



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date. 16/12/2023.....

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency..... *Vishvarya Environment. Pvt. Ltd. Coeta. Developers...*  
 Village..... *Khar Kiya Bargaon...* Block..... *Purampur*  
 District..... *Mathura* Logging Depth..... *130 mtr.*  
 Drilling Depth..... *130 mtr.* Water Level..... *32 mtr.*

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 10	Fine Sand	
3	10 - 20	clay Kankar	
4	20 - 28	Fine to med. Sand	medium
5	28 - 32	clay Kankar	
6	32 - 35	Fine Sand	medium
7	35 - 38	clay Kankar	
8	38 - 42	Fine to med. Sand	medium
9	42 - 51	clay Kankar	
10	51 - 54	Fine Sand	medium
11	54 - 57	clay Kankar	
12	57 - 61*	Fine to med. Sand	medium
13	61 - 65	clay Kankar	
14	65 - 70*	medium Sand	medium
15	70 - 72	Kankar	
16	72 - 88*	medium Sand & Kan.	medium
17	88 - 93	clay Kankar	
18	93 - 121*	medium Sand	medium
19	121 - 127	clay Kankar	
20	127 - 130*	Fine to med. Sand	medium
21			
22			
23			

\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*V/S*  
*10/12*  
Geophysicist

Specializations In

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

Lowering of Khirkiya Bargaadia W/S Scheme Dist. Pilibhit Block Pooranpur  
 TW size - 200x150mm lowering date - 17/12/23 discharge - 4 vol/pm (130l/m)  
 240mm housing pipe 150mm plain pipe 150mm slotted pipe

- 240mm housing pipe
- 1- 6.10
  - 2- 6.10
  - 3- 6.10
  - 4- 6.10
  - 5- 6.10
  - 6- 6.10
  - 7- 6.10
- 
- 42.00M

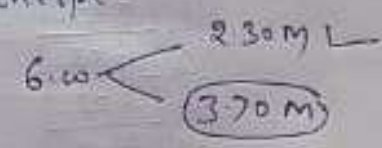
- 150mm plain pipe
- 1- 6.00
  - 2- 6.00
  - 3- 6.03
  - 4- 6.05
  - 5- 6.12
  - 6- 6.10
  - 7- 6.10
  - 8- 6.12
  - 9- 6.00
- 
- 54.12M

- 150mm slotted pipe
- 1- 6.00
  - 2- 6.00
  - 3- 6.00
  - 4- 6.00
- 
- 24.00M

Logging Report As:-

- 57m — 61m — fine m sand
- 65m — 70m — m. Sand
- 72m — 88m — m. Sand — 12
- 93m — 121m — m. Sand — 12.

Plain pipe



- 200mm housing pipe — 42.00M
  - 200x150mm reducer — 0.20M
  - 150mm plain pipe — 50.42M
  - 150mm slotted pipe — 24.00M
- 
- 116.62M
- AGL (-) 0.50M
- 
- 116.12M

