54488

DEPARTMENT OF MINES — TASMANIA

DIAMOND DRILL CORE RECORD

846 Ø24

Hole No. 4

Drilled by A Death

Core Recovery 75%

Geological Logging by— I. Jennings

Area of Operation Launceston

Location of Site Cosgrove Park

Date Commenced 5/2/63

Date Completed 20/2/63

Reduced Level of Site

Bearing of Hole

Dip of Hole Vertical

Bore Depth 100'

41 266

Reg No 2217

AMG Co-ords: 512500E 5410000N. No Orehold.

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS			
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	
	0	3'	1'8"	0'	13'2	Mottled red, brown and grey clays ~~with limonite seams and nodules~~ sheared and some clay pellet ~~conglomerates at bottom~~						
	3'	3'10	full core									
	3'10"	5'	11"									
	5'	5'10"	8"									
	5'10"	7'2"	1'7"	13'2	14'8"	4" limonitic sandstone, dips ~~approx 12°~~ relative to core						
	7'2"	9'	1'8"									
	~~9'~~	~~19'2"~~	~~11"~~	~~14'8~~	~~19'~~	~~White/buff clays and fine friable~~ greywacke						
	10'2	11'9	1'3"									
	11'9	13'2	1'1"	19'	19'7	Medium grain greywacke						
	13'2	14'8"	4"	19'7	23'4"	Soft and friable pink/buff greywacke						
	~~14'8"~~	~~17'6"~~	~~9"~~									
	~~17'6"~~	~~18'2"~~	~~1'5"~~	~~23'4~~	~~24'~~	~~Yellow/buff silty clays with~~ gliding surfaces						
	18'2"	19'7(?)	1'5"									
	19'7	22'1"	full	core	24'	25'	pink and buff fine grained greywacke						
	~~22'1~~	~~27'~~	~~4'10"~~									
	~~27'~~	~~32'~~	~~3'6"~~	25'	28'6"	Buff silty clays with old gliding planes						
	32'	37'	3'									
	37'	40'11	full core		28'6	40'	soft, friable and ~~saturation~~ greywacke becoming firmer at depth, clayey from 32'6 to 33'					
	~~40'11~~	~~43'11~~	~~2'3"~~									
	43'11	48'9	3'11"									
	48'9	51'3	1'	40'	40'11"	Yellow/buff greywacke, fine grained and clayey, dips about 10° relative to core						
	51'3	56'6	No core									
	56'6"	60'1"	full core									
	60'1"	62'6"	1'8"	40'11"	43'11	fine grained clayey greywacke with limonite bands at 40'11"						
	62'6	64'4"	1'10"									
	64'4"	68'	3'6"			41'3 and 42' to 42'6"						
	68'	68'6"	4"	43'11	51'3	Yellow/buff and red medium grained greywacke						
	68'6	73'6"	3'5"									
	73'6"	78'4"	4'2"									
	78'4"	83'	4'4"	51'3	56'6	No core						
	83'	87'	No core	56'6	58'7	fine grained clayey, greywacke, soft and plastic						
	87'	96'	6'2"									
	96'	100'	4'5"	58'7	60'1	fine to medium grained yellow/brown ~~soft greywacke~~						

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DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS			
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To	
				60'1	62'	Waterlogged slurry, probably fine grained greywacke						
				62'	62'6	firmer, fine grained yellow/brown greywacke						
				62'6	67'	fine grained clayey greywacke						
				67'	68'	Brown clay with limonite bands						
				68'	68'10	brown clay and greywacke with limonite seams						
				68'10"	78'4	grey and brown clays - limonite seam at 70'5"						
				78'4	79'6	Oxidized Zone - brown clay with limonite seams						
				79'6	83'	firm clays (buff and grey)						
				83'	87'	No core - driller reports ~~same~~ Sand.						
				87'	96	Buff - grey clays oxidized between ~~89'8 and 90' elsewhere fairly firm.~~						
				96'	100'	Yellow and grey silty clays with limonite nodules.						