

DIAMOND DRILL CORE RECORD

Hole Number..... Nine (9)
 Area of Operation..... MT. LINDSAY
 Location..... Surface
 Co-ordinates of Collar 2071.25N; 2050.85E

Date Commenced..... 8.1.64..... Completed 23/4/64
 Geological Logging by..... J. Couper }
 Core Recovery..... A. McGain }
 Drilled by..... Associated Diamond Drillers.....

Collar R.L..... 2078.28
 Bearing of Hole..... North
 Angle of Hole..... -45°..... AX
 Final Depth..... 299'..... Core Size AMS

Ex. 62417 (D)

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS				BEDDING		Core Recovered	DESCRIPTION	SAMPLE DATA	Sample No.	ASSAY
From	To	Depth	Length	True Width	Angle To Core Axis	Angle To Core Axis						
0	25.0		25.0				7.5	Tuff-mudstone. Highly fractured. Oxidised on fractures.				
25.0	27.5		2.5					Mudstones. Oxidised and decomposed in part.				
27.5	27.7		0.2				0.2	Shale silicified with sulphide specs.	27.5-27.7	9-01	0.003	
27.7	30.0		2.3					No core.	27.7-30.0	L/C.		
30.0	30.9		0.9				0.9	Mudstone - tuff. Highly fractured. Slight oxidation on fractures.				
30.9	31.1		0.2				0.2	Shale silicified with sulphide specs	30.9-31.1	9-2	0.001	
31.1	96.0		64.9				20.0	Tuff-mudstone. Highly fractured. Slight oxidation on fractures.				
96.0	100.0		4.0				1.5	Mudstone. Highly fractured with green amphibole on fractures. Light oxidation in parts.				
100.0	111.0		11.0				7.0	Tuff - mudstone. Highly fractured, Slight oxidation on fractures.				
111.0	118.0		7.0				1.5	Mudstone. Highly fractured. Crush zone.				

Hole No. Nine (9)

FOOTAGE: From 118.0 To 175.0

Ex. 62417 (D)

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS				BEDDING		Core Recovered	DESCRIPTION	SAMPLE DATA		ASSAY
From	To	Depth	Length	True Width	Angle To Core Axis	Angle To Core Axis	Sample No.					
118.0	137.0		19.0				4.0	Mudstone - tuff. Highly fractured. Oxidised along fractures.				
137.0	155.3		18.3				10.0	Mudstone. Highly fractured. Trace sulphides, amphibole along fractures.	137.0-140.9	9-3	0.001	
									140.0-140.5	9-4	0.001	
									140.5-145.0	L/C		
									145.0-145.5	9-5	No	
									145.5-150.0	L/C		
									150.0-153.0	9-6	0.0005	
									153.0-155.3	9-7	0.004	
155.3	159.5		4.2				4.2	Shales with 'interbedded' calcite, ^{amphibole} actinolite, quartz and altered shale layers. Trace sulphides. Light fractures.	155.3-158.3	9-8	0.007	
									158.3-159.5	9-9	0.12	
159.5	165.5		6.0				6.0	Very highly altered shale. Banded magnetite. Minor calcite, amphibole. Trace sulphides.	159.5-162.5	9-10	0.011	
									162.5-165.5	9-11	0.68	
165.5	171.0		5.5				5.5	Granitic type rock. Medium grained. Amphibole and quartz, and altered sediment abundant. Rock shows lineation. Sulphides slight - light.	165.5-168.5	9-12	0.435	
									168.5-171.0	9-13	10.3	
171.0	175.0		4.0				3.5	Shale, banded magnetite, amphibole and calcite. Some shale highly altered. Trace sulphides on fractures.	171.0-173.0	9-14	5.65	
									173.0-175.0	9-15	0.62	

Hole No. Nine (9)FOOTAGE: From 175.0 To 248.0

Ex. 62417 (D)

