



GRAM :- JAL NIGAM

Phone:- 0522 – 2220173, 2220272

UTTAR PRADESH JAL NIGAM

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GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Kadipur, Block Aspur Devsara
2. District:- Pratapgarh
3. Dt. Of logging:- 21.10.2020
4. Drilled depth(as reported by concerned JE):- 330.0mbgl
5. Logged depth:- 320.0mbgl
6. Logger no:- 6095
7. Logged By:- Mr. G.Shukla, Asstt. Hydrogeologist
8. Concerned AE:- Er. Vipin Kumar, JE
9. 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 | 29.0-34.0 | 5.0 | Good, fine sand kanker intermixed |
| 2 | 38.0-46.0 | 8.0 | Good, fine sand kanker intermixed |
| 3 | 54.0-61.0 | 7.0 | Good, fine sand kanker intermixed |
| 4 | 73.0-80.0 | 7.0 | Moderate, fine sand kanker intermixed |
| 5 | 265.0-275.0 | 10.0 | Marginal |
| 6 | 279.0-289.0 | 10.0 | Marginal |

Between 85.0 mbgl to 260.0 mbgl and further below 300.0 mbgl quality of formation water is deteriorating from marginal to saline

(Dr. S.Sahai)

Manager(Groundwater)

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

Manager(Groundwater)