

*Hyd. Sec.*

Rept. Bk. 58/104  
G.S. 2853  
D.M. 543/64  
Hyd. 1582

DEPARTMENT OF MINES  
SOUTH AUSTRALIA

REPORT ON DRAINAGE

PT. SEC. 914 and 915. HD. ADELAIDE.

TOWN PLANNER  
(Re W. C. Emery)

The inspection was made on 17.6.64.

*2 miles W.N.W. of  
Norton Summit.*

GENERAL:

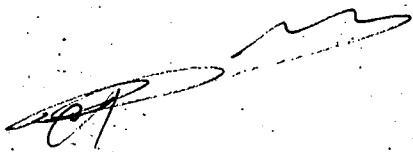
On L.T.O. Plan 7332, new subdivisions are shown which cover the western flank of the north and west orientation spur and the northern slope of the main ridge. The attached geological map shows that the blocks 92 to 97 are underlain by weathered slates which overly a sandstone. Only the southern boundary of block 97 lies on a second sandstone bed.

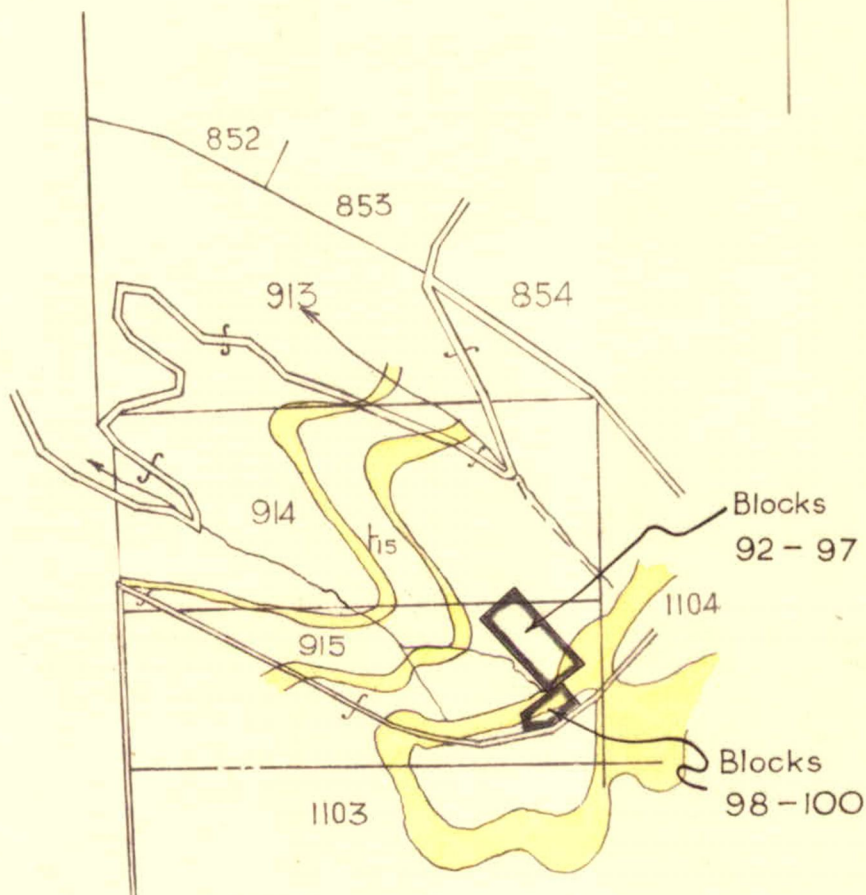
The upper portion of the slates are weathered and decomposed into clays, which are thin only.

Since it is reported that a water supply may be made available, the chances are good that gardens will be established.

A large quantity of water has to find its way into the underlying weathered rocks. This may cause landslip especially of the thin clayey cover.

In the blocks 98 - 100, sandstones are at shallow depth and, if septic tanks are installed, the effluent would most likely find its way into the underlying sandstones. If, in addition, gardens are established, the excess water may also find its way into the sandstone and thus the danger of landslip on these blocks is believed to be considerably less than on the blocks to the north-east.

  
C. BLEYS,  
SENIOR GEOLOGIST,  
HYDROLOGY.



Slates & phyllites   
 Sandstone & quartzite

Strike & dip of bedding  $\wedge^{15}$

To accompany report by C. Bleys

**S.A. DEPARTMENT OF MINES**

Approved	Passed	Drn.	DRAINAGE INVESTIGATION H <sup>o</sup> ADELAIDE P <sup>ts</sup> 914, 915,  TOWN PLANNER	D.M.	Scale 20 GHNSTO 1"
		Tcd. G.M.		Req.	S3730
		Ckd.			Ha6
Director		Exd.			Date 19.6.64