

# **GEO-PHYSICAL WELL** **ELECTROLOGGING REPORT**

Ref No-29-05-14/SURYA/2024

Date- 29 May 2024



**DETAILS OF SITE**  
**LOCATION - Saha Mau Agauna**  
**BLOCK - Tiloi**  
**DISTRICT - Amethi**

**Borehole Drilled By-**  
Hetvi Construction LLP Amethi

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



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: -29-05-14/SURYA/2024

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## GEOPHYSICAL WELL LOGGING REPORT

### Site Description

**Site Location** : Saha Mau Agauna  
**Block** : Tiloi  
**District** : Amethi  
**Drilling Company** : Hetvi Construction LLP Amethi  
**Drilled Depth** : 157 m bgl  
**Logged Depth** : 157 m bgl  
**Date of Logging** : 28 May 2024, 09:41 hrs  
**Rm & Rsw** : 13.20  $\Omega$ -m & 14.30  $\Omega$ -m  
**Lat & Long** : 26.300616 & 81.515403.

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.	06	12	06	Good
2.	16	22	06	Good
3.	27	36	09	Good
4.	55	67	12	Medium
5.	117	135	18	Medium

**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. Nature of formation Water is Saline/Deteriorated at depth range (40-50)m bgl, (80-115)m bgl, (135-157)m bgl.
4. Log data Attached.

Geophysical Log Interpreted by:-

**Rajeev Kumar**  
 Geophysicist

M. Sc (Tech) Geophysics



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