





# DIAMOND DRILL RECORD

HOLE NUMBER C51

C51

FOOTAGE		RECOVERY		DESCRIPTION	ASSAYS						Sample Number	BULK ASSAYS						REMARKS		
From	To	Ft.	%		From	To	Ft.	% Cu.	% FeS <sub>2</sub>	Oz. Au.		Oz. Ag.	From	To	Ft.	% Cu.	% FeS <sub>2</sub>		Oz. Au.	Oz. Ag.
0	13½			(0 - 27)															Core broken or just pebbles - considerable re drilling.	
	14½			Rubble; with a few pieces of core up to 4". Pebbles partly rounded.	Not assayed															
	15½			Quartzite, quartz, and a few fragments of both dolerite and conglomerate.																
	16½																			
	17																			
	20																			
	27																			
Core recoveries not estimated. 0'-27' represented by 9' of rubble.																				
27	53			(27 - 116)															Much grinding and re-drilling.	
	57			Debris. Gravel, and pebbles up to 6". About one third grey clay, sometimes sandy with fine gravel and some rusty patches in it.	Not assayed															
	64																			
	80																			
	88																			
	93																			
	98																			
	103																			
	108																			
	111																			
	116																			
27' to 116' represented by 15' of clay and rubble. Recoveries not determined.																				
116	121			(116 - 155)															Much grinding and re-drilling	
	125			Detritus.																
	128			Pieces and pebbles up to 4" long - mainly quartzite, some fine and medium grained conglomerate.																
	13½			Some clayey sand and some medium gravel. A few pieces of greenish quartzite, possibly chloritic, veined with dark red jasper.	Not assayed															
	138																			
	140																			
	142																			
	155																			
116'-115' represented by 8 ft. of debris. Recoveries not calculated.																				
155	165			(155 - 223)															Much grinding and re-drilling	
	167½			Rubble-quartzite and haematitic conglomerate - average pebble size ¼" or less - one piece chloritic conglomerate. 18" sand between 198 and 220'.	Not assayed															
	170																			
	179½																			
	181½																			
	188																			
	19½																			
	198																			
	220-1½'																			
	223																			
Recoveries not calculated - one box of rubble and sand.																				

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				<del>(155 - 223) continued.</del>													
				<del>Recoveries not calculated - one box of rubble and sand.</del>													
223	230	6	86	(223 - 234 $\frac{1}{2}$ )												Core quite solid - very little breakage.	
	234 $\frac{1}{2}$	4	89	Limestone - dark blue grey. Mottled texture, probably somewhat sandy and very coherent. Some distorted veins of fine, dark material. Veins of pyrite, very fine grained, probably syngenetic at 233'.	Not assayed.												
234 $\frac{1}{2}$	241	6 $\frac{1}{2}$	100	(234 $\frac{1}{2}$ - 253 $\frac{1}{2}$ )												Core slightly broken in patches.	
	241 $\frac{1}{2}$	$\frac{1}{2}$	100	Limestone, dark blue-grey, very compact and coherent.													
	243 $\frac{1}{2}$	2	100	Probably contains both sand and mud. Possible bedding at 236													
	250	6	92	(between light and dark layers) almost normal to core axis - but a poor occurrence.													
	250 $\frac{1}{2}$	$\frac{1}{2}$	100	Dark, fine, veinlets. Calcite veinlets throughout, Some fine, syngenetic pyrite associated with dark veins, and coarse calcite patches 250 $\frac{1}{2}$ -253 $\frac{1}{2}$ have pyrite rims.	Not assayed.												
253 $\frac{1}{2}$	258	4	89	(253 $\frac{1}{2}$ - 262)	253 $\frac{1}{2}$	256	2 $\frac{1}{2}$	% Cu	% FeS <sub>2</sub>	% Pb	% Zn					Core broken in patches.	
	257 $\frac{1}{2}$	1	67	Fairly massive, very dark limestone.					0.016	7.34	<0.02	0.006					
	261	$\frac{1}{2}$	33	Heavily veined with calcite, and patches of calcite also.													
	262	$\frac{1}{2}$	50	Py. veins and patches - often associated with the calcite.	NOT ASSAYED AFTER 256'.												

