



# GROUND WATER SURVEY CONSULTANCY

Geologists, Geophysicists, Hydrogeologists, Environmental Engineers

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of No. ....

Date 25.8.23

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency- V.P.P. Vasthavya Environment Plus Gada Dist. Agra  
 Village- Mansoorpur, Firozabad Block- Mansoor  
 District- Rohtak Logging Depth- 150 mtr  
 Drilling Depth- 150 mtr Water Level- 3 mtr

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0-5	Surface Soil	
2	5-15	Fine Sand	
3	15-21	clay loam	
4	21-34	Fine Sand	
5	34-40	clay loam	
6	40-70	Medium Sand & clay	Medium
7	70-75	clay loam	
8	75-98	Medium Sand & clay	Medium
9	98-105	clay loam	
10	105-116	Medium Sand	Medium
11	116-121	clay loam	
12	121-130	Medium Sand	Medium
13	130-138	clay loam	
14	138-145	Fine to Med Sand & clay	Medium
15	145-150	clay loam	
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

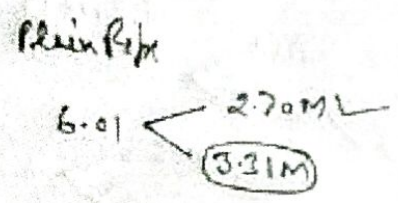
42/60/30

Lowering of Marawi multipl. discharge - Pilibhit Block - Marawi  
 TW Size - 240x150mm Discharge Date - 20/8/23 Discharge - 600 lpm 150/140

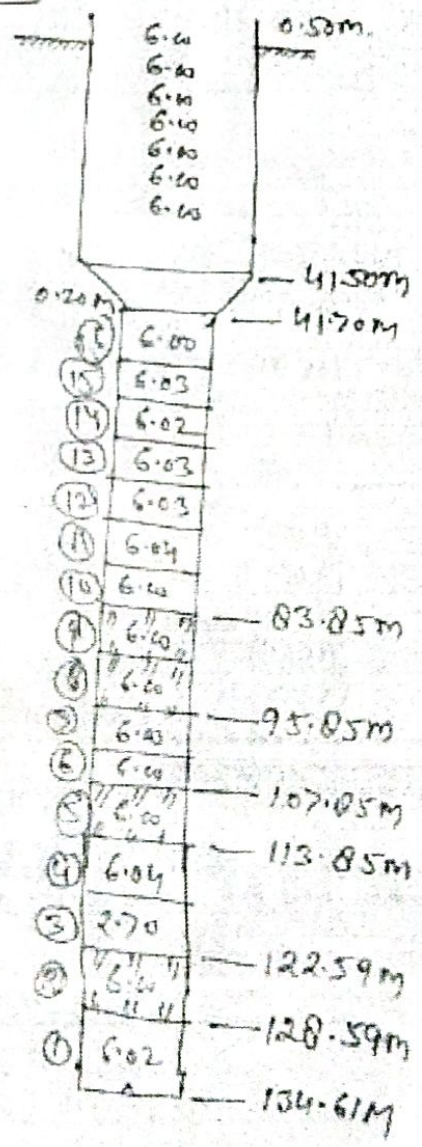
200mm Housing pipe	150mm Plain Pipe	150mm Slotted Pipe
1-6.0	1-6.02L	1-6.00L
2-6.0	2-6.03L	2-6.00L
3-6.0	3-6.02L	3-6.00L
4-6.0	4-6.03L	4-6.00L
5-6.0	5-6.03L	
6-6.0	6-6.04L	
7-6.0	7-6.04L	
	8-6.04L	
	9-6.02L	
	10-6.00L	
	11-6.01L	
	12-6.03L	
	13-6.00L	
<u>42.00M</u>	<u>78.25M</u>	<u>24.00M</u>

Logging Report As:-

- 40m — 70m — M. Sand
- 75m — 98m — M. Sand — 12.
- 105m — 116m — m. Sand — 6.
- 121m — 130m — m. Sand — 6.



200mm Housing pipe	42.00M
240x150mm Reducer	0.20M
150mm Plain Pipe	68.91M
150mm Slotted Pipe	24.00M
	<u>135.11M</u>
ALL	0.50M
	<u>134.61M</u>



**TUBEWELL ASSEMBLY CHART**

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-JIM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 563/ED/PHASE-III/2022-23/III
SCHEME NAME: MARORI MUSTQIL
LOA NO.: 563/ED/PHASE-III/2022-23/III-20096301
BLOCK: MARORI
LOWERING DATE: 26/08/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	200 mm
2	PLAIN PIPES	68.91	150 mm
3	SLOTTED PIPES	24.00	150 mm
200 mm			
MM DIA PLAIN PIPES			
42.00 M			
200X150			
MM DIA REDUCER			
0.20 M			
150 mm			
MM DIA PLAIN PIPES			
68.91 M			
150 mm			
MM DIA SLOTTED PIPES			
24.00 M			
TOTAL DEPTH			
135.11 M			
AGL			
-0.50 M			
TOTAL LOWERING DEPTH			
134.61 M			

**LOGGING REPOET AS-**

40 M	70 M	Medium sand
75 M	98 M	Medium sand
105 M	116 M	Medium sand
121 M	130 M	Medium sand

*Handwritten signature*



M/S BLG CONSTRUCTION  
(TPI)

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