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS				BEDDING		Core Recovered	DESCRIPTION	SAMPLE DATA		ASSAY
From	To	Depth	Length	True Width	Angle To Core Axis	Angle To Core Axis	Sample No.					
175.0	195.0		20.0				20.0	Granitic type rock lineated and highly altered shale. Light sulphides, occasional fractures filled with calcite, quartz, sulphide. Large calcite filled fracture 1" wide at 181'. Minor magnetite 192.5 - 195.0	175.0-178.0	9-16	0.13	
									178.0-181.0	9-17	0.07	
									181.0-184.0	9-18	0.57	
									184.0-187.0	9-19	0.50	
									187.0-190.0	9-20	1.50	
									190.0-193.0	9-21	1.09	
									193.0-195.0	9-22	2.95	
195.0	202.0		7.0				7.0	Banded magnetite, black micaceous altered shale, and granitic type rock (minor). Slight - light sulphides.	195.0-198.0	9-23	0.665	
									198.0-200.0	9-24	0.042	
									200.0-202.0	9-25	0.015	
202.0	205.0		3.0				3.0	Banded shale, granitic type rock. Slight sulphides.	202.0-295.0	9-26	0.048	
205.0	219.0		14.0				14.0	Banded magnetite, granitic type rock and highly altered shale. Slight sulphides.	205.0-208.0	9-27	0.054	
									108.0-211.0	9-28	0.064	
									211.0-213.0	9-29	0.041	
									213.0-216.0	9-30	0.034	
									216.0-219.0	9-31	0.185	
219.0	248.0		29.0				29.0	Banded magnetite. Minor black micaceous and siliceous altered shale. Slight - light sulphides. Minor granitic type rock replacing shale between 266.6 and 233 feet.	219.0-222.0	9-32	0.054	
									222.0-225.0	9-33	0.043	
									225.0-228.0	9-34	0.025	
									228.0-231.0	9-35	0.025	
									231.0-234.0	9-36	0.037	
									234.0-237.0	9-37	0.020	
									237.0-240.0	9-38	0.028	
									240.0-243.0	9-39	0.022	
									243.0-246.0	9-40	0.064	
									246.0-248.0	9-41	0.094	

Hole No. Nine (9)FOOTAGE: From 248.0 To 268.5

Ex. 62417 (D)

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS				BEDDING		Core Recovered	DESCRIPTION	SAMPLE DATA		ASSAY
From	To	Depth	Length	True Width	Angle To Core Axis	Angle To Core Axis				Sample No.		
248.0	250.2		2.2				2.2	Siliceous shale. Lightly fractured. Very slight sulphides.	248.0-250.2	9-42	0.094	
250.2	250.5		0.3				0.3	Amphibole. Medium sulphide.	250.2-250.5	9-43	0.175	
250.5	251.1		0.6				0.6	Siliceous shale. Trace sulphide.	250.5-251.1	9-44	0.015	
251.1	251.4		0.3				0.3	Amphibole. Medium sulphide.	251.1-251.4	9-45	0.32	
251.4	252.5		1.1				1.1	Siliceous shale. Slight sulphide. Calcite filled fracture 252.5 ft.	251.4-252.5	9-46	0.012	
252.5	258.0		5.5				5.5	Amphibole. Minor siliceous shale. Light - med. sulphides.	252.5-255.0 255.0-258.0	9-47 9-48	0.315 0.195	
258.0	260.0		2.0				2.0	Siliceous shale, tuff. Trace sulphides on occasional light fractures.	258.0-260.0	9-49	0.027	
260.0	261.0		1.0				1.0	Amphibole, siliceous shale. Light sulphide.	260.0-261.0	9-50	0.215	
261.0	262.4		1.4				1.4	Siliceous shale, amphibole. Very slight sulphide.	261.0-262.4	9-51	0.17	
262.4	265.5		3.1				3.1	Siliceous green shale, amphibole crystals. Medium - heavy sulphide.	262.4-265.5	9-52	0.46	
265.5	267.5		2.0				2.0	Siliceous shale, amphibole. Slight sulphides.	265.5-267.5	9-53	0.38	
267.5	268.5		1.0				1.0	Speckled amphibole, siliceous shale. Light - medium sulphide.	267.5-268.5	9-54	0.185	

Hole No. Nine (9)

FOOTAGE: From 268.5 To 273.3

Ex. 62417 (D)

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS				BEDDING	Core Recovered	DESCRIPTION	SAMPLE DATA	Sample No.	ASSAY
From	To	Depth	Length	True Width	Angle To Core Axis	Angle To Core Axis					
268.5	271.0		2.5				2.5 Black highly altered and siliceous shale, amphibole. Slight sulphides.	268.5-271.0	9-55	0.44	
271.0	273.3		2.3				2.3 Siliceous shale, black highly altered shale, and minor amphibole. Medium sulphides. Highly contorted pyrrhotite and shale bands 272.2 - 273.3 ft. Trace chalcopyrite. 1/4 inch wide Quartz and calcite vein at 273.3 ft.	271.0-273.3	9-56	0.12	
							<i>Hole continuing.</i>				
							FINAL DEPTH 299'				
								273.3 - 276.3	9-57	Tr.	
								276.3 - 279.3	9-58	Tr.	
								279.3 - 282.3	9-59	Tr.	
								282.3 - 285.3	9-60	Tr.	
								285.3 - 288.3	9-61	Tr.	
								293.0 - 296.0	9-62	Tr.	