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From	To	Ft.	%		From	To	Ft.	% Cu.	% FeS <sub>2</sub>	Oz. Au.		Oz. Ag.	From	To	Ft.	% Cu.	% FeS <sub>2</sub>	
225	231	6	100	Hole ran off course at 225' - core to 231' and then ran off course again at 223'.														
223	226½	3½	100	(225 - 231) & (223 - 257)														
	233	6½	100	Limestone - dark blue-grey, and compact.														Core broken
	236½	3¼	93	Sandy with fine dark stringers, giving a mottled effect. Appears to be a sedimentary texture.														242½ - 243½
	243	6½	100	Becomes more even in texture after 243, and calcite veins and veinlets become common. Heavily veined with calcite 250 - 252 with associated patches of pyrite.														255 - 257
	244½	1	67	Bedding possibly at <del>15</del> <sup>75°</sup> - <del>15</del> <sup>80°</sup> deg. to core axis - shorn by dark bands and a layered effect in the mottled texture.														
	246½	2	100															
	257	7½	71	Hole cemented above 257'. Cement drilled out and hole apparently ran off course again at 242'.														
242	252	9½	95	(242 - 296)														
	258½	6½	100	Limestone - sandy in the main and somewhat mottled. Fine, darker veins.														Core somewhat broken - particularly
	268½	10	100	Calcite veins and patches throughout, and fine patches and veins of pyrite often associated with the calcite. Bedding, shown by dark veins and changes in grain size apparently at 80 deg. to core axis (but poor occurrences).														268½ - 296.
	278½	4½	45															
	288½	1	10															
	296	3	40															
296	306	9½	95	(296 - 306) Limestone. Largely fine-grained, but sandy patches. Bedding at 70 deg. to C.A. At 303½ a few organic remains. Elliptical corallites - possible chain formation. A Halysitid (?) Calcite patches throughout with associated pyrite. At 297½ pyrite over a few inches in excess of 50%.														Core somewhat broken and minor grinding throughout.

NOT ASSAYED

NOT ASSAYED

NOT ASSAYED



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From	To	Ft.	%		From	To	Ft.	% Cu.	% FeS <sub>2</sub>	Oz. Au.		Oz. Ag.	From	To	Ft.	% Cu.	% FeS <sub>2</sub>		Oz. Au.
				(420 - 439 $\frac{1}{2}$ ) Limestone - same as 386 $\frac{1}{2}$ -420.															
439 $\frac{1}{2}$	443 $\frac{1}{2}$	1 $\frac{1}{4}$	31																
	453	4	42																
	456 $\frac{1}{2}$	1 $\frac{1}{4}$	36																
	462	2 $\frac{1}{2}$	46																
	463	1 $\frac{1}{2}$	50																
	468	3 $\frac{1}{4}$	15																
	472 $\frac{1}{2}$	3 $\frac{1}{4}$	14																
	477 $\frac{1}{2}$	1 $\frac{1}{2}$	10																
	486	5	59																
	491	3 $\frac{1}{2}$	70																
	496	3	60																
	499	2 $\frac{1}{2}$	83																
	504	1 $\frac{1}{2}$	30																
	506	3 $\frac{1}{4}$	37																
	511	2 $\frac{1}{2}$	50																
	513	3 $\frac{1}{4}$	37																
	517 $\frac{1}{2}$	4	89	(439 $\frac{1}{2}$ - 478)															
	521 $\frac{1}{2}$	3 $\frac{3}{4}$	94	Similar to above. Dark grey, fine grained, uniform limestone containing minor fossils and stylolites.															
	525	1	29																
	529	1 $\frac{1}{2}$	38																
	535 $\frac{1}{2}$	4 $\frac{1}{2}$	69																
	538 $\frac{1}{2}$	3 $\frac{1}{4}$	58																
	548	2	21																
	557	1 $\frac{1}{2}$	17	(478 - 490)															
	563 $\frac{1}{2}$	2 $\frac{1}{2}$	39	Highly fossiliferous limestone (including corals, pelecypods)															
	567 $\frac{1}{2}$	1 $\frac{1}{2}$	38																
	572 $\frac{1}{2}$	1 $\frac{1}{2}$	30																
	575	1 $\frac{1}{4}$	6																
				(490 - 514)															
				Similar to 439 $\frac{1}{2}$ - 478). Banding at 80 deg. to core axis. Minor blebs of pyrite (less than 1%).															
				(514 - 575)															
				Dark grey, fine grained fossiliferous limestone cut by minor calcite veins and stylolites. No visible mineralization. Banding at 80-90 deg./CA.															

NOT ASSAYED

Core somewhat broken

Core badly broken and reground 439 $\frac{1}{2}$ -576 $\frac{1}{2}$

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HOLE NUMBER 051

FOOTAGE		RECOVERY		DESCRIPTION	ASSAYS				Sample Number	BULK ASSAYS				REMARKS					
From	To	Ft.	%		From	To	Ft.	% Cu.		% FeS <sub>2</sub>	Oz. Au.	Oz. Ag.	From		To	Ft.	% Cu.	% FeS <sub>2</sub>	Oz. Au.
575	584 1/2	2	21	(575 - 588 1/2)															
	588 1/2	1 1/4	31	Dark grey, fine grained massive limestone containing minor <del>stylolites</del> , stylolites.															
	596 1/2	5	63																
	605 1/2	3/4	8																
	613	1/4	3																
	618	1/2	10																
	621	1 1/2	50																
	631	1 1/4	13																
	641	2	20																
	646	1/2	10																
	654	1 1/2	19																
	664	1 1/2	15																
	671	1	14																
	679	1/4	3																
	688	1 1/4	14																
	696	1 1/4	16																
				(588 1/2 - 646)															
				Similar to above. Locally coarse grained 589 1/2 - 591'. Contains minor fossils - gastropods, and bryozoans (?) At approx. 630' medium light grey, thinly laminated silty limestones containing thin bands of fine grained pyrite along the laminae (syngenetic?) Between 640-641' light grey, medium grained, partially recrystallised limestone. Pyr. less than 1%. Bedding/CA = 60 deg.															Core badly broken and ground 588 1/2 - 646 1/2.
				(646 - 696)															
				Dark grey, medium grained limestone containing minor fossils and cut by numerous thin, irregular veinlets of calcite. Between about 690-696' the limestone is a medium grey fine grained laminated rock. Bedding/CA 50 deg.															Core badly broken and ground 646-696.

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From	To	Ft.	%	From	To		Ft.	% Cu.	% FeS <sub>2</sub>	Oz. Au.	Oz. Ag.	From	To		Ft.	% Cu.	% FeS <sub>2</sub>	Oz. Au.	Oz. Ag.			
696	703	1/2	7				(696 - 733)															
	713	1/2	15			Medium - dark grey fine grained uniform limestone. Laminations/CA = 40° with minor fine grained, anhedral py. 1 - 2%. Schistoisty/CA = 20 - 30° @ 713'.																
	723	1/2	5																			
	733	1/4	2 1/2			(733 - 801')																
	743	1/2	5			Dark grey fine-med. grained limestone cut by 2-3" calcite vein at 778 (approx.) S/CA 30 deg. @ 778'																
	753	1/4	2 1/2																			
	763	1/4	2 1/2																			
	768	1/4	5																			
	778	1	10																			
	788	0	0			E/H.																
	801	0	0																			

Core very badly broken and re-ground  
 733 - 798  
 No core  
 778 - 793  
 793 - 801.