

TR5-227-230

## RESULTS OF DRILLING FOR UNDERGROUND WATER ON THE EAST COAST

by W. L. Matthews.

| No. | Date Completed | Owner and Locality             | Quadrangle | Photo No. and Run | Water Level | Total Depth | Output Gals./Hr. | Altitude | Rock Types                                                                                                                                                                        | Remarks            |
|-----|----------------|--------------------------------|------------|-------------------|-------------|-------------|------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 1   | 27.11.56       | S. R. Adams, Spring Bay        | Buckland   | R2/10506          | 43'         | 88'         | 200              | 60'      | 0-12' soil and broken rock, 12'-88' sandstone                                                                                                                                     |                    |
| 2   | 7.12.56        | A. R. Cummings, Spring Bay     | Buckland   | R2/10506          | 64'         | 80'         | 150-200          | 50'      | 0-3' soil, 3'-80' sandstone                                                                                                                                                       |                    |
| 3   | 14.12.56       | H. Jones & Co., Spring Bay     | Swanston   | R11/29700         | 45'         | 95'         | 40-60            | 150'     | 0-5' soil, clay and boulders, 5'-47' sandstone, 47'-49' carbonaceous shale, 49'-73' shale, 73'-76' carbonaceous shale, 76'-95' decomposed sandstone                               | Unrigged           |
| 4   | 11.2.57        | H. Jones & Co., Spring Bay     | Swanston   | R11/29700         | ..          | 130'        | ..               | 100'     | 0-42' sandstone, 42'-47' coaly matter, 47'-72' shale, 72'-85' sandstone, 85'-99' shale, 99'-113' carbonaceous shale, 113'-128' sandstone, 128'-130' coal?                         |                    |
| 5   | 8.3.57         | H. Jones & Co., Spring Bay     | Swanston   | R11/29700         | ..          | 64'         | ..               | 130'     | 0-2' soil, 2'-34' clay, 34'-64' shale                                                                                                                                             | Abandoned          |
| 6   | 22.3.57        | H. Jones & Co., Spring Bay     | Swanston   | R11/29700         | 65'         | 95'         | 200              | 130'     | 0-2' soil, 2'-15' yellow clay, 15'-24' clay and boulders, 24'-40' yellow shale, 40'-60' dark shale, 66'-95' sandstone                                                             | Unrigged           |
| 7   | 16.4.57        | H. Jones & Co., Spring Bay     | Swanston   | R11/29700         | 148'        | 175'        | 200              | 120'     | 0-2' soil, 2'-38' sandstone, 38'-59' sandy shale, 59'-60' coal?, 60'-64' grey shale, 64'-89' sandstone, 89'-130' shale, 130'-135' sandstone, 135'-158' shale, 158'-175' sandstone | Unrigged           |
| 8   | 9.5.57         | H. Jones & Co., Spring Bay     | Swanston   | R11/29700         | 55'         | 73'         | 200              | 120'     | 0-4' clay, 4'-37' sandstone, 37'-60' shale, 60'-73' sandstone                                                                                                                     | Unrigged           |
| 9   | 27.5.57        | J. Salmon, Spring Bay          | Buckland   | R1/10486          | 75'         | 95'         | 300              | 50'      | 0-15' dolerite?, 15'-74' clays, 74'-94' sandstone, 94'-95' sandy clays                                                                                                            | Unrigged           |
| 10  | 31.5.57        | J. Salmon, Spring Bay          | Buckland   | R2/10507          | 30'         | 50'         | 300              | 140'     | 0-2' sandy soil, 2'-7' shale, 7'-50' sandstone                                                                                                                                    |                    |
| 11  | 5.6.57         | H. E. Nicholls, Spring Bay     | Buckland   | R2/10506          | 16'         | 26½'        | 200              | 40'      | 0-26' sandstone, 26'-26½' sandy shale                                                                                                                                             |                    |
| 12  | 14.6.57        | B. E. Green, Spring Bay        | Buckland   | R2/10506          | 20'         | 30'         | 100              | 30'      | 0-10' sandy clay, 10'-30' sandstone                                                                                                                                               | Water 1½' from top |
| 13  | 21.6.57        | J. F. Ferguson, Grindstone Bay | Swanston   | R9/28463          | 20'         | 40'         | 300              | 70'      | 0-2' soil, 2'-39' 6" sandstone, 39' 6"-40' coal?                                                                                                                                  |                    |
| 14  | 25.6.57        | J. F. Ferguson, Grindstone Bay | Swanston   | R9/28464          | ..          | 28'         | ..               | 90'      | 0-10' sandy clay, 10'-28' dolerite                                                                                                                                                | Abandoned          |

