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21st October, 1959.

MEMORANDUMUNDERGROUND WATER POSSIBILITIES ON PROPERTY
OF R.H. GRAY, LYMINGTON.

This orchard property of seven acres in extent is situated half a mile west of Shag point, on the south side of Copper Alley, at Lymington.

The rocks underlying the eastern two thirds of the area consist of intrusive Jurassic dolerite. The greater portion of the western part is occupied by Permian sandstones, with a maximum thickness of 25 feet about the western boundary. Permian siltstones underly the sandstones near the north-east corner of the lot. The sandstones cap a low hill extending westerly over a small area into the adjoining property.

The only rocks present which may be considered as an aquifer are the sandstones but, owing to the small catchment available combined with the limited thickness of these rocks, an underground water basin is not anticipated.

The possibilities of obtaining appreciable supplies of underground water on this property are remote and boring for such purpose is not recommended.

The owner has been advised to construct dams at suitable points on his property to conserve surface water.

F. Blake
(F. Blake)
GEOLOGIST.

The Director of Mines,
HOBART.

Copy to:-
Mr. R.H. Gray, Lymington.