

DEPARTMENT OF MINES.SOUTH AUSTRALIA.REPORT ON DRAINAGE BORING, BROADVIEW GARDENSFORWAR SERVICE HOMES DIVISION.INTRODUCTION.

Following representations from the War Service Homes Division, arrangements were made to drill a series of drainage bores in selected allotments at Broadview Gardens, in an attempt to dispose of surface drainage, and rainwater, which had been collecting under buildings, and causing serious damp conditions.

DRILLING OPERATIONS.

Drilling operations commenced on 20/8/53, with Driller Little using Plant No. 10, a scout plant.

Two bores were completed for a total depth of 84', and drilling was discontinued on 26/8/53.

The programme originally called for three test holes; however, due to the limited financial allocation, the project was curtailed.

Bore No. 1 was stopped on instructions at a depth of 30 feet, before penetrating the sandstone horizon, where it was hoped drainage would be obtained.

Bore No. 2 was drilled to a depth of 54'; from 49' to 54' the strata was such that possibly satisfactory drainage could have been obtained.

Because no further finance was forthcoming, the plant was returned to the Works Depot, without a drainage test being conducted.

CONCLUSIONS.

MICROFILMED

The result of this programme was inconclusive due to limited finance.

No suitable drainage strata was encountered in Bore No. 1, and although Bore No. 2 would probably have permitted disposal of a

of water could have been coped with.

Tabulated below are details of the bores drilled -

<u>Serial No.</u> <u>P.D.</u>	<u>Bore</u> <u>No.</u>	<u>Depth</u>	<u>Commenced</u>	<u>Completed</u>	<u>No. of</u> <u>Shifts.</u>	<u>Rate per</u> <u>Shift.</u>
563/53	1	30'	20-8-53	21-8-53	2	15'
564/53	2	54'	21-8-53	26-8-53	4	13' 6"

The overall cost of these bores was £61-17-6, or
14/9d. per foot.

10/9/53.

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D.M. WATSON.

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