



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date 23/10/2023

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency..... Vishwarya, Environment Pvt. Ltd. Greta Developers
 Village -..... Bithaura Khurd..... Block..... Marani.....
 District..... Bilahit..... Logging Depth..... 130 mtr.....
 Drilling Depth..... 130 mtr..... Water Level..... 4 mtr.....

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 14	clay Kankar	
3	14 - 17	Fine Sand	
4	17 - 21	clay Kankar	
5	21 - 28	Fine to med. Sand	med. to Good
6	28 - 33	clay Kankar	
7	33 - 35	Fine Sand	med. to Good
8	35 - 41	clay Kankar	
9	41 - 45	Fine to med. Sand	med. to Good
10	45 - 51	clay Kankar	
11	51 - 58*	medium Sand	med. to Good
12	58 - 62	clay Kankar	
13	62 - 76*	medium Sand	med. to Good
14	76 - 81	clay Kankar	
15	81 - 101*	medium Sand	med. to Good
16	101 - 106	clay Kankar	
17	106 - 112*	medium Sand	med. to Good
18	112 - 118	clay Kankar	
19	118 - 127*	medium Sand	med. to Good
20	127 - 130	clay Kankar	
21			
22			
23			

* Expected Water Bearing Zone

For Ground Water Survey Consultancy


 Geophysicist

Specializations In

Electric Well Logging, Geophysical Survey, Resistivity Survey, Rainwater Harvesting,
 Construction of Recharge Well, Rectification of Tubewells, Ground Water Investigations.

lowering of Bithaura Khurd WSScheme Distt - Pilibhit Block - Marauri

T.W. size - 200x150mm & lowering Date - 24/10/23 discharge - 550 lpm | 130/120

200mm housing pipe

- 1- 6.00
 - 2- 6.00
 - 3- 6.00
 - 4- 6.00
 - 5- 6.00
 - 6- 6.00
 - 7- 6.00
-
- 42.00m

150mm Plain pipe

- 1- 6.00
 - 2- 6.01 ✓
 - 3- 6.02 ✓
 - 4- 6.04 ✓
 - 5- 6.01 ✓
 - 6- 6.02 ✓
 - 7- 6.00 ✓
 - 8- 6.00 ✓
 - 9- 6.01 ✓
 - 10- 6.02 ✓
 - 11- 3.00 ✓
 - 12- 3.00 ✓
-
- 66.13m

150mm slotted pipe

- 1- 3.00 ✓
 - 2- 3.00 ✓
 - 3- 6.00 ✓
 - 4- 6.00 ✓
 - 5- 6.00 ✓
-
- 24.00m

2.70m
3.30m

Logging Report As:-

- 62m — 76m — m. sand — 6
- 81m — 101m — m. sand — 15
- 106m — 112m — m. sand — 3

Plain pipe

6.00 → 2.70m
3.30m

- 200mm housing pipe — 42.00m
 - 200x150mm Reducer — 0.20m
 - 150mm Plain Pipe — 50.02m
 - 150mm slotted pipe — 24.00m
-
- 117.02m
- Atk → 0.50m
-
- 116.52m

