceous fragments up to 4 cms across and is slightly chloritic 184-187																
	160	2 1/2																		
	163	1																		
	165	3/4																		
	169	1																		
	174	2 3/4																		
	179	1/4																		
	184	1 1/4																		
	189	2 1/2																		
	194	1 1/4																		
	200	1 1/2																		
	208	2																		
	218	2 3/4																		
	223	3																		
	229	1 3/4																		
	237	1 3/4																		
	238	3/4																		
	242	2																		

Thin section prepared poor 146'. Sand present between 170-172'. 174-183' 186 1/2 - 189'; 190 1/2 - 198'; 202-208'; (fawn fine grained sand). Core badly broken and ground 199-237'.

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242	247	1/4		(237 - 276)														
	253	0		Purple grey, coarse grained (modal 5 mm)														
	255	0		moderately haematitic sericite quartz														
	260	1/2		fragmental schist cut by coarsely mottled														
	267	3		buff schist 256-260' which shows banding														
	272	3		at 30 deg. to CA at 257'. S/CA approx. 30														
	275	1 1/2		deg/CA but is weakly developed. Rock is														
	280	1/2		pitted by leaching. No visible mineral-														
	284	1		isation. Quite strongly haematitic after														
	288	1/2		274'.														
	294	1/4		(276 - 309)														
	300	1 1/4		Light grey-white, hard medium-coarse grained														
	305	1 1/4		quartzite sandstone containing fine grains														
	310	1		of a black mineral (probably chromite ^{CHROMITE})														
	314	1/2		and is locally stained green. Between														
	320	0		294' and 300' the sandstone is cut by														
	325	1 3/4		a limonite cemented fault breccia and														
	330	1		between 300 and 305 consists of clay cont.														
	333	2		angular quartzite fragments.														
				(309 -														
				Medium brown, soft plastic ^{PLASTIC} clay cont.														
				occasional fragments of the above rock type.														
				The clay becomes gritty after 333'														
				and is slightly haematitic (stained														
				purple) at 355'. Numerous pieces of														
				white quartzite sandstone cont.														
				chromite occur between 349 and 378'.														
				At about 370' the core cont. a short														
				length ^{LENGTH} (3") of light grey slightly														
				greenish, mottled purple haematitic														
				quartzite after which the core														
				consists of clay cont. pebbles of														
				quartz and quartzite.														
				(373 - 378)														
				Grey-brown, coarse grained sand cont.														
				angular pebbles of light grey,														
				chloritic ^{CHLORITIC} quartzite.														
				(378 - 392)														
				Brown clay cont. fragments and pebbles														
				of quartz, quartzite and haem. quartz.														
				Between 390 1/2 and 392' is a med-														
				coarse grained, brown sand.														
				(392 - 396)														
				Light grey, medium grained, quartzite														
				sandstone cont. minor chlorite ^{CHLORITE} CHROMITE														

Sand present between
208-218
223-229
230-235'
Hole caving at 168'
Drillers report
loss of return water
at approx. 240'.

Core very badly
broken and ground
237 - 314.

Clay 300-305, 309-333'.

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				and pebbles, but also considerable crusty limonite.* Traces of metallic copper also occur. One flattened piece 4 mm wide and 3/4" long looks unnatural, but other tiny plates occur.														
503	508	4		At 537 3/4 to 538 is a band of charcoal in the clay.														
	515	3																
	525	2 1/2																
	527 1/2	2 1/2																
	530	2																
	537	1		(538 - 544) Light brown weathered argillaceous sandstone (probably of the Pioneer beds). Bedding is apparent at 40°/CA at 542 1/2.														Core badly broken 538 - 546. * The copper is probably derived from drilling gear
	538	1																
	542	1 1/4																
				(544 - 572) Dull purple and grey-green coarse grained to medium grained slightly hematitic quartzite congl. and sandstone.														
	546	1 1/4																
	548	1/4																
	554	1/4																
	559	1/2																
	567	2 1/2																
	571	1/2																
	572	1/4		The core is predominately of purplish sandstone and grit with angular fragments modal (2-3 mm). Local grey green coarser bands occur.														Core badly broken + ground 546-572
				END OF HOLE														

□ !! manganese oxides