



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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**GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT**

## DETAIL OF WATER BEARING ZONES

Name Of Agency Usharveg Environment Pvt. Ltd. Electrical Associates Pr. U.  
 Village Musha, Ratanpur Block MATYAN  
 District R. A. B. A. S. Logging Depth 147 mt  
 Drilling Depth 150 mt Water Level 12 mt App

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 14	clay loam	
3	14 - 26	Medium Sand	Medium
4	26 - 39	clay loam	
5	39 - 44	Medium Sand	Medium
6	44 - 48	clay loam	
7	48 - 55	Medium Sand	Medium
8	55 - 60	clay loam	
9	60 - 71	Medium Sand	Medium
10	71 - 76	clay loam	
11	76 - 94	Medium Sand	Medium
12	94 - 104	clay loam	
13	104 - 115	Sandstone	Medium
14	115 - 119	clay	
15	119 - 135	Medium Sand	Medium
16	135 - 140	clay	
17	140 - 147	Sandstone	
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,  
 Ground Water Investigations



Drilling of Mundia Katarapur well scheme 0150 Pilibhit Block. Prantara  
 T.W size - 300x400mm lowering rate - 44/15 discharge - 8 val/cm 150/100

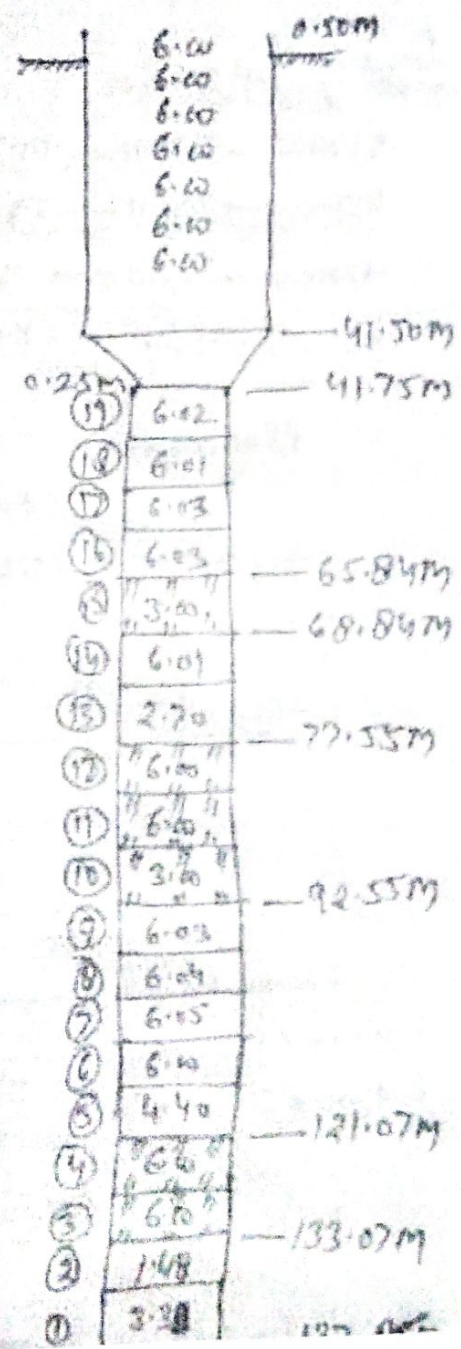
300mm lowering pipe	200mm plain pipe	200mm slotted pipe
1- 6.10	1- 6.02	1- 6.10
2- 6.10	2- 6.01	2- 6.02
3- 6.10	3- 6.03	3- 6.02
4- 6.10	4- 6.02	4- 6.02
5- 6.10	5- 6.10	5- 6.00
6- 6.10	6- 6.01	30.00M
7- 6.10	7- 5.88	
<u>42.00M</u>	8- 6.05	
	9- 6.10	
	10- 6.04	
	11- 6.03	
	<u>66.10M</u>	

Logging Report

48M — 55M — m. sand  
 60M — 71M — m. sand — 3.  
 76M — 94M — m. sand — 1.5M  
 119M — 135M — m. sand — 12

Plain Pipe  
 6.10 — 270ml  
 3.30ml  
 5.88 — 440ml  
 1.48ml  
 Slotted Pipe  
 6.10 — 30ml  
 3.10ml

300mm lowering pipe — 42.00M  
 30x200mm Reducer — 0.25M  
 200mm plain pipe — 66.10M  
 200mm slotted pipe — 30.00M  
138.35M  
 04.00 — 0.50M  
137.85M





**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: MUDIA RATANPURI  
 LOA NO.: 563/ED/PHASE-III/2022-23/III-20096292  
 BLOCK: MARORI

LOWERING DATE: 4/9/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	66.10	200 mm
3	SLOTTED PIPES	30.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		66.10 M
200 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			138.35 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			137.85 M

**LOGGING, REPOET AS-**

48 M	55 M	Medium sand
60 M	71 M	Medium sand
76 M	94 M	Medium sand
119 M	135 M	Medium sand

*Handwritten signature*

M/S BLG CONSTRUCTION  
(TPI)

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

