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5th October, 1954.

MEMORANDUMDon River Dam Site

On the 29th ultimo, in company with Mr. J. L. B. Fowler, I again visited the proposed dam site on the Don River. Some of the shafts have been deepened since my last visit. No. 5 shaft (see plan 1316-37) is now down 30 feet in river wash and detrital material without bottoming. It would appear, however, that it is close to the solid rock because:-

1. There is a large mass of conglomerate either boulder or solid in one corner of the shaft.
2. Water is coming in at a fairly fast rate near and at the bottom of the shaft.

The No. 6 shaft down about 8 feet, has not bottomed either.

The two shafts, 1 and 2 on the West bank both appear to have reached solid material although this, a schistose conglomerate, is still in a very weathered state.

On discussion with Mr. Fowler, I recommended the following work be done.

1. No. 5 shaft should be deepened another few feet as it is considered it is near bottom.
2. A shaft should be put down on another dam site, 146 feet further down the river bank from No. 5 and about the same level. The solid rock might not be so far from the surface here.

On the result of this work will depend further investigation.

(SGD) Terence D Hughes
GEOLOGIST.

The Director of Mines,
HOBART