



GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272

# UTTAR PRADESH JAL NIGAM

## GEOPHYSICAL LOGGING REPORT

1. Name of the site Samapur, Block Lalganj
2. District:- Pratapgarh
3. Dt. Of logging:- 29.07.2021
4. Drilled depth( as verified by concerned JE):- 330.0mbgl
5. Logged depth:- 315.0mbgl
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	19.0-26.0	7.0	Good, fine to very fine sand
2	34.0-37.0	3.0	Good, fine to very fine sand
3	43.0-47.0	4.0	Good, fine to very fine sand
4	52.0-56.0	4.0	Good, fine to very fine sand
5	87.0-97.0	10.0	Moderate
6	177.0-184.0	10.0	Moderate to Marginal
7	187.0-192.0	5.0	Moderate to Marginal
8	274.0-284.0	10.0	Moderate to Marginal

All zones are kanker intermixed. Between 100.0 mbgl to 160.0 mbgl quality of formation water is saline and further between 200.0 mbgl to 270.0 mbgl and below 287.0 mbgl till depth logged quality of formation water is 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)