

TDH/3

21st November, 1958.

MEMORANDUMA.H. Crane's Tin Prospect, Upper Natone.

In relation to Crane's recent request for financial assistance a brief visit was paid to his workings on 28th ultimo and the following information obtained.

1. The party have the water on to the workings and have removed overburden by sluicing. A paddock of overburden measuring approximately 200 ft. x 100ft. x 20ft. has been taken out. The overburden is recent alluvium and weathered basalt, most of which is soft and easily removed by water power.
2. The boxing has been begun but not completed.
3. A Gravel Pump and a Pelton Wheel to drive it have yet to be installed .
4. Settling dams to prevent the pollution of the Emu River have yet to be bulldozed.
5. A sample was washed from tin bearing wash beneath the basalt. A dish of wash yielded 1.87 oz of 70% tin, which is equivalent to over 12 lbs per cubic yard of 70% tin. The majority of this tin was coarse (+ 18 mesh).
6. A sample taken from wash above the basalt yielded but half an oz per cubic yard. Much of the heavy material on this recent wash is ilmenite.
7. The party have apparently spent a considerable amount but have now reached the end of their financial resources and without assistance state that they will not be able to come into production. In my opinion, there is sufficient tin present in this area to warrant assistance. Admittedly the tin-bearing wash is narrow in thickness (two to three feet, compared with the overburden (20-30 feet) where exposed but it is very rich. I also think that the deep lead exposed is a tributary of the main Tertiary stream, which has not yet been located.

A description of the prospect by F.Blake is contained in Technical Reports No.2, 1957.

  
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Director of Mines,  
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