



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Bhavram Bojhi, Block Lalganj
2. District:- Pratapgarh
3. Dt. Of logging:- 17.02.2021 (log received dt. 18.02.21)
4. Drilled depth(as verified dt. 18.02.21 by concerned AE):- 150.0mbgl
5. Logged depth:- 145.0mbgl
6. Logged By:- Geo Instruments and Technics, Lucknow
7. Concerned AE:- Er. Prashant Singh, JE
8. Based on the geophysical log interpretation following granular zones may be deciphered, particularly with respect to salinity of the formation water.

| Sl. No. | Zones (mbgl) | Thickness(mts.) | Remarks |
|---------|------------------|-----------------|--|
| 1 | 20.0-28.0 | 8.0 | Good, very fine sand kanker intermixed |
| 2 | 35.0-38.0 | 3.0 | Good, very fine sand kanker intermixed |
| 3 | 42.0-45.0 | 3.0 | Good, very fine sand kanker intermixed |
| 4 | 49.0-52.0 | 3.0 | Good, very fine sand kanker intermixed |
| 5 | 81.0-88.0 | 7.0 | Moderate to Marginal, fine sand |

Between 55.0 mbgl to 75.0 mbgl formation water quality is deteriorating marginal to saline and further below 95.0 mbgl till depth logged quality of formation water is saline.

(Dr. S.Sahai)

Manager(Groundwater)

1. EE, IInd CD(E/M), UP Jal Nigam, Prayagraj for information and necessary action.

Manager(Groundwater)