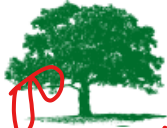


60/60
1/100
77 m³



Earth Care Products & Services

G/1 Sriniketan Apartment, 65 Sukanta Park, P.O. Prafulla Kanan, Kolkata – 700101
Mob: 9339638868, 62900236454 email : ecpskol@gmail.com
Services Offered: Groundwater and Geophysical Consultancy

Q=500
60+222+18
200x150
500x450

Ref No. Elog/Rajivpur /1227/23-24

Date 27.12.2023

ELECTRICAL LOGGING TEST REPORT

BORING METHOD APPLIED : Direct Mud Circulation by Mechanized Rotary Rig
SITE : Rajivpur
LOCATION : Block : Deokhali, Dist : Ghazipur , State : Uttar Pradesh
LATITUDE : 25.58346° North
LONGITUDE : 83.36203° East
Logger Make and Model ; IGIS, DMPL2
Borehole Drilled by (Agency) : HFCL.
Work Under (Department) : Uttar Pradesh Jal Nigam , Gramin

FINDINGS & RESULTS.

DEPTH DRILLED : 330.00 mtrs (As Reported by Drilling Agency)
DEPTH ELECTROLOGGED : 325.00 mtrs
RW : 16.53 Ω M RM : 16.59 Ω M


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

SI No	Depth (M BGL)	Thickness	Lithology /Stratum interpreted	Remarks/ Quality of Aquifer
1	40-50 m	10 m	Fine Sand	Good
2	125 -140 m	15 m	Kankad & Fine Sand	Good
3	150 -175 m	25 m	Kankad & Fine Sand	Good
4	230m-250 m	20 m	Medium Sand	Good to Moderate

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

REMARKSAND SUGGESTION:

1. Chiefly the stratum is composed of primarily Clay , Kankad and Sand Zones
2. Small water bearing zones (Sand) are there
3. Water quality in sand zones is good to Moderate in zones 230 m-250 m whereas in Kankar Zones is good at 125 -140 m , 150 m-175 m
4. Predominant Clay zones presence is there at 50 m-120 m
5. All the Clay zones are mixed and intercalated with Kankad Zones


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Rho a
N 16(SN)
N 64(LN)
LAT

Location:
Log No.:
UP LOGGING
Date: 27 Dec 2023
Time: 18:07
Observer:
dhanu
Well Depth:
330
Notes:

Logger S/ No:
IGIS/S/01/22-23

Logger Model:
SP

Logger Owned by:
DMP/L-2
EARTH CARE
PRODUCTS &
SERVICES
KOLKATA
India

