

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 23

Dated: 03-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Mansoor Ganj  
Block: Ram Nagar  
District: Ambedkar Nagar  
State: Uttar Pradesh  
Date of Logging: 02-04-2023  
Drilling Depth: 170.0 m bgl  
Logging Depth: 154.0 m bgl  
Rm - 15.0  $\Omega$ m Rw - 14.0  $\Omega$ m

Borehole Drilled by: M/s Vindhya Telelinks Limited, Ambedkanr Nagar. U. P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16''), Long Normal (N-64'') and Lateral 6' geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 - 23	07	Good
2.	28 - 35	07	Good
3.	40 - 56	16	Good
4.	66 - 70	04	Good
5.	74 - 81	07	Good
6.	87 - 94	07	Good
7.	102 - 108	06	Good
8.	111 - 121	10	Good
9.	128 - 132	04	Good
10.	136 - 143	07	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 8 is highly intermixed with fine bands of kankar.

*Verified as per logs provided*

*G.S.H.  
03/04/23*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)