

**DEPARTMENT OF MINES, TASMANIA—DRILLING RECORD.**

642

Locality: DISTRICT OF LATROBE

Drill: LONGYEAR JUNIOR STRAIGHTLINE DIAMOND DRILL

Bore No.: 2 Commenced: 9.5.58

Completed: 2.6.58

Location of Bore: GOLIATH CEMENT CO. RAILTON.

Ref No: 1807

Co-ordinates of Collar: General AMG Grids: 451100E 5423600N

R.L. of Collar: .....

Bearing: .....

Inclination: VERTICAL

Final Depth: 202

30 348

0446

**BORE LOG**

Date	Footage	Total Depth	BORE LOG					Details of Ore Intersection
			From	To	Core	Thickness	Particulars of Core	
			0	16'	—	16'	No Core	
			16'	21'	2'	5'	Sandy Clay	
May 9	20'	20'	21'	61'	7' 6"	40'	Buff coloured sandy material - may be highly bedded 45°.	
" 12	20'	40'	61'	69'	7'	8'	L.C.L. good jointing - receipt. Bdy 85°	
" 13	18'	58'	69'	72'	3'	3'	50% wet buff sandy clay - clay shows polishing	
" 14	18'	76'	72'	81'	6' 6"	9'	marked shearing, well jointed, slight receipt	
" 15	10'	86'	81'	89'	8'	8'	highly sheared - fractured & black stylolitic bands	
" 16	16'	102'	89'	94' 6"	4'	4' 6"	shearing effects 86' - 89' 6" major of buff sandy clay	
" 21	10'	112'	94' 6"	96'	1' 6"	1' 6"	clean sheared ways with receipt. Bdy 85°	
" 22	20'	132'	96'	105'	8' 9"	9'	do leading 90' - 93' Bdy 85°	
" 23	20'	152'	105'	110'	4' 6"	5'	do 95' 6" Bdy 85°	
" 26			110'	112' 6"	2' 6"	2' 6"	L.C.L. highly sheared - fractured - no receipt. little leading	l/s starts at 96'
" 27	6'	158'	112' 6"	119'	4' 8"	6' 6"	do let slight receipt. Bdy 85°	
" 28	10'	168'	119'	125' 6"	5' 2"	6' 6"	L.C.L. Calcite veins, yellow clay jointing 20°	
" 29	10'	178'	125' 6"	131'	3' 11"	5' 6"	do fractured - receipt - fossils	
" 30	12'	190'	131'	135'	2'	4'	Strong vert. joints weathered to day - polished faces	
June 2	12'	202'	135'	138'	2' 10"	3'	Order 45, clay filled joints with striations transverse to core Bdy 90°	
			138'	144'	5' 10"	6'	solid blue grey 45 - fossils - coral remains	
			144'	148'	2' 7"	4'	45 to 138, clay 3', dark grey 45 to 142' 10" & flat joints	
			148'	151'	2'	3'	major & calcite veins, 143-44 45 sheared, no carb.	
			151'	154' 6"	2' 8"	3' 6"	3" solid 45, thin bedded & sand 16", fault zone of calcite veins	
			154' 6"	158'	2'	3' 6"	Smy 45 & 20? clay thin's dark clay	
			158'	164'	1' 8"	2'	30? clay rounded grey 45, fossiliferous, polished faces, clay	
			164'	166'	1' 11"	3'	yellow clay matrix & abundant fine aggl. pebbles & lentils, may be	
			166'	169'	3' 4"	3'	L.C.L. with clay veins fault of 10' with opening	
			169'	172'	3' 4"	3'	sandy clay 45 brown in sandy clay matrix	
			172'	177' 6"	5' 6"	5' 6"	50? yellow clay & polished faces brown	
			177' 6"	185'	4' 11"	6' 6"	fault 20' yellow clay thin L.C.L. 5' 50? clay, slippery face	
			185'	187' 6"	1' 4"	2' 6"	Solid L.C.L. except one 1/2 joint, vert. along around. Bdy 90°	
			187' 6"	190'	2' 6"	2' 6"	5" clay at 183' clay filled joint	
			190'	196'	5' 3"	6'	6" clay - 186'	
			196'				L.C.L. Stylolitic 3' sandy clay at 188'	
							crossbedded clay filled joint	