# RESULTS OF DRILLING FOR UNDERGROUND WATER ON THE EAST COAST—continued.

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| No. | Date Completed | Owner and Locality               | Quadrangle | Photo No. and Run | Water Level | Total Depth | Output Gals./Hr. | Altitude | Rock Types                                                                                                                                                                                                                     | Remarks        |
|-----|----------------|----------------------------------|------------|-------------------|-------------|-------------|------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 15  | 5.7.57         | J. F. Ferguson, Grindstone Bay   | Swanston   | R9/28463          | 65'         | 83'         | 200              | 80'      | 0-4' soil and clay, 4'-32' sandstone, 32'-50' blue clay, 50'-52' sand, 52'-65' blue clay, 65'-81' sandstone, 81'-83' sand and clay                                                                                             | Brackish Water |
| 16  | 16.7.57        | J. F. Ferguson, Grindstone Bay   | Swanston   | R9/28462          | 15'         | 31'         | 300              | 30'      | 0-5' soil and clay, 5'-20' sand and clay, 20'-25' sand, clay and boulders, 25'-31' green sandstone                                                                                                                             | Brackish Water |
| 17  | 31.7.57        | J. F. Ferguson, Grindstone Bay   | Swanston   | R9/28462          | ..          | 26'         | ..               | 10'      | 0-2' 6" soil and clay, 2' 6"-26' dolerite                                                                                                                                                                                      | Abandoned      |
| 18  | 11.10.57       | J. F. Ferguson, Grindstone Bay   | Swanston   | R9/28462          | 15'         | 28'         | 200              | 10'      | 0-2' soil, 2'-4' sandy clay, 4'-28' dolerite boulders                                                                                                                                                                          |                |
| 19  | 19.10.57       | J. F. Ferguson, Plainplace Beach | Swanston   | R11/29706         | 42'         | 55'         | 100              | ..       | 0-1' soil, 1'-42' sandy clays, 42'-46' clay and rubble, 46'-55' clay                                                                                                                                                           | Unrigged       |
| 20  | 1.11.57        | J. F. Ferguson, Plainplace Beach | Swanston   | R11/29706         | 22'         | 30'         | 150              | ..       | 0-1' soil, 1'-21' sandstone and boulders, 21'-24' sand and rubble, 24'-30' sandy clays, chert and dolerite boulders                                                                                                            | Unrigged       |
| 21  | 6.11.57        | J. F. Ferguson, Grindstone Bay   | Swanston   | R9/28460          | 19'         | 19'         | 300              | 20'      | 0-10' sandstone and dolerite boulders, 10'-14' sandstone, 14'-19' sandstone                                                                                                                                                    | Unrigged       |
| 22  | 8.11.57        | J. F. Ferguson, Grindstone Bay   | Swanston   | R9/28460          | 20'         | 30'         | 100              | 40'      | 0-20' clays, shales, cherts, 20'-22' sandstone, 22'-30' clay and rubble                                                                                                                                                        | Unrigged       |
| 23  | 10.12.57       | Peacock, Vic., Grindstone Bay    | Swanston   | R8/28452          | 45', 130'   | 140'        | 60, 200          | 80'      | 0-10' sandy clays, 10'-13' sandstone, 13'-45' clay, 45'-51' sandstone, 51'-55' sandy clays, 55'-60' sandstone, 60'-80' clays, 80'-85' sandy clays, 85'-120' slate and dolerite boulders, 120'-130' shales, 130'-140' sandstone |                |
| 24  | 20.12.57       | Peacock, Vic., Grindstone Bay    | Swanston   | R8/28451          | 32'         | 60'         | 100              | 270'     | 0-1' clays, 1'-28' chert, 28'-30' sandy clay                                                                                                                                                                                   |                |
| 25  | 30.9.58        | Peacock, Vic., Grindstone Bay    | Swanston   | R8/28452          | 76'         | 88'         | 200              | 70'      | 0-1' 6" soil, 1' 6"-88' sandstone                                                                                                                                                                                              |                |
| 26  | 8.10.58        | Peacock, Vic., Grindstone Bay    | Swanston   | R8/28452          | 17'         | 80'         | 180              | 40'      | 0-3' soil, 3'-17' sand, granite, dolerite material, 17'-35' sandstone, 35'-41' clay, 41'-80' dark shales                                                                                                                       |                |

UNDERGROUND WATER.

|     |          |                                    |          |           |        |      |          |      |                                                                                                       |                |
|-----|----------|------------------------------------|----------|-----------|--------|------|----------|------|-------------------------------------------------------------------------------------------------------|----------------|
| 27  | 15.10.58 | Peacock, Vic., Grindstone Bay      | Swanston | R8/28452  | 56'    | 141' | 120      | 450' | 0-2' soil, 2'-6' clay, 6'-121' sandstone, 121'-141' shale, 141'-granite                               |                |
| 28  | 22.10.58 | G. R. Robinson, Triabunna          | Buckland | R2/10506  | 43'    | 63'  | 150      | 20'  | 0-10' soil and sandstone boulders, 10'-63' sandstone                                                  | Unrigged       |
| 29  | 29.10.58 | N. Swift, Double Creek             | Buckland | R2/10506  | 47'    | 62'  | 200      | 40'  | 0-57' sandstone, 57'-62' (dolerite?)                                                                  | Bore collapsed |
| 30  | 30.1.59  | W. A. Weeding, Triabunna           | Swanston | R12/21374 | ...    | 4'   | ...      | 40'  | 0-6' soil, 6'-4' dolerite                                                                             | Abandoned      |
| 31  | 3.2.59   | N. Swift, Double Creek             | Buckland | R2/10506  | 42-47' | 67'  | 240      | 40'  | 0-4' soil, 4'-30' sandstone, 30'-63' quartzite and sandstone, 63'-67' hard dark formation (dolerite?) |                |
| 31X | 14.2.59  | J. Salmon, "Woodstock"             | Buckland | R1/10486  | 92'    | 112' | 200      | 40'  | 0-2' soil, 2'-30' volcanic boulders and clay, 30'-92' shale, 92'-112' sandstone                       |                |
| 32  | 2.3.59   | M. Howell, Triabunna               | Buckland | R1/10487  | 125'   | 135' | 200      | 90'  | 0-3' soil, 3'-23' sandstone, 23'-98' bands of carbonaceous clay in sandstone                          | Now dry        |
| 33  | 25.3.59  | M. Cusack, Triabunna               | Buckland | R1/10487  | 145'   | 150' | 200      | 80'  | 0-20' soil and clay, 20'-120' bands of carbonaceous clay in sandstone                                 | Now dry        |
| 34  | 2.4.59   | Pryde, Orford                      | Buckland | R4/10555  | ...    | 18'  | ...      | ...  | 0-18' dolerite boulders                                                                               | Abandoned      |
| 34A | 7.4.59   | Pryde, Orford                      | Buckland | R4/10555  | 50'    | 62'  | 200 plus | 30'  | 0-28' dolerite boulders, 28'-62' sandstone                                                            |                |
| 35  | 18.4.59  | Golf Club, Orford                  | Buckland | R3/16329  | 88'    | 108' | 200      | 90'  | 0-5' soil, 5'-58' sandstone, 58'-83' shale, 83'-105' sandstone, 105'-108' shale                       |                |
| 36  | 22.4.59  | Thompson Bros., Spring Bay         | Buckland | R2/10506  | ...    | 28'  | ...      | 30'  | 0-10' soil and dolerite boulders, 10'-28' sandstone                                                   | Abandoned      |
| 36A | 9.6.59   | Thompson Bros., Spring Bay         | Buckland | R2/10506  | 132'   | 132' | 300      | 30'  | 0-10' soil and dolerite boulders, 10'-103' sandstone, 103'-132' quartzite                             |                |
| 37  | 2.7.59   | M. Crow, Spring Bay                | Buckland | R2/10506  | 44'    | 110' | 100      | 55'  | 0-20' clay and soil, 20'-63' sandstone, 63'-100' shale, 100'-110' sandstone                           |                |
| 38  | 7.10.59  | A. Thompson, Little Swanport       | Swanston | R3/28253  | ...    | 36'  | ...      | 30'  | 0-2' soil, 2'-14' weathered dolerite, 14'-28' sandstone, 28'-36' dolerite                             | Abandoned      |
| 39  | 9.10.59  | A. Thompson, Little Swanport       | Swanston | R3/28253  | ...    | 17'  | ...      | 70'  | 0-2' soil, 2'-17' sandstone with some clay (feldspathic sandstone)                                    | Abandoned      |
| 40  | 25.10.59 | A. Thompson, Little Swanport       | Swanston | R3/28253  | 70'    | 130' | 40       | 60'  | 0-5' soil, clay, pebbles, 5'-70' weathered dolerite, 70'-130' dolerite                                |                |
| 41  | 9.12.59  | T. S. Mitchelmore, Little Swanport | Swanston | R3/28251  | ...    | 122' | ...      | 70'  | 0-1' 6" soil, 1' 6"-11' clay and pebbles, 11'-133' clay                                               | Abandoned      |
| 41A | 11.11.59 | T. S. Mitchelmore, Little Swanport | Swanston | R3/28251  | ...    | 18'  | ...      | 80'  | 0-2' soil, 2'-18' clay with some sandstone                                                            |                |
| 41B | 15.12.59 | T. S. Mitchelmore, Little Swanport | Swanston | R3/28251  | ...    | 60'  | ...      | 50'  | 0-2' soil, 2'-60' clay                                                                                |                |

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|-----|----------------|------------------------------------|------------|-------------------|-------------|-------------|------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| 41C | 16.12.59       | T. S. Mitchelmore, Little Swanport | Swanston   | R3/28251          | ..          | 35'         | ..               | 40'      | 0-35' clay and sand                                                                                                                         |                           |
| 41D | 17.12.59       | T. S. Mitchelmore, Little Swanport | Swanston   | R3/28251          | 30'         | 60'         | light flow       | 70'      | 0-12' sandstone and rubble, 12'-60' clay                                                                                                    |                           |
| 42  | 21.1.60        | S. Madsen, Little Swanport         | Swanston   | R5/28351          | 50'         | 60'         | 400              | 20'      | 0-1' soil, 1'-17' clay, 17'-18' gravel, 18'-28' clay, 28'-60' slate and clay                                                                | Saline                    |
| 42A | 27.1.60        | S. Madsen, Little Swanport         | Swanston   | R5/28351          | ..          | 36'         | ...              | 60'      | 0-5' soil and clay, 5'-18' sandstone, 18'-36' dolerite                                                                                      | Abandoned                 |
| 42B | 5.2.60         | S. Madsen, Little Swanport         | Swanston   | R5/28351          | 18'         | 38'         | 20               | 50'      | 0-1' soil, 1'-15' weathered dolerite, 15'-38' dolerite                                                                                      |                           |
| 43  | 22.2.60        | R. C. Hammond, Triabunna           | Buckland   | R2/10506          | 40'         | 82'         | 100              | 60'      | 0-5' soil and clay, 5'-17' sandstone, 17'-19' shale, 19'-78' sandstone, 78'-82' 6" dolerite                                                 |                           |
| 44  | 2.3.60         | H. A. Nicholls, Triabunna          | Buckland   | R2/10506          | ..          | 93'         | ..               | 30'      | 0-93' sandstone                                                                                                                             | Abandoned                 |
| 44A | 22.3.60        | H. A. Nicholls, Triabunna          | Buckland   | R2/10506          | 30'         | 75'         | 120              | 30'      | 0-2' sand, 2'-7' clay, 7'-53' sandstone, 53'-75' sandstone with some clay                                                                   |                           |
| 45  | 31.3.60        | T. Norrish, Triabunna              | Buckland   | R2/10506          | 28'         | 54'         | 200              | 50'      | 0-2' sand and boulders, 2'-6' sand with some clay, 6'-54' sandstone                                                                         | Unrigged                  |
| 46  | 4.4.60         | C. Parsons, Orford                 | Buckland   | R4/10556          | 40'         | 46'         | 300              | 20'      | 0-3' sand, 3'-9' sand and clay, 9'-19' shale boulders, 19'-46' sandstone                                                                    | Artesian 3' surface above |
| 47  | 11.4.60        | J. Fergusson, Buckland             | Buckland   | R4/10556          | 70'         | 95'         | 150              | ..       | 0-2' sand, 2'-12' clay, 12'-95' sandstone                                                                                                   |                           |
| 48  | 3.5.60         | J. Fergusson, Buckland             | Buckland   | R4/10556          | 170'        | 195'        | 120              | ..       | 0-2' sand, 2'-12' clay, 9'-34' sandstone with clay, 34'-60' sandstone, 60'-80' soft clay, 80'-117' sandstone with clay, 117'-195' sandstone |                           |