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RESULTS OF DRILLING PROGRAMME

EL 18/70

EL 19/70

NORTH EASTERN BEACHES, TASMANIA

by

DR. J. C. STANDARD

Consulting Geologist

July, 1973

Maps:

1. Musselroe

2. -

RESULTS OF DRILLING PROGRAMMEEL 18/70NORTH EASTERN BEACHES, TASMANIA

A drilling programme was undertaken to test all beaches in the extreme north eastern part of the State that were located within EL 18/70.

The programme was primarily undertaken to locate beach concentrations of cassiterite. A previous report by B.H.P. Geologist (EL 5/65) reported occurrences of cassiterite in several areas along the coastline, with the highest values being 9 ozs. SnO₂ per cubic yard located in a shingle beach area. Small scale mining operations or more properly prospecting operations, have been carried on about 5 years ago by a local prospector using a back hoe for digging pits.

The present drilling programme failed to verify the reported tin occurrence as reported by B.H.P. and no tin values were found on the beach near the back hoe prospecting operations.

Only minor amounts of heavy minerals were found in most areas with only two drill holes, 26 and 27, having more than a trace.

The only occurrence of cassiterite were traces found in hole 46 near the mouth of the Musselroe River and in holes 57, 58 and 59 near Musselroe Point.

Table I gives the depth of each drill hole and maps 1 and 2 give the location of the drill holes.

The beaches in the north eastern area of EL18/70 were dropped as soon as the negative results of the drilling was known.

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Consulting Geologist. !

July, 1973

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TABLE I

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DRILLING PROGRAMME - NORTH EASTERN BEACHESPART OFEL 18/70

<u>HOLE NO.</u>	<u>DEPTH</u>	<u>REMARKS *</u>
1	5'	
2	5'	
3	4.5'	
4	6'	Shingle
5	2.5'	
6	6'	
7	1.5'	Shingle
8	2'	
9	2'	
10	2'	
11	5'	
12	1.5'	Rocky
13	3"	
14	1.5'	
15	.5'	Rocky
16	2'	
17	5'	
18	7'	
19	8'	
20	7'	Coarse gravel
21	7.5'	
22	11'	
23	8'	Gravel
24	5'	
25	6.5'	
26	4'	Dolerite Rocks
27	4'	Medium amount of heavy minerals
28	6'	Medium amount of heavy minerals
29	5'	
30	10'	
31	4.5'	
32	2.5'	Gravel
33	4'	
34	4'	
35	4'	

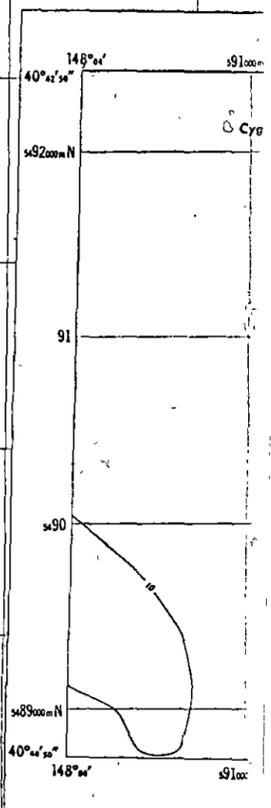
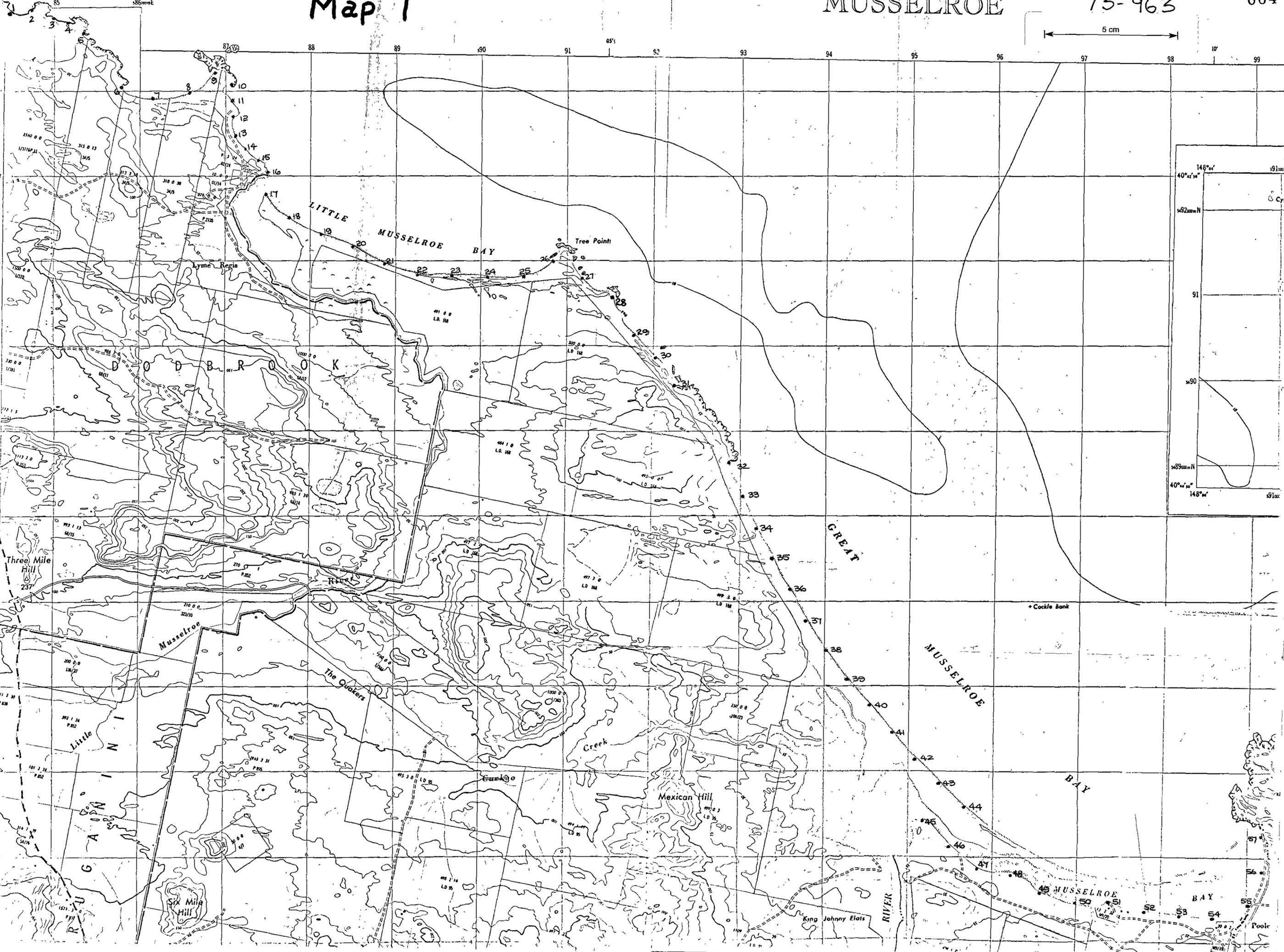
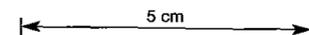
TABLE I (CONT'D)

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<u>HOLE NO.</u>	<u>DEPTH</u>	<u>REMARKS *</u>
36	3'	
37	4'	
38	4'	
39	4'	
40	5'	
41	4'	Gravel
42	4'	Gravel
43	4'	
44	4'	
45	6'	
46	10.5'	Trace of Tin
47	3.5'	Rock
48	15'	
49	15'	
50	15'	
51	15'	
52	15'	
53	15'	
54	15'	
55	15'	
56	15'	
57	2.5'	Trace of Tin, Shingle
58	4'	Trace of Tin, Rocky
59	3.5'	Trace of Tin, Rocky
60	15'	
61	5'	
62	5'	Rocky
63	11'	
64	11'	
65	11'	
66	11'	
67	11'	
68	11'	
69	8'	Rocky
70	5'	
71	11'	
72	11'	
73	11'	
74	11'	
75	11'	
76	11'	
77	11'	
78	12'	
79	11'	
80	11'	
81	12'	
82	4'	Rocky

* All holes contain only a trace of heavy minerals unless otherwise noted.

All locations are quartz sand beaches unless otherwise noted.



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Musselroe Point

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5 cm

BAY

Poolc

Cape Naturaliste

Black Reef

F R A N K L A N D

Gumhill

Creek

STUMPYS

BAY

STUMPYS BAY

Gladstone abt. 121 m.

Stumpys Rock

STUMPYS BAY

Boulder Point

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Map 2

