

GSTIN : 09AEOPG8965L2ZJ



# GROUND WATER SURVEY CONSULTANCY

**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

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Date: 17-06-2023

Ref No. ....

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency: Vishwanath Environment Ltd. Balaji Banawali  
 Village: Baijn Nagar Block: Puarapur  
 District: Aligarh Logging Depth: 130 mtr.  
 Drilling Depth: 130 mtr. Water Level: 6 mtr.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 11	Fine Sand	
3	11 - 17	clay Kankar	
4	17 - 32	Fine to med. Sand	Good
5	32 - 40	clay Kankar	
6	40 - 50	medium Sand & clay	Good
7	50 - 55	clay Kankar	
8	55 - 71*	medium Sand	Good
9	71 - 79	clay Kankar	
10	79 - 88*	medium Sand & clay	Good
11	88 - 91	clay Kankar	
12	91 - 100*	medium Sand	Good
13	100 - 106	clay Kankar	
14	106 - 122*	medium Sand & clay	Good
15	122 - 130	clay Kankar	
16			
17			
18			
19			
20			
21			
22			
23			



\* Expected Water Bearing Zone For Ground Water Survey Consultancy

*[Signature]*  
Geophysicist

**Specializations In**

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



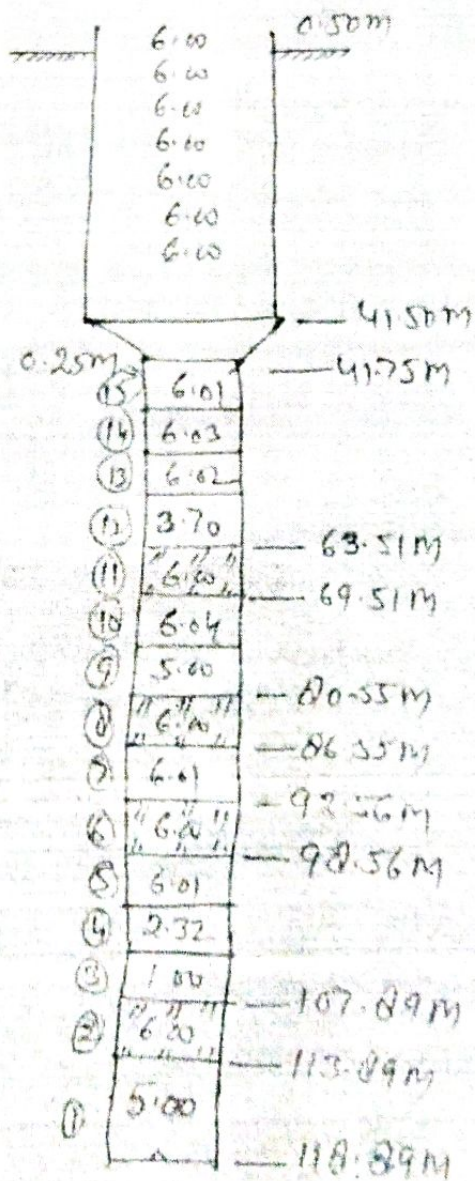
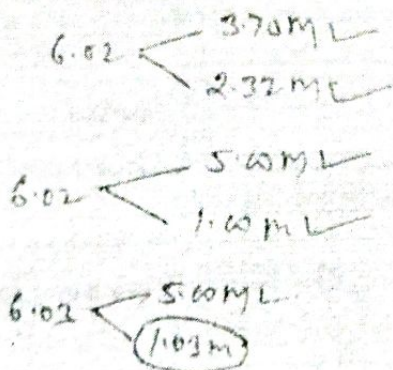
III.d - vishvaraj - Pilibhit

lowering of Baijnagar w/s scheme Drill - Pilibhit Block - Pannaipur / 130/120  
 T.W. size - 300x200 mm<sup>2</sup> Lowering rate - 10/16/23 discharge 1000 lpm

300mm <sup>2</sup> housing pipe	200mm <sup>2</sup> plain pipe	200mm <sup>2</sup> slot pipe
1-6.00	1-6.01 ✓	1-6.00 ✓
2-6.00	2-6.03 ✓	2-6.00 ✓
3-6.00	3-6.02 ✓	3-6.00 ✓
4-6.00	4-6.04 ✓	4-6.00 ✓
5-6.00	5-6.01 ✓	<u>24.00m</u>
6-6.00	6-6.01 ✓	
7-6.00	7-6.03 ✓	
7-6.00	8-6.02 ✓	
<u>42.00m</u>	9-6.02 ✓	
	<u>54.19m</u>	

Logging Report As:-

55m — 71m — M-Sand — 6.  
 79m — 88m — M-Sand — 6.  
 91m — 100m — M-Sand — 6.  
 106m — 122m — M-Sand — 6



300mm <sup>2</sup> housing pipe	— 42.00m
300x200mm <sup>2</sup> Reducer	— 0.25m
200mm <sup>2</sup> plain pipe	— 53.14m
200mm <sup>2</sup> slot pipe	— 24.00m
	<u>119.39m</u>
AGL (→)	0.50m
	<u>118.89m</u>



**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-I/II/M
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 564/ED/PHASE-3/2022-23/III
SCHEME NAME: BAJJU NAGAR
SCHEME ID: 20061479
BLOCK: PURANPUR
LOWERING DATE: 18-06-2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	53.14	200 mm
3	SLOTTED PIPES	24.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		53.14 M
200 mm	MM DIA SLOTTED PIPES		24.00 M
TOTAL DEPTH			119.39 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			118.89 M

**LOGGING REPOET AS-**

55 M	71 M	Medium sand
79 M	88 M	Medium sand
91 M	100 M	Medium sand
106 M	122 M	Medium sand



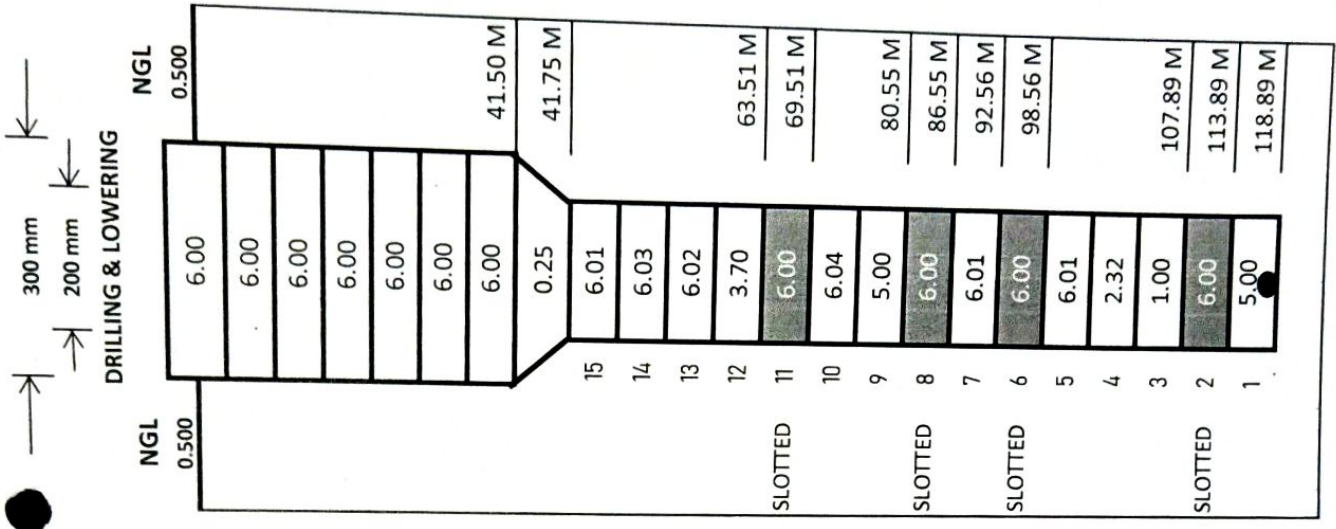
M/S BLG CONSTRUCTION

(TPI)

J.E.

(E&M U.P. JAL NIGAM RURAL)

*Handwritten signature*  
A.E.



E.E.

MORADABAD