JWS 441467

THE MOUNT LYELL MINING AND RAILWAY COMPANY
LIMITED

Form 211

Page S3

DIAMOND DRILL RECORD

Hole Number	TEST HOLE S3
Location	PROPOSED SMELTER SITE
Level	670'
Co-ordinates	6416·39 S. 6080·82 W.
Collar R.L.	669·19'
Length	73'

Purpose: To test nature of the foundations beneath the proposed new smelter site.

Survey Depth	Collar																
Bearing	–																
Inclination	-90°																

Rod Size:
0 – 27' No 4 Casing.
27 – 29' NxSH.
29 – 73' Nx

Machine	F49 J
Logged by	K.O. Reid
30' Plans	
30' Sections	
100' Plans	
100' Sections	

Comments

Commenced	14·11·1967
Completed	21·11·1967

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HOLE NUMBER
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FOOTAGE From	FOOTAGE To	RECOVERY Ft.	RECOVERY %	DESCRIPTION	ASSAYS From	ASSAYS To	ASSAYS Ft.	ASSAYS % Cu.	ASSAYS % FeS_2	ASSAYS Oz. Au.	ASSAYS Oz. Ag.	Sample Number	BULK ASSAYS From	BULK ASSAYS To	BULK ASSAYS Ft.	BULK ASSAYS % Cu.	BULK ASSAYS % FeS_2	BULK ASSAYS Oz. Au.	BULK ASSAYS Oz. Ag.	REMARKS
0	24'10"			(0 - 29'10")																
	31' 3"	2'9"	100	Ash fill.																
	35'7"																			
	42'3"	2'2"	100	(29'10" - 32'3")																
	44'6"	0	0	Buff coloured clay.																
	46'5"	1'	100																	
	47'7"			(32'3" - 35'7")																
	51'5"	2'7"	100	No core. (32'3" - 34'4" core extracted for testing).																
	53'	1'4"	86																	
	53'5"																			
	55'7"	2	100	(35'7" - 42'3") Orange brown, extensively weathered, medium grained quartz sericite schist.																Core very badly broken 35'7"-42'3"
				(42'3" - 44'6") No core. (42'3" - 43'9" core extracted for testing).																
				(44'6" - 46'5") Fawn-buff coloured, badly weathered, fine grained sericite schist.																
				(46'5" - 47'7") No core. (47 - 47'7" core extracted for testing).																
				(47'7" - 51'5") Fawn coloured, fine medium grained sericite schist - extensively weathered. S/CA - 45° even at approx. 48'																Core badly broken 47'7" - 51'5"
				(51'5" - 53') Light brown clay containing fragments of light grey sericite schist.																
55'7"	66'9"	0		(53' - 53'5") No core																
	65'7"	10"	100%																	
	66'7"	1"	50°																	
	67'5"	1'		(53'5" - 55'7") Light grey, puggy clay.																Appears to be related to light grey sericite schist.
	68"	7"																		
	73.	1'11"		(55'7" - 56'7") No core (core extracted for testing)																
				(56'7" - 60'7") No core																
				(60'7"-61'7") No core (core extracted for testing)																

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FOOTAGE From	FOOTAGE To	RECOVERY Ft.	RECOVERY %	DESCRIPTION	ASSAYS From	ASSAYS To	ASSAYS Ft.	ASSAYS % Cu.	ASSAYS % FeS_2	ASSAYS Oz. Au.	ASSAYS Oz. Ag.	Sample Number	BULK ASSAYS From	BULK ASSAYS To	BULK ASSAYS Ft.	BULK ASSAYS % Cu.	BULK ASSAYS % FeS_2	BULK ASSAYS Oz. Au.	BULK ASSAYS Oz. Ag.	REMARKS
				(61'7" - 73') Dark grey, firm pug locally sandy at 60' - typical of the pugs related to the Gordon Limestone. No core 61'7" - 64'9" 65'7" - 66'7" (core extracted for testing) 67'5" - 68' " " " " - 69'6" " " " " END OF HOLE																