



GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill - Laiburwa Block - Tulsipur

District : Balrampur

Drilled Depth : 275 m bgl

Borehole drilled by : Dara-eco Protection (V) Balrampur

Logged Depth : 274 m bgl

Date of Logging : 10 Jan 2024, 19:25 hrs

Rm & Rsw : 16.50 Ω-m & 17.4 Ω-m

Lat. & Long. : 27.5700 & 82.2277.

Based on interpretation of presented geophysical logs (S.P, Short Normal N16", Long Normal N64" and Lateral 6"), the location of comparatively suitable granular zones is as mentioned below -

S.No	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1.	22	28	6	Good to Moderate
2.	35	44	9	Good
3.	53	56	3	Good
4.	66	81	15	Good
5.	101	104	3	Good
6.	110	106	6	Good
7.	126	141	15	Good
8.	157	160	3	Good
9.	167	176	9	Good
10.	183	187	4	Good
11.	194	243	49	Good

Note:- The interpretation of mentioned geophysical logs reveals that-

- Every granular zone contains fine sediments with kanaker as per the data given in the table.
- Granular zones other than mentioned above are either highly mixed with clay kanaker or very fine granular zone (66-81), (126-141) & (194-143) mbg is intermixed with thin beds of kanaker.
- Quality of formation water up to logging depth is Good.
- Log data Attached.
- Geophysical Log Interpreted by

(Rajeev Kumar)
Geophysicist

M. Sc (Tech) Geophysics

JUNIOR ENGINEER
DIVISIONAL OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA

(Handwritten signature)