

TR9-127-129

## RESULTS OF DRILLING FOR WATER IN SOUTHERN TASMANIA

Compiled by M. J. Longman.

T.D.S.—Total Dissolved Solids determined with a conductivity meter.

Bore No.	Date Completed	Owner and Locality	Quadrangle	Photo Run and No.	Co-ords.	Water Level	Total Depth	Output	Altitude	T.D.S.	Rock Types	Remarks
						ft.	ft.	Gal./Hr.	ft.	p.p.m.		
1	24.1.64	N. Lucas, Mt. Pleasant, Kingston	Hobart	R10/12559	709500N 514000E	125	150	250	460	..	70'-150' sandstone with shale bands	Deepening existing bore
2	30.1.64	T. Pearsall, Kingston	Hobart	R10/12557	707800N 515000E	20	80	300	175	1,050	0-15' sand and clay, 15'-80' clay and mudstone	
*3	4.2.64	H. Thomson, Beach Road, Margate	K'borough	R2/1441	702800N 513000E	25	98	300	50	880	0-45' clay, 45'-55' clay and ironstone gravel, 55'-98' mudstone	
4	17.2.64	J. Krause, Electrona	K'borough	R3/1511	698000N 510800E	40	78	250	175	1,000	0-20' clay and gravel, 20'-46' fossiliferous mudstone, 46'-78' limestone	
5	21.2.64	K. & M. Young, Dennes Pt., Bruny Island	K'borough	R4/8971	697000N 520500E	65	76	..	80	..	0-18' sand, clay and mudstone, 18'-76' sandstone and mudstone	Salt water
6	3.3.64	B. Longley, Dennes Point, Bruny Island	K'borough	R4/8971	696400N 520000E	60	100	..	100	..	0-60' clay and sandstone, 60'-70' clay and gravel, 70'-90' mudstone, very hard, not porous	Little water, salty
7	4.4.64	Gorringe Bros., Barnes Bay, Bruny Island	K'borough	R6/1954	693000N 522000E	..	87	..	120	..	0-15' clay and dolerite boulders, 15'-60' brown mudstone, 60'-85' green mudstone, 85'-87' dolerite	Dry hole
8	10.4.64	Gorringe Bros., Barnes Bay, Bruny Island	K'borough	R7/1964	689000N 520700E	65 138	145	200	100	2,400	0-10' sand and clay, 10'-90' clay, sandstone and shale, 90'-100' mudstone, 100'-145' hard flinty mudstone	
9	29.4.64	E. H. Rowe, Cradoc	K'borough	R5/9007	694600N 491200E	..	115	..	75	..	0-20' sand and gravel, 20'-70' clay and mudstone, 70'-115' harder mudstone	Dry hole
10	12.5.64	F. A. Beechy, Cradoc	K'borough	R6/1924	694000N 493000E	..	135	..	145	..	0-6' clay, 6'-9' boulders, 9'-135' mudstone	Dry hole
11	19.5.64	K. Bennett, Cradoc	K'borough	R5/9007	694200N 492700E	16	67	300	165	400	0-16' clay, 16'-40' gravel, clay and sandstone, 40'-67' mudstone	

UNDERGROUND WATER.

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Bore No.	Date Completed	Owner and Locality	Quadrangle	Photo Run and No.	Co-ords.	Water Level	Total Depth	Output	Altitude	T.D.S.	Rock Types	Remarks
						ft.	ft.	Gal./Hr.	ft.	p.p.m.		
12	21.5.64	K. Bennett & S. Fletcher, Cradoc	K'borough	R5/9007	694000N 491600E	12	45	200	110	240	0-12' clay, 12'-45' hard mudstone	
13	6.6.64	H. Duggan & Sons, Cradoc	K'borough	R6/1925	691700N 492200E	15	60	250	375	420	0-25' clay, shale and mudstone, 25'-50' grey mudstone, 50'-60' harder mudstone	Artesian
14	8.7.64	T. Beechy, Cradoc	K'borough	R6/1924	692000N 492000E	15	50	300	110	580	0-20' clay and shale, 20'-50' grey mudstone	
15	15.7.64	G. Harrison, Cradoc	K'borough	R6/1924	693000N 491200E	12	60	300	60	..	0-12' sand, clay and gravel, 12'-90' mudstone	
16	21.7.64	K. Woolley, Cradoc	K'borough	R5/1924	693100N 491000E	12	60	250	30	1,040	0-23' soil, clay, sand and gravel, 23'-60' mudstone	
17	28.7.64	R. Duggan, Lymington	K'borough	R10/2089	681500N 495600E	20	78	250	20	2,000	0-58' clay and soft sandstone, 58'-64' gravel and sand, 64'-76' hard sandstone, 76'-78' mudstone	
18	31.7.64	C. & M. Edwards, Cradoc	K'borough	R6/1923	691500N 490000E	..	64	..	120	..	0-10' sand, 10'-25' clay, 25'-64' fossiliferous mudstone, 64' dolerite	Dry hole
19	4.8.64	S. Fitzpatrick, Cygnet	K'borough	R8/2014	687200N 495000E	28	70	250	80	700	0-45' clay, sand and cemented gravel, 45'-70' mudstone	Deepening existing bore
20	10.8.64	A. McMullen, Glaziers Bay	K'borough	R7/1993	689500N 489500E	..	75	350	350	..	63'-75' white mudstone	
21	14.8.64	M. Lawler, Cygnet	K'borough	R8/2013	686600N 494200E	12	57	300	240	840	0-12' sand and clay, 12'-57' mudstone	
22	20.8.64	V. Brown, Cradoc	K'borough	R5/9007	693600N 492800E	..	66	..	150	..	0-18' clay and gravel, 18'-66' hard mudstone	Dry hole
23	18.11.64	L. Duggan, Cradoc	K'borough	R5/9007	695800N 491000E	6	42	..	5	..	0-20' gravel, 20'-42' sand, 42' dolerite	Dry hole
24	20.11.64	M. & G. Harris, Grove	Hobart	R10/12575	707500N 497500E	36	75	200	200	300	0-6' clay and sand, 6'-36' yellow sandstone, 36'-56' sandstone and mudstone, 56'-75' mudstone	
25	30.11.64	G. Griggs, Cradoc	K'borough	R5/9007	694300N 491800E	10	40	500	110	840	0-10' clay, 10'-12' sand and gravel, 12'-15' white mudstone, 15'-35' grey mudstone, 35'-40' black mudstone	
26	10.12.64	G. Roberts, Cradoc Hill	K'borough	R5/9006	694200N 494500E	20	75	250	470	960	0-10' clay, 10'-20' soft sandstone, 20'-25' mudstone, 25'-33' sandstone and gravel, 33'-75' grey mudstone	
*27	6.11.64	St. Johns Park, Carlton	Sorell	R5/6048	722500N 545700E	35	134	250	90	1,200	0-20' sand, 20'-35' clay and soft sandstone, 35'-134' sandstone and shale	
28	12.11.64	T. Jacobson, Copping	Sorell	R4/3255	726500N 561500E	38	128	250	520	2,000	0-10' clay, 10'-65' clay and sandstone, 65'-115' grey mudstone, 115'-128' yellow sandstone	

**\*WATER ANALYSES**  
COMPOSITION (parts/million)

<i>Name</i>				<i>Total Dissolved Solids</i>	<i>Iron Oxide and Alumina</i>	<i>Calcium</i>	<i>Magnesium</i>	<i>Sodium</i>	<i>Chlorine</i>	<i>Sulphate</i>	<i>Carbonate</i>	<i>Silica</i>
H. M. Thomson, Margate	..	..	..	1,414	0.8	15.1	56.4	386.0	731.0	44.6	19.0	60.8
St. Johns Park, Carlton	..	..	..	1,570	6.0	9.3	59.0	451.0	796.0	59.6	37.7	50.0