

HGWK/2

6th. May, 1958.

MEMORANDUM

The Director of Mines,  
HOBART

I have examined the area held as Lease applications Nos. 45M/57 and 46M/57 by Mr. S.R. Fletcher of Gladstone.

The area is one which has been previously worked. Apparently the disposal of tailings was the main factor contributing to the closure of the workings.

A few years of idleness and normal rainfall has reduced the level of the tailings and their disposal now presents no real difficulty.

During the examination five samples were taken from faces on which operations are intended or are at present being carried out.

Fletcher, who has already had Aid to Mining, has insufficient pipes to reach the face on which he wishes to operate. His present working face is of much lower grade than the face which is his real objective. His previous aid was to enable the purchase of 800 ft. of pipes. His actual purchase was of 770 ft. with perhaps 50 ft. unfit for use. He is still 100 ft. distant from his known high grade wash.

The samples taken and their grades are as follows:-

- (1) Bottom 1 ft of face to be worked.  
Shows a grade of some 20 lbs p.c.y.
- (2) 10 ft of depth above (1)  
Shows a grade of 2 lb p.c.y.  
8 ft above (2) not sampled.  
This is equivalent to a grade of 2 lb p.c.y. over the 19 ft of depth.
- (3) Grab samples along edge of old tail race near (2).  
Grade 2.5 lb p.c.y. No particular depth indicated.
- (4) Old face about 3 chn. distant from present working face.  
Sample from bottom 1 ft of 15 ft face. Grade 4 lb p.c.y. which is equivalent to 15 oz p.c.y. over the whole face.
- (5) Present working face perhaps 6 ft above the bottom and over a vertical distance of 8 ft. Grade 1 lb p.c.y. The bottom was covered with a recent fall. Total height of present working face about 16 ft. The sample therefore suggests 8 oz p.c.y. over the whole face.

Fletcher was about to clean up and expected to have 8 bags of concentrates at the end of it. It might be reasonable to anticipate 6 bags allowing for optimism.

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As his request is for an additional £70 to purchase 330 ft of 11 inch pipes @ 2/6 per ft and sufficient 12' x 12" x 1 1/2" planks to make 100 ft of fluming at a price of 6/- per plank, I recommend that this assistance be granted for the grade of wash and quantity available is more than sufficient to enable repayment of this and the previous Aid to Mining granted.

H.G.W. Keid,  
CHIEF GEOLOGIST.