

## REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency M/s. Kalpataru Projects International Limited as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

Village Name	Gobi Mahuaban
Block	Laxmanpur
District	Pratapgarh, U.P.
Logged Depth	313 Mtr BGL
Type of Log	Continuous well logger (SP, N16 (SN), N64 (LN) & LAT)
Machine Used	IGIS
Logging Date	24.07.2023

The following aquifer zones have been deciphered with the help of logging machine.


Sr. No.	Depth Range (mtr BGL)	Thickness (mtr)	Expected Quality
1	43 – 50	7	Good
2	56 – 60	4	Good
3	70 – 78	8	Good
4	129 – 139	10	Good
5	144 – 151	7	Good
6	173 – 178	5	Moderate
7	195 – 198	3	Moderate
8	210 – 218	8	Good
9	224 – 232	8	Good
10	236 – 248	8	Good
11	251 – 255	4	Good
12	269 – 273	4	Good
13	278 – 291	13	Good
14	302 – 308	6	Moderate

Rw – 8.9 Ohm mtr and Rm – 20.8 Ohm mtr

For Geo-Technical Consultant,



Authorised Signatory

  
Anand Kumar  
(Hydrogeologist)