LOCATION AND ACCESS

This prospect is situated in the northwestern part of the Mt. Housetop tinfield, at a distance of 14 miles south of Burnie, in the vicinity of Upper Natone.

The area is located on the north side of Upper Natone - Hampshire road, 32 miles south-west of Upper Natone Post Office.

PREVIOUS LITERATURE

Previous Mines Department reports dealing with tin in the Mt. Housetop district are as follows:-

- A. Montgomery, 1895 Mineral Fields of the Gawler
 River, Penguin, Dial Range,
 Mt. Housetop, Table Cape, Cam
 River and Portion of the
 Arthur River Districts.

 (Secretary for Mines Report
 1895-96).
- F. Blake, 1937 Tin Lodes at Upper Natone (Unpublished)

HISTORY

Prior to 1891 stream tin had been worked to the north-west of Mt. Housetop in tributaries of Emu River, principally about the head waters of Trial and Falls Creeks. Some prospecting had been undertaken on sub-basaltic gravels and several tin bearing lodes had been found. At least one lode, known as the Kaolin Lode, was worked to a limited extent about 1892.

In 1899 mineral leases were acquired by Sydney Thoresby covering portion of the land now held by A. Crane. These were subsequently transferred to Whyte Thomas and during the following few years several small streams flowing westerly to Falls Creek were worked for alluvial tin. About this period also a tin bearing lode was located immediately north-west of where Crane's Timber Mill now stands and a small amount of development was carried out on this occurrence.

Between the years 1935 and 1938 L.J. Clark attempted to prove the value of several tin bearing lodes by prospecting works in the vicinity of the Kaolin Lode, within an area low miles to the east of Crane's Prospect. Assays of a series of samples disclosed an erratic tin distribution and a low average content in the four lodes tested. Several small creeks in this vicinity were also sluiced for alluvial tin.

Prospecting by A. Crane extends back to about 1953 and has consisted principally of work on tin bearing sub-basaltic gravels which are exposed to a limited extent around the denuded edge of basalt flows.

GENERAL GEOLOGY

The basement rocks of the district consist of medium to coarse grained granite of Devonian age.

It is anticipated that the main gutter of the lead would occur about five chains to the east of the prospect cut, below the northerly trending tongue of basalt indicated on the map, and it is along this gutter that the richer tin bearing deposits would be expected to occur.

To test the deposit the first essential is a boring campaign to locate the gutter and prove the size, depth and value of the lead. This would also give required information on the thickness and hardness of the basalt overburden.

(F. Blake) GEOLOGIST

The Department of Mines, HOBART.

3rd June, 1957.