PART TWO

DRAWINGS AND DATA CAPTURE

AND RECORDING FORMS ASSOCIATED

WITH THE DEVELOPMENT OF

GROUNDWATER RESOURCES AS PART OF THE

COMMUNITY WATER SUPPLY AND SANITATION

PROGRAMME
SECTION ONE

DRAWINGS
Drilling target previously identified through profiling

Notes:
1. Distance between adjacent sounding positions to fall in the range of 20 m to 50 m.
2. Electrode array to be oriented parallel with the strike of the target geological structure.

# Sounding position.

Not To Scale

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DRAWING No. 1
Layout of Resistivity Soundings
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DRAWING No. 4

Typical Example of Perforated/Slotted Steel Casing

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DRAWING No. 5
Verticality Test Equipment
Borehole information on casing lid

600 mm diam.

Welded borehole lid

500 mm

Natural ground level

100 mm

Concrete collar

200 mm

Sanitary seal

Final casing

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DRAWING No. 6
Borehead Finishing Details
Bar welded inside box (minimum 0.9 m from weir) to form a ridge for height-of-water over notch measurements.

Notes:

1. V-notch constructed of 4 - 5 mm steel plate.
2. V-notch to be cut and filed smooth at angle exactly 90 degrees. Edge of V-notch should preferably be bevelled outwards as per detail in section above.

Not To Scale

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DRAWING No. 8
Typical V-Notch Construction