

SURYA BORWELL & TRADERS

Address- Mahmudpur Buzurg, Sikandra, Kanpur Dehat

Ref. :15-12-07/SURYA/2023-24

Date : 07/12/2023

GEOPHYSICAL WELL LOGGING REPORT**General Description (as reported)**

| | | |
|---------------------|---|--|
| Village | : | RAZDERWA THAROO |
| Block | : | PACHPEDWA |
| District | : | BALRAMPUR |
| Borehole Drilled By | : | L&T Construction Ltd. BALRAMPUR |
| Drilled Depth | : | 275 mtr. |
| Borehole Logged By | : | Surya Borewell & Traders, Kanpur Dehat |
| Logged Depth | : | 269 mbgl. |
| Date of Logging | : | December 07, 2023 7:51 |
| Rm | : | 14.5 Ω -m |
| Rsw | : | 23.1 Ω -sw |

Based on interpretation of presented geophysical logs (Self Potential S.P., Short Normal N16", Long Normal N64" and Lateral 6'), the location of comparatively suitable granular zones are 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 | 25 | 32 | 07 | Good |
| 2 | 33 | 40 | 07 | Good |
| 3 | 45 | 53 | 08 | Good |
| 4 | 54 | 62 | 08 | Good |
| 5 | 63 | 67 | 04 | Good |
| 6 | 68 | 75 | 07 | Good |
| 7 | 76 | 84 | 08 | Good |
| 8 | 90 | 97 | 07 | Good |
| 9 | 98 | 110 | 12 | Good |
| 10 | 132 | 136 | 04 | Good |
| 11 | 137 | 144 | 07 | Good |
| 12 | 147 | 153 | 06 | Good |
| 13 | 165 | 175 | 10 | Good |
| 14 | 185 | 189 | 04 | Good |
| 15 | 190 | 196 | 06 | Good |
| 16 | 197 | 203 | 06 | Good |

Note :-

The interpretation of mentioned geophysical logs reveals that -

1. The granular zones contain fine sediments with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either mixed with clay & kanker or very fine sediments.

Presented E.Log Interpreted by



(R.K. BAJPAI)
Hydrologist & Ground Water Consultant,
Retired from Irrigation Department, Uttar Pradesh

Rho a
 N 16 (SN)
 N 64 (LN)
 LAT

Location:
 Tharu Khatwa
 Panchsaras Baranpur
 Log No.:
 DOWN LOGGING
 Date:
 06 Dec 2023
 Time:
 07:51
 Observer:
 Well Depth:

Logger's No:
 IGIS/S/04/23-24

Logger Model:
 SP

Logger Owned by:
 DMP L-2
 SURVA BORE WELL
 and TRADERS
 KANPUR, UP, INDIA

