

Revised due to



## Earth Care Products & Services



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Services Offered: Groundwater and Geophysical Consultancy

Ref No. Elog/Bhesada /0414/23-24

Date 14.04.2024

### ELECTRICAL LOGGING TEST REPORT

BORING METHOD APPLIED : Direct Mud Circulation by Mechanized Rotary Rig

SITE : Bhesada

LOCATION : Block : Kashimabad, Dist : Ghazipur , State : Uttar Pradesh

LATITUDE : 25.85636° North

LONGITUDE : 83.68074° East

Logger Make and Model ; IGIS, DMPL2

Borehole Drilled by ( Agency ) : HFCL

Work Under ( Department ) : Uttar Pradesh Jal Nigam , Gramin

### FINDINGS & RESULTS.

DEPTH DRILLED : 100 .00 mtrs ( As Reported by Drilling Agency)

DEPTH ELECTROLOGGED : 100.00 mtrs

RW : 12.76  $\Omega$  M RM : 12.79  $\Omega$  M

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

SI No	Depth ( M BGL)	Thickness	Lithology /Stratum interpreted	Remarks/ Quality of Aquifer
3	84-98 m	14 m	Fine Sand	Good

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

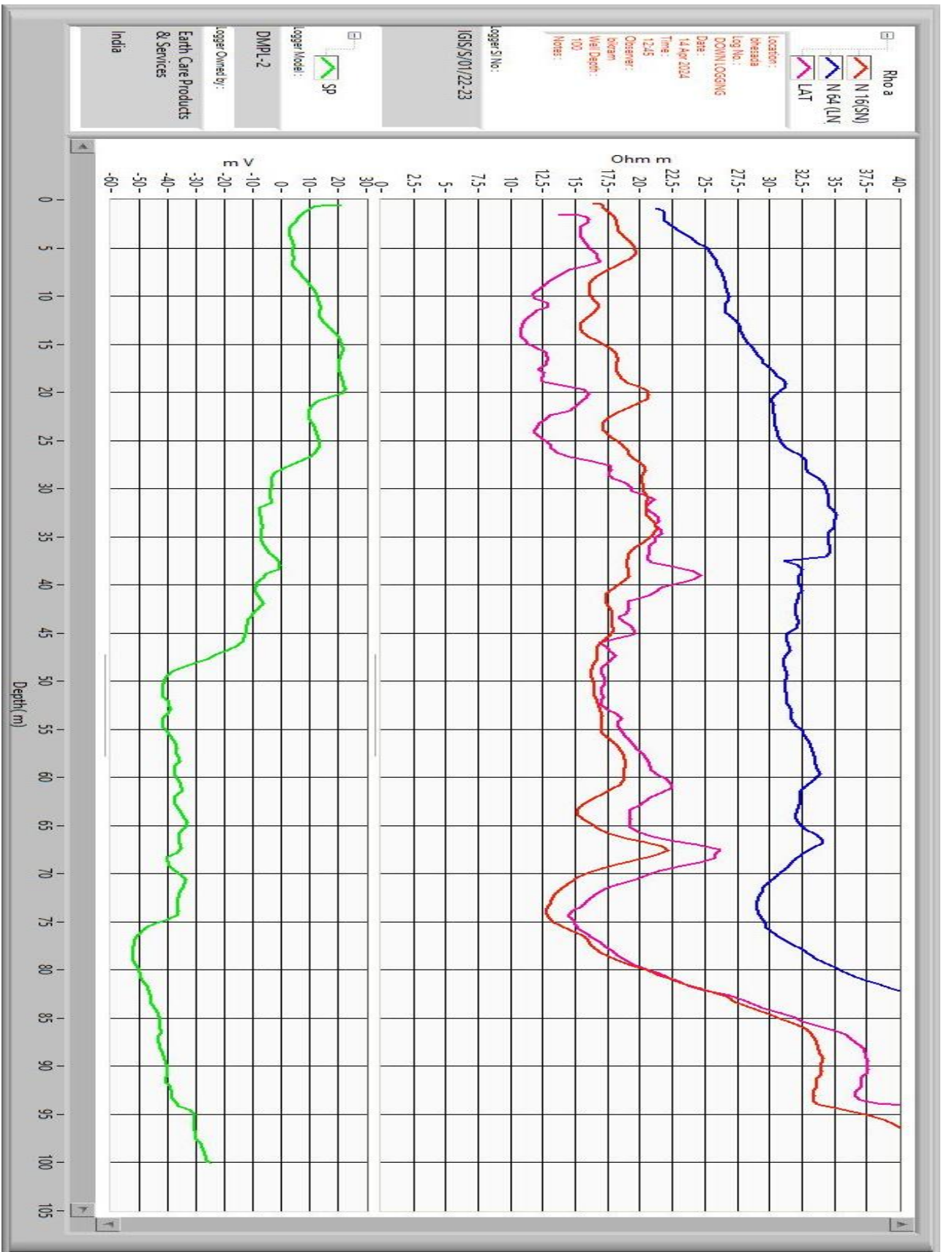
#### REMARKS AND SUGGESTION:

1. Chiefly the stratum is composed of primarily Clay , Kankad and Sand Zones
2. Large water bearing zones (Sand ) are there
3. Water quality in sand zones is Good at 84-98m
4. Predominant Clay zones presence is there at 10 m-20m, 40m-50 m ,70m-80 m
5. All the Clay zones are mixed and intercalated with Kankad Zones

  
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(84.25-96.25)  
BF = 0.75

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