



# GROUND WATER SURVEY CONSULTANCY

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Ref No.....

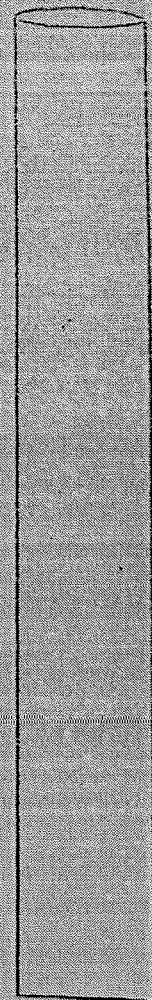
Date 19-05-2023

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONNES

Name Of Agency..... Vishwaraaj Environment & Earth DevelopersVillage..... Aimmatnagar Block..... ManaujiDistrict..... Filkhata Logging Depth..... 150 mtrDrilling Depth..... 150 mtr Water Level..... 5 mtr

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 8	Surface Soil	
2	8 - 11	Fine Sand	
3	11 - 16	clay	
4	16 - 20	Fine sand	Good
5	20 - 25	clay Kankar	
6	25 - 28	Fine to med. Sand	Good
7	28 - 31	clay Kankar	
8	31 - 38	Fine Sand	Good
9	38 - 50*	clay Kankar	
10	50 - 58	Fine to med Sand	Good
11	58 - 90*	clay Kankar	
12	90 - 93	medium Sand & Kankar	Good
13	93 - 96	clay Kankar	
14	96 - 102	Fine Sand	Good
15	102 - 111*	clay Kankar	
16	111 - 117	Fine to med. Sand	Good
17	117 - 135*	clay Kankar	
18	135 - 138	medium Sand	Good
19	138 - 150*	Kankar	
20		medium Sand	Good
21			
22			
23			



\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*VE*  
*SP*

Geophysicist

### Specializations In

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

Lowering of Mimmatt Nagar w/s scheme diff - Pilibhit Block - Marauvi  
 T.W. Size - 300x200mm Lowering rate - 2015/23 discharge 1200 lpm / 150/140

300mm 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

200mm plain pipe

- 1- 6.02L
- 2- 6.02L
- 3- 6.01L
- 4- 6.02L
- 5- 6.01L
- 6- 6.02L
- 7- 6.03L
- 8- 6.01L
- 9- 6.03L
- 10- 6.03L
- 11- 6.00L
- 12- 6.02L

4.50M

1.50M

200mm slotted pipe

- 1- 6.00L
- 2- 6.00L
- 3- 6.00L
- 4- 6.00L
- 5- 6.00L

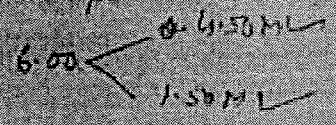
30.00M

Logging Report As

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58m — 90m — M. Sand. — 18.  
 102m — 117m — Fine DM Sand  
 117m — 135m — M. Sand. — 12.

Plain Pipe

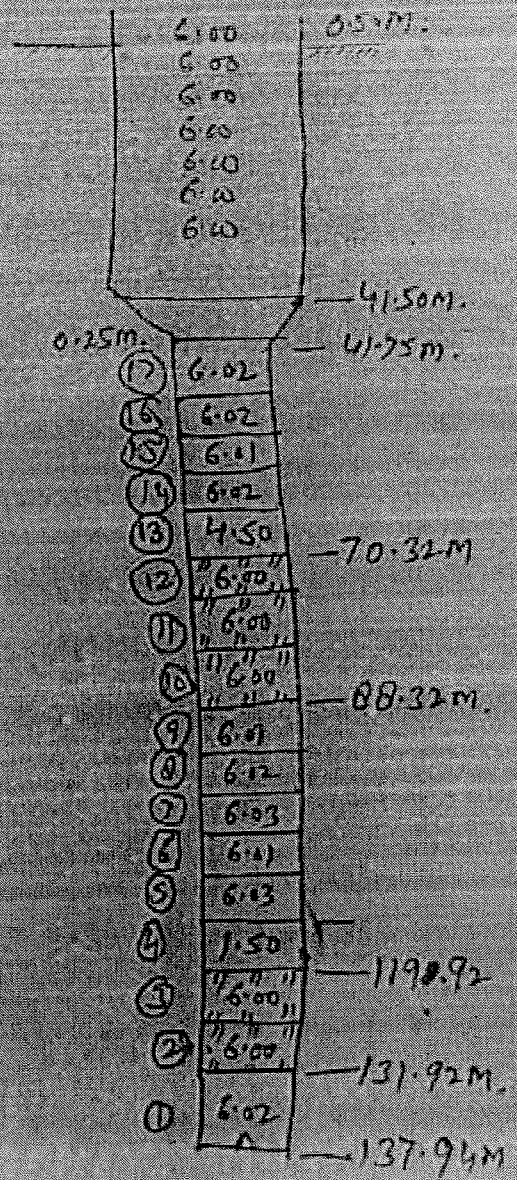


- 