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741 TRANS.

ALLUVIAL BORING CAMPAIGN MUSSEL ROE DISTRICT

During June and July 1937 a boring campaign was undertaken by the Mines Department on unoccupied Crown Land on the western fall to Great Mussel Roe River, to the east of abandoned Mineral Section 1341/M.

As shown by the boring plan 15 holes were put down by the Surge Drill, all except two of which were spaced two chains apart along two north-north-east trending lines arranged in echelon. Bores 1 to 7 occur along the most western line and bores 8 to 13 along a line $5\frac{1}{2}$ chains east thereof. In addition bores 14 and 15 were located $2\frac{1}{2}$ chains and $4\frac{1}{2}$ chains west from No. 13 bore respectively.

The total depth drilled was 589 feet, and the average depth of the holes was 49 feet.

The material passed through in the deposit consisted of various layers of clay, pug, drift and sand, of different thicknesses.

Supplementary to the above one foot of wash was present, as a bottom layer, in all holes showing a trace of tin, with the exception of No.1.

Bedrock in each hole proved to be granite.

Results showed the tin contents of the ground to be extremely low. Bores 1, 6, 7, 13 and 14 disclosed traces only, while tin was found to be absent in the remaining holes.

F. BLAKE
ACTING GOVERNMENT GEOLOGIST

Mines Department,
HOBART.

1st December, 1937.

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