

DEPARTMENT OF MINESSOUTH AUSTRALIA.REPORT ON DRILLING OPERATIONS

F O R

ARCHITECT-IN-CHIEF'S DEPARTMENTAT PRIMARY SCHOOL, CLARE.

Following upon a request from the Architect-in-Chief that a bore be constructed at the Primary School, Clare, for the purpose of disposing of ablution water, Driller Richardson, operating Plant No. 20, commenced operations on 21st July, 1954, and drilling was concluded on 29th July, 1954, at a depth of 72 feet, which includes a soakage well of 8 feet.

Water was cut at 59 feet, and stands at 30 feet from the natural surface.

The bore was pump tested at 500 G.P.H. with no draw down

Drainage tests were then carried out, 400 gallons of water being put down the bore; this caused the water level to rise 10 feet, and the water took 45 minutes to return to normal static.

A second test was then conducted, 800 gallons of water being allowed to flow into the bore at 400 G.P.H.; this did affect the water level.

I would recommend that because of the danger of silt blockage, surface runoff should not be discharged into the bore.

Final costs are not yet available, and a cost statement will be issued as an addendum to this report.

Details of the bore are as under:

<u>Drilling commenced</u>	<u>Drilling completed</u>	<u>Depth of bore</u>	<u>Water cut</u>	<u>Static level</u>
21.7.54	29.7.54	72 feet	59 feet	30 feet.

Cased 6" to 19'8". Drainage 400G.P.H. without increase in static level.

.....F.E..ROBERTS.....

ACTING CHIEF MECHANICAL AND BORING ENGINEER.

5/8/54

6630-50
- 33.83
138.61

21.95