

DIAMOND DRILL RECORD

Hole Number	G.L. 3				Purpose															
Location					To test the McPhar I.P. Anomaly lying to the east of the collar position.															
	GREAT LYELL																			
Level /Grid	SURFACE																			
Co-ordinates	2436.96N	5986.22E																		
Collar R.L.	328.27																			
Length	122.22																			
Survey Depth	Date																			
	Depth	Collar	118.87																	
Bearing	062°																			
Inclination	-045°																			
Rod Size					Comments															
Machine																				
Logged by																				
1:500 Plans																				
1:500 Sections																				
					Commenced	1st September, 1961														
					Completed	27th September, 1961														

ADVANCE		RECOVERY		ASSAYS							BULK ASSAYS							REMARKS
From	To	m.	%	From	To	m.	%Cu	%FeS ₂	A _{ugm/mT}	A _{9gm/mT}	From	To	m.	%Cu	%FeS ₂	A _{ugm/mT}	A _{9gm/mT}	
				0'	150'		N.A.				150'	170'						
0'	120'6"	C		150'	160'		0.09				170'	180'						
120'6"	125'10"	A		160'	170'		0.20				180'	200'						
125'10"	128'4"	B		170'	175'		0.30	30' of 0.22			200'	250'						
128'4"	133'5"	A		175'	190'		0.19				250'	260'						
133'5"	141'	B		190'	210'		0.05				260'	270'						
141'	153'9"	A		210'	215'		0.16				270'	280'						
153'9"	159'2"	C		215'	255'		0.05				280'	290'						
159'2"	165'7"	B		255'	260'		0.50	5' of 0.5			290'	340'						
165'7"	167'3"	A		260'	275'		0.07				340'	401'						
167'3"	172'3"	B		275'	280'		0.40											
172'3"	174'3"	A		280'	290'		0.10											
174'3"	175'8"	B		290'	305'		0.05											
175'8"	185'2"	A		305'	310'		0.10											
185'2"	188'8"	C		310'	325'		0.04											
188'8"	193'11"	B		325'	330'		0.10											
193'11"	232'5"	A		330'	350'		0.06											
232'5"	236'2"	B		350'	365'		0.10											
236'2"	252'8"	A		365'	401'		0.06											
252'8"	255'6"	B		401'														
255'6"	293'	A																
293'	300'	B																
300'	372'11"	A																
372'11"	374'8"	C																
374'8"	377'10"	B																
377'10"	381'10"	A																
381'10"	382'11"	B																
382'11"	383'9"	C																
383'9"	393'10"	A																
393'10"	401'	B																

	DESCRIPTION	REMARKS
0 - 35'	Cement, detritus, etc.	
35 - 55'	Greenish chloritic schist fragments.	
55 - 70'	Pinkish quartz sericite schist with large ($\frac{1}{4}$ ") brick red spots. 55'-59' 59' - 63' white quartz-chlorite-siderite veining.	
70 - 77'	Dark green chloritic schist.	
77 - 140'	Pink quartz sericite schist. 77' - 81' mainly quartz-siderite-chlorite veining. 91' - 109' tends to a quartz chlorite sericite schist. 109' - 118' almost complete core loss. Some pyrite at 118'. 119' - 128' veinlets and blebs of quartz-siderite material are prominent. 136' - 140' spotted with chlorite.	
140 - 166'	Dark green chlorite schist. Veinlets and blebs of white quartz-siderite. 140' - 145' slightly pink - gradational material a little fine pyrite present. S.C.A. 50° at 145'.	
166 - 180'	Pink quartz sericite schist, slightly hematitic. 166'-168'6" quite hematitic. Fine pyrite present in bands not parallel to schistosity. 172' - 176' white quartz-siderite-chlorite vein with fine pyrite and some coarse blebs of chalcopyrite. 176' - 176'6" very pyritic pale grey sericitic schist.	160-190' 30' @ 0.22 Cu.
180'- 185'6"	Pink and green quartz sericite/chlorite schist.	
185'6" - 192'	Pink quartz sericite schist. Small patches of hematitic material occur. Little pyrite.	
192' - 200'6"	Purplish pink quartz sericite hematite schist. Fine pyrite is present, sometimes concentrated in bands parallel to schistosity. S.C.A. 50° at 194'.	
200'6" - 209'	Greyish green chlorite schist with patches of hematite-rich material to 203'. Blebs of quartz-siderite material common.	
209 - 213'	Pinkish quartz sericite chlorite schist. Numerous cracks filled with quartz-siderite.	
213 - 226'	Purplish grey quartz sericite hematite schist 217' - 217'6", 219' - 221'. Pink quartz sericite schist, quite pyritic.	
226 - 235'	Greyish quartz sericite schist with some flecks of dark green chlorite. Small patches of pink pyritic quartz sericite schist frequently occur.	
235 - 308'	Quartz sericite chlorite schist. Varies from quartz sericite schist (pink) to quartz chlorite schist (green), as well as including gradational material. 235' - 236' flecked with hematitic material. 244'9" - 245'6", 247'6" - 248' white quartz siderite veining. S.C.A. 45° at 235'. Where patches of quartz sericite schist occur, moderate pyrite also occurs. 250' - 252' pink quartz sericite schist. 252' - 253' quartz siderite chlorite vein.	

