

Mines Department,

7th July 1931.

P.B. Nye Esq.,
 Govt. Geologist,
 Mines Department,
HOBART

Hobart, 7th July, 1931.

re: "Ramsdale's Prospect", Curtin and
 Davis District.

In accordance with your instructions I again visited Ramsdale's Prospect, Curtin and Davis District, on Monday the 22nd June 1931. I was accompanied by J. Wallace a partner of Ramsdale's.

Since my last visit to the prospect the following development work has been carried out. Thirty five feet north of the trench "F" a trench 10 feet deep has cut the lode and from the eastern end of the trench the lode has been driven on in a southerly direction for a distance of thirty eight feet. The floor of this drive at a point under the trench "E" is seventeen feet below the surface.

In the face of the drive the lode is approximately 2 feet wide and consists of highly pyritic lode matter containing a little galena and tetrahedrite.

There was approximately $\frac{3}{4}$ of a ton of ore at grass obtained from this drive. This ore is highly pyritic and in places siliceous; it contains small lenses of fine grained galena and a few small seams of tetrahedrite. The galena lenses are rather irregular both in shape and mode of occurrence; the largest of them would be about three to four inches wide and approximately six inches deep. The tetrahedrite occurs as small seams which vary in thickness from one to two inches. As far as could be judged neither the galena nor the tetrahedrite were of any extent. A sample of seven to eight pounds of this ore was assayed by the Chief Government Chemist with the following results.

Silver 49 ozs. Lead 24.91% Copper 2.70%
 Antimony 5.06%

The lode has changed in character at the level of the new drive and is now a pyritic ore body carrying galena and tetrahedrite, with a little chalcopyrite. At the time of my first visit to the prospect (20th Feb. 1931) no galena could be seen.

The new work has had the effect of proving that in the top 17 feet of the lode, between the trenches "F" and "F I", the lode is rather poor and that there is not sufficient ore present to warrant further mining.

The prospectors are anxious to drive south from the adit "G", but as stated above the top 17 feet of the lode has proved to be of little value. Hence even if the drive "G" were continued there would be only 35 feet of backs available with no certainty of striking payable ore.

On the whole the new work carried out confirms my earlier opinion (letter 21.2.31) and a further consideration of all the facts leads to the conclusion that further development work on the property is hardly justifiable.

K.J. Finucane.
 FIELD GEOLOGIST.