

Memorandum for
The Secretary for Mines,
HOBART

Mangania,
21-10-36

Application of E.A. Lowe to Carry out Developments
on Miners Right Claim near Mathinna

The applicants Claim is situated about 5 miles north of Mathinna, near the foot of Black Bay Hill, on the south-eastern fall.

The application of Aug. 6th referred to a quartz vein trending north-north-easterly and exposed in a trench and shallow shaft over a length of 16 feet. The vein at surface has a width from 4 to 6 inches but increases to 9 inches at 7 feet below. Three samples taken at intervals across full width of vein in the approved manner were assayed with the following results:

	<u>Gold per ton</u>	<u>Silver per ton</u>
(1)	Nil	Nil
(2)	13 grn.	13 grn.
(3)	2 dwt. 2 grn.	13 grn.

Owing to the narrowness of vein and the low assay results further development cannot be recommended.

The new application of Oct. 13th refers to a quartz vein striking east-north-east at a point 90 feet north-easterly from the other. It is poorly exposed, over a length of a few feet, about the collar of an inaccessible underlay shaft. The shaft underlays to the north at a steep angle (about 80°) for approximately 25 feet and then appears to become flatter. It is said to be 70 feet deep and underground stopping appears to have been carried out from it. The width of vein varies, where visible, from 6 to 9 inches and a little fine gold is visible in hand specimens. A sample of quartz taken from shaft collar, when crushed and panned at time of inspection showed a good sample of fine gold. At 100 feet vertically below shaft an adit has been driven 280 feet and cross-cut 20 feet in an unsuccessful attempt to locate this vein. It is probable that the cross-cut has not been extended quite far enough but in the absence of data with regard to dip of vein this could not be definitely ascertained since the vein cannot now be examined below the surface I do not feel justified in recommending financial assistance to clear and timber shaft.

J. BLAKE
ACT. GOVT. GEOLOGIST