

GSTIN : 09AEOPG8965L2ZJ



# GROUND WATER SURVEY CONSULTANCY

**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

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Ref No. ....

Date: 11.9.23

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency- Vishwananj Environment Pvt Ltd. Sector Developer  
 Village- Haraya, ext. Haras Block, Pataon  
 District- Rahat Logging Depth- 130 mt  
 Drilling Depth- 130 mt Water Level- 6 mt App.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0-5	Surface soil	
2	5-20	clay loam	
3	20-34	Medium Sand stone	Medium
4	34-42	clay loam	
5	42-54	Medium Sand	Medium
6	54-60	clay loam	
7	60-75	Medium Sand stone	Medium
8	75-80	clay loam	
9	80-102	Medium Sand	Medium
10	102-108	clay loam	
11	108-115	Medium Sand	Medium
12	115-120	clay loam	
13	120-125	Medium Sand	Medium
14	125-130	clay loam	
15			
16			
17			
18			
19			
20			
21			
22			
23			



Expected Water Bearing Zone

For Ground Water Survey Consultancy

Sand  
Geophysicist

**Specializations In**

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

42/54/24

III<sup>rd</sup> Phase

Lowering of Hanninga w/f Markishanpur 1013 scheme Distt - Pilibhit Block - Meerut  
 Pipe size - 200x150 mm HDPE casing Date - 12/7/23 discharge - 600 lpm / 130/120

200 mm HDPE casing pipe

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

42.00M

150 mm Plain Pipe

- 1 - 6.02
- 2 - 6.01
- 3 - 6.02
- 4 - 6.01
- 5 - 6.01
- 6 - 6.01
- 7 - 2.00
- 8 - 6.02
- 9 - 6.02
- 10 - 6.02
- 11 - 6.01
- 12 - 1.40

67.56 M

150 mm slotted pipe

- 1 - 6.02
- 2 - 6.02
- 3 - 6.02

18.06 M

3.00m  
3.00m

3.60m  
2.22m

Logging Report As:-

- 60m — 75m — M. Sand.
- 80m — 102m — M. Sand. — 15
- 108m — 115m — M. Sand. — 3

Plain Pipe

6.02 — 3.80m  
2.22m

slotted Pipe

6.00 — 3.00m  
3.00m

200 mm HDPE casing pipe — 42.00M

200x150 mm Reducer — 0.20M

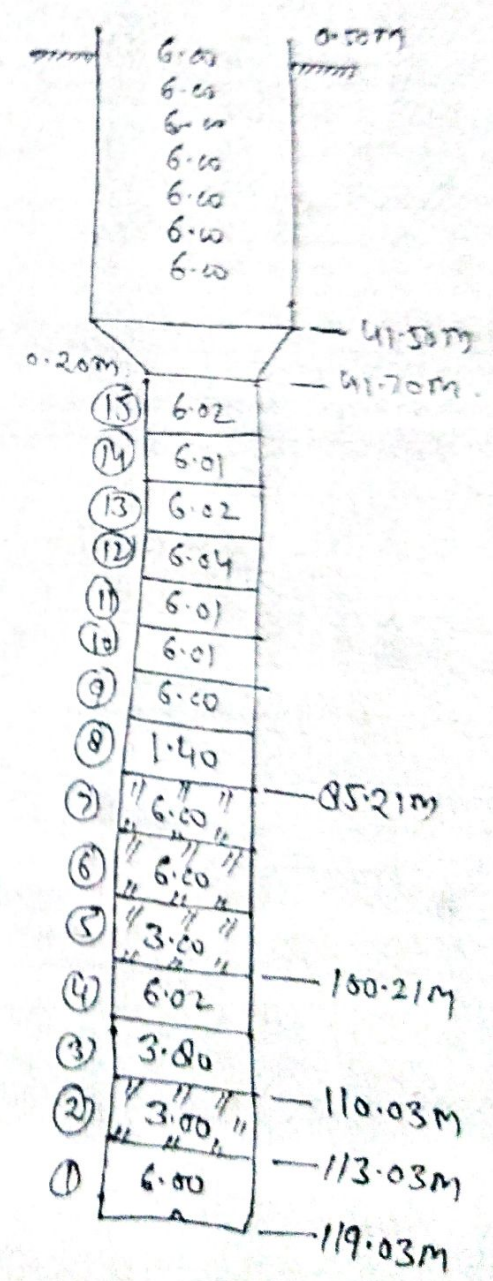
150 mm Plain Pipe — 59.33M

150 mm slotted Pipe — 18.06M

119.53M

AQL (-) 0.50M

119.03M



**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-II/III
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 762/ED/PHASE-III/2023-24/V
SCHEME NAME: HARAIYA URF HARKISHANPUR
LOA NO.: 762/ED/PHASE-III/2023-24/V-20096594
BLOCK: MARORI
LOWERING DATE: 12/9/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	200 mm
2	PLAIN PIPES	59.33	150 mm
3	SLOTTED PIPES	18.00	150 mm
200 mm	MM DIA PLAIN PIPES		42.00 M
200X150	MM DIA REDUCER		0.20 M
150 mm	MM DIA PLAIN PIPES		59.33 M
150 mm	MM DIA SLOTTED PIPES		18.00 M
TOTAL DEPTH			119.53 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			119.03 M

**LOGGING-REPOET AS-**

60 M	75 M	Medium sand
80 M	102 M	Medium sand
108 M	115 M	Fine to Medium sand



*Handwritten signature*

M/S BLG CONSTRUCTION (TPI)

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

