



Earth Care Products & Services



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ELECTRICAL LOGGING TEST REPORT

BORING METHOD APPLIED : Direct Mud Circulation by Mechanized Rotary Rig
SITE : Mudlar
LOCATION : Block : Saldpur, Dist : Ghazipur, State : Uttar Pradesh
LATITUDE : 25.560964° North
LONGITUDE : 83.285217° East
Logger Make and Model : IGIS, DMPL2
Borehole Drilled by (Agency) : VSSAIPL
Work Under (Department) : Uttar Pradesh Jal Nigam, Gramin

FINDINGS & RESULTS.

DEPTH DRILLED : 305.00 mtrs (As Reported by Drilling Agency)
DEPTH ELECTROLOGGED : 299.00 mtrs
RW : 6.55 Ω M RM : 6.78 Ω M


AQUIFER ZONE (As per Electrologging Findings) (Based on the Electrolog findings , granular Sand Zones and aquifer zones are interpreted)

Sl No	Depth (M BGL)	Thickness	Lithology /Stratum Interpreted	Remarks/ Quality of Aquifer
1	35-45 m	10 m	Fine Sand	Good
2	115-132 m	17 m	Fine Sand	Good
3	180-185 m	5 m	Fine Sand	Good

(Parameters measured : SP , SN (16") ,LN (64") , Lat (32") with Continuous mode Electrologging)

REMARKS AND SUGGESTION:

1. Chiefly the stratum is composed of primarily Clay Fine Sand Zones
2. Small water bearing zones (Sand) are there
3. Water quality in sand zones is Good at 35m-45m, 115 m-132 m, 180-185m
4. Predominant Clay zones presence is there at 0-30m, 50 m-110 m, 140 m-175 m, 190 m-303
5. All the Clay zones are mixed and intercalated with Kankad Zones


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