

TR 11-105-106

RESULTS OF DRILLING FOR WATER, 1966

COMPILED BY M. J. LONGMAN & W. L. MATTHEWS

T.D.S.—Total Dissolved Solids determined with a Conductivity Meter.

Bore No.	Date Completed	Name and Locality	Quad-range	Photo Run and No.	Co-ordinates	Water Level	Total Depth	Output	Altitude	T.D.S.	Rock Types	Remarks
						ft.	ft.		Gal./Hr.			
154	22/8/66	R. H. Walmsley, Cuprona	Burnie	R3/31545	396850E 924950N	22	95	250	625	90	0-10' soil and clay, 10'-40' multicolour clay, 40'-45' decomposed basalt, 45'-85' multicolour clay, 85'-95' limonite nodules in clay	
155	24/8/66	R. H. Walmsley, Cuprona	Burnie	R3/31545	396900E 925300N	37.5	80	250	655	40	0-8' brown clay, 8'-20' gravel and clay, 20'-50' yellow clay, 50'-70' white clay and gravel, 70'-80' white mudstone	
156	26/8/66	A. & B. Heineke, Cuprona	Burnie	R3/31545	397000E 925800N	50?	100	250	625	320	0-20' brown clay, 20'-70' multicolour clay, 70'-90' gravel and clay, 90'-100' white mudstone	
157	30/8/66	D. Beattie, Cuprona	Burnie	R3/31545	398400E 943950N	35	73	250	540	105	0-12' soil and brown clay, 12'-35' multicolour clay, 35'-60' decomposed mudstone, 60'-73' mudstone and clay	
158	5/9/66	J. C. Barker, South Riana	Valentines Peak	R5/31583	395950E 920050N	9	65	300	1300	45	0-12' soil and clay, 12'-30' clay and gravel, 30'-35' white mudstone, 35'-50' decomposed basalt, 50'-65' gravel	
159	6/9/66	A. Smith, South Riana	Burnie	R5/31583	396950E 921000N	13	85	5000	1265	40	0-8' soil and clay, 8'-50' clay with laterite nodules, 50'-65' clay, sand and gravel, 65'-85' gravel	
160	8/9/66	M. Fielding, South Riana	Valentines Peak	R5/31583	398900E 919600N	4.5	51	250	1150	90	0-5' clay, 5'-45' clay and gravel, 45'-48' basalt boulders, 48'-51' granite	
161	8/9/66	R. Fielding, South Riana	Valentines Peak	R5/31583	399800E 919000N	18	20	..	1025	..	0-20' basalt	Abandoned, casing jammed
162	9/9/66	R. Fielding, South Riana	Valentines Peak	R5/31583	399800E 919000N	18	25	..	1025	..	0-25' basalt	Abandoned, casing shoe broken
163	15/9/66	R. Fielding, South Riana	Valentines Peak	R5/31583	399800E 919000N	12	37	200	1025	75	0-4' clay, 4'-12' weathered basalt, 12'-35' gravel, 35'-37' granite	

UNDERGROUND WATER.

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RESULTS OF DRILLING FOR WATER, 1966—continued

T.D.S.—Total Dissolved Solids determined with a Conductivity Meter.

Bore No.	Date Completed	Name and Locality	Quad-range	Photo Run and No.	Co-ordinates	Water Level	Total Depth	Output	Altitude	T.D.S.	Rock Types	Remarks
						ft.	ft.	Gal./Hr.	ft. a.s.l.			
164	21/9/66	E. Masters, South Riana	Valentines Peak	R5/31583	399700E 918900N	5	45	500+	1050	65	0-5' clay, 5'-43' clay and gravel, 43'-45' coarse gravel	
165	27/9/66	L. Challis, Riana	Burnie	R4/31439	398400E 933450N	13	62	500+	950	60	0-4' clay, 4'-30' gravel and clay, 30'-62' clay and gravel (well rounded)	
166	29/9/66	N. Gillard, South Riana	Valentines Peak	R5/31583	398500E 918500N	9	60	250	1050	40	0-12' soil and clay with some boulders, 12'-60' clay and gravel	
167	6/10/66	N. Gillard, Pine Road	Burnie	R3/31546	401500E 931150N	35	99	250	660	45	0-10' soil, clay and gravel, 10'-40' basalt, 40'-80' clay and gravel, 80'-98' basalt and conglomerate boulders, 98'-99' siliceous conglomerate	
168	17/10/66	D. Oliver, South Riana	Valentines Peak	R5/31583	397100E 920100N	8	55	500+	1280	50	0-5' soil and clay, 5'-40' weathered basalt and clay, 40'-55' basalt boulders, sand and gravel	
169	19/10/66	D. Badcock, Yolla	Burnie	R4/31429	371150E 931200N	21	58	500	1175	50	0-8' soil and boulders, 8'-40' sandy clay, 40'-42' basalt, 42'-56' gravel and clay, 56'-58' basalt	
170	26/10/66	M. G. Kay, Alcomie	Smithton	R3/30865	306500E 975000N	18	104	?	750	..	0-8' soil and clay, 8'-22' clay and ironstone gravel, 22'-25' sandy clay and gravel, 25'-90' multi-coloured clay, 90'-100' clay and ironstone gravel, 100'-104' basalt boulders	Abandoned, drill bit lost
171	7/12/66	M. G. Kay, Alcomie	Smithton	R3/30865	306500E 975000N	23	156	120-150	750	110	0-6' soil and clay, 6'-12' blue sandy clay, 12'-24' clay and boulders, 24'-76' clay, 76'-78' basalt, 78'-88' clay, 88'-104' sandy clay and gravel, 104'-116' hard clay, 116'-137' clay, 137'-146' clay and gravel, 146'-156' basalt	
1	13/12/66	A. E. Nicol, Montagu	Woolnorth	R1/46131	324800E 957400N	4	34	250-300	15	1050	0-15' sand and shell deposits, 15'-17' mauve clay and pebbles, 17'-34' clay, sand with few red pebbles	Top water odorous, cased off; hole abandoned, casing bent
2	22/12/66	A. E. Nicol, Montagu	Woolnorth	R1/46131	324800E 957400N	30, 50	56	550-600	15	..	0-26' sand, shells and clay, 26'-39' clay and mudstone, 39'-50' clay, shells, some wood fragments, 50'-56' sand, clay, hard brown sandstone	