



Earth Care Products & Services



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Ref No. Elog/Vrindavan /0615/23-24

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ELECTRICAL LOGGING TEST REPORT

BORING METHOD APPLIED : Direct Mud Circulation by Mechanized Rotary Rig
SITE : Vrindavan
LOCATION : Block : Sadar, Dist : Ghazipur , State : Uttar Pradesh
LATITUDE : 25.72908° North
LONGITUDE : 83.33868° East
Logger Make and Model : JDC-1
Borehole Drilled by (Agency) : VSAIPPL
Work Under (Department) : Uttar Pradesh Jal Nigam , Gramin

FINDINGS & RESULTS.

DEPTH DRILLED : 210.00 mtrs (As Reported by Drilling Agency)
DEPTH ELECTROLOGGED : 201.00 mtrs
RW : 12.08 Ω M RM : 9.36 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	12-23 m	11 m	Medium Sand	Good
2	65-80 m	15 m	Medium Sand	Good
3	105-110 m	5 m	Fine sand	Good
4	140 -155 m	15 m	Fine Sand	Good

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

REMARKSAND SUGGESTION:

1. Chiefly the stratum is composed of primarily Clay , Medium and Fine Sand Zones
2. water bearing zones (Sand) are there
3. Water quality in sand zones is Good at 65 m-80 m, 105-110m,140-155 m
4. Predominant Clay zones presence is there at 25-60m, 80-100m, 115-135m, 160 m-200 m
5. All the Clay zones are mixed and intercalated with Kankad Zones


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