



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

UTTAR PRADESH JAL NIGAM

GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Pichura, Block Lalganj
2. District:- Pratapgarh
3. Dt. Of logging:- 06.02.2021
4. Drilled depth(as reported by concerned JE):- 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	15.0-20.0	5.0	Good, fine to very fine sand kanker intermixed
2	32.0-35.0	3.0	Good, fine to very fine sand kanker intermixed
3	40.0-43.0	3.0	Good, fine to very fine sand kanker intermixed
4	84.0-94.0	10.0	Good

Between 50.0 mbgl to 75.0 mbgl formation water quality is deteriorating marginal to saline and further below 98.0 mbgl till depth logged quality of formation water is saline.

(Dr. S.Sahai)

Manager(Groundwater)

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

Manager(Groundwater)