

UR1974-36

Groundwater prospects on Mr N.M. Crane's property, Sandfly.

W.C. Cromer

The 20 ha property [EN159398] occupies the floor of a gently sloping shallow valley lying at the foot of the north-eastern slopes of Sam Smiths Hill. It is underlain by Permian sandstone and mudstone.

Water is required for septic tank and gardening purposes.

A bore site is recommended about 100 m north-west of the house on flat land behind the barn. The catchment area is large and the hill slopes rise to elevations of the order of 150-200 m above the valley floor about 0.5-1 km west of the property. Any water encountered on drilling may in fact be artesian.

Yields in the range of 15-30 l/min can be expected. Water should be obtained from depths of less than 30-40 m. If the bore is dry to this depth, deeper drilling will probably not be successful, and is not recommended. Water qualities should be suitable for the uses envisaged.

[29 April 1974]