

GEO-PHYSICAL WELL **ELECTROLOGGING REPORT**

Ref No- 20-01-22/SURYA/2024

Date- 20 Jan 2024



Borehole Drilled By-
Shiva Infra Pvt.Ltd.

Log Report By-
Surya Borewell & Traders,
Sikandra, Kanpur Dehat



SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: - 19-01-22/ SURYA/2024

Date: 20 Jan 2024

GEOPHYSICAL WELL LOGGING REPORT

General Description (As reported)

Site Location : Vill – Matehana Block – Gainsari
District : Balrampur
Drilled Depth : 274 m bgl
Borehole drilled by : Welspun India Ltd.
Logged Depth : 274 m bgl
Date of Logging : 19 Jan 2024, 14:55 hrs
Rm & Rsw : 15.3 Ω -m & 16.40 Ω -m
Lat. & Long. : 27.529157 & 82.507765.

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.	18	22	4	Good
2.	30	34	4	Good
3.	58	62	4	Good
4.	72	90	18	Good
5.	97	103	6	Good
6.	127	132	5	Good
7.	138	143	5	Good
8.	174	180	6	Good
9.	218	236	18	Good

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

1. Every granular zone contains fine sediments with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine.
3. Quality of formation water up to logging depth is Good.
4. Log data Attached.

Geophysical Log Interpreted by

(Rajeev Kumar)

Geophysicist

M. Sc (Tech) Geophysics

Rho a

- N 16(SN)
- N 64 (LN)
- LAT

Location: **BARABHANG GARHAT**
 BARABHANG TUP

Log No.: **UP LOGGING**
 Date: **19 Jan 2024**
 Time: **14:55**
 Operator:
 Well Depth:

Logger SI No.: **(GIS/S/04/23-24)**

Logger Model: **SP**

DMPL-2

Logger Owned by: **SURYA BORE WELL and TRADERS KANPUR, UP, INDIA**

