

2021

330.0 mbgl  
AquaXplore, Lucknow

187

GRAM :- JAL NIGAM

Phone:- 0522 - 2220173, 2220272



# UTTAR PRADESH JAL NIGAM

## GEOPHYSICAL LOGGING REPORT

1. Name of the site:- Manjhanpur, Jakhania Tal No - 1
2. District:- Ghazipur
3. Dt. Of logging:- 15.03.2021
4. Drilled depth( as reported):- 330.00mbgl
5. Logged depth:- 328.0 mbgl
6. Logged By:- AquaXplore, Lucknow
7. Concerned 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       | 21.0-31.0     | 10.0            | Good    |
| 2       | 46.0-51.0     | 5.0             | Good    |
| 3       | 97.0-113.0    | 16.0            | Good    |
| 4       | 115.0-117.0   | 2.0             | CLAY    |
| 5       | 158.0-161.0   | 3.0             | CLAY    |
| 6       | 169.0-172.0   | 3.0             | CLAY    |
| 7       | 210.0-214.0   | 4.0             | CLAY    |
| 8       | 240.0-242.0   | 2.0             | CLAY    |
| 9       | 259.0-269.0   | 10.0            | Good    |
| 10      | 273.0-299.0   | 26.0            | Good    |
| 11      | 320.0-328.0   | 8.0             | Good    |

Between 124.0 mbgl to 253.0mbgl quality of formation water is deteriorating from marginal to saline.

(Dr. S.Sahai )

Manager(Ground Water)

c.c.

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

Manager(Ground Water)