

DEPARTMENT OF MINES
ADELAIDE

SECOND REPORT ON WATER SUPPLY FOR A.D.C. GUM,
SECTION 137 HUNDRED OF WILLOWIE

A second inspection of the above property was made on 29th January 1944 following the failure of the No. 1 Site to provide suitable stockwater. The tapping of $2\frac{3}{4}$ oz. water at the No. 1 site a depth of 142 feet demonstrated the necessity of seeking an alternative site on higher ground. Such a site was selected approximately $\frac{1}{2}$ mile south-east of the No. 1 site where a strong water course from the Coomeroo Hills fans out on the edge of the Willochra plain. The site is just as good topographically as the No. 1 site and it is reasonable to expect an adequate supply of water being struck at a comparable depth. Also it is at a higher elevation and the possibility of the water having an excessive salinity is extremely remote.

It is recommended that assistance be granted Mr. Gum to sink a bore on this site under the same footage conditions as outlined in the first report. It is suggested that the same drilling contractor be approached to carry out the boring operation at specially reduced footage rate in view of the known favourable conditions for boring and the earlier disappointing result. The casing in the No. 1 borehole could probably be recovered and used again.

DEPUTY GOVT. GEOLOGIST.

2-2-1944

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