

DEPARTMENT OF MINES  
SOUTH AUSTRALIA

Rept. Bk. No. 19/269  
E.W.S. No. 94/44

REPORT ON UNDERGROUND WATER PROSPECTS

Pt. Sec. 125, Hd. Onkaparinga

- Mrs. M.G.F. Basford -

Advice is desired on the prospect of obtaining a supply of water from underground sources by boring, to be used for irrigation purposes.

The rocks underlying the whole of the property consist of irregularly banded ferruginous felspathic sandstones and argillaceous (clayey) sandstones which dip to the south-east, that is into the hillside.

The property underlies the highest portion of the range and it is expected, therefore, that any borehole drilled into the sandstones which are expected to be water-bearing, will have to be drilled to at least 280ft. in order to cut a satisfactory supply of ground water.

Owing to the steepness of the range the choice of a suitable site on which to drill is limited. Furthermore, considerable difficulty would be experienced in dragging a boring plant over the property.

A site "A" has been selected close to the south-western boundary of the property, and between a sharp angle of a track. The exact spot has been pointed out on the site. It is suggested that touch be kept with this Department during drilling operations, in order that further advice can be given if desired.

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RWS:JB  
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R.W. SEGNI  
GEOLOGIST