

TH/2

16th February, 1951

MEMORANDUM:

UNDERGROUND WATER FOR BUTTER FACTORY,  
KING ISLAND

The King Island Dairy Products Limited are anxious to improve their water supply and this for two reasons :-

1. In very dry periods, as at present, the existing supply is hardly adequate.
2. Proposed extensions to the factory require the use of an increased water supply.

The factory is located on the North Road, near Porky Creek, five miles north of Currie.

The existing water supply is obtained from two sources; from a small dam in Little Porky Creek and from a well on a neighbouring property.

The spot, where the manager desires the additional supply to be located is North of the Factory and some 30 feet in height above the level of Little Porky Creek. The surface is covered with recent sand, in common with most of the Islands West Coast. Whether the sand persists to the depth of the water table - that is 20 to 30 feet - is a little doubtful. In many nearby localities, as shown on the attached plan, granite outcrops and it is quite possible that granite may be encountered at no great depth below the surface at this point. If so, no water can be obtained from this rock.

It is recommended that a hand boring plant, if available, should, be sent to the island so that the Butter Factory people could bore at the desired spot. If hard granite were encountered before the water was reached, the hand plant could be moved about until a water supply was obtained.

It is expected that should a plant be sent to King Island, other persons would be interested in hiring it.

Signed: Terence D. Hughes,

GEOLOGIST

The Director of Mines.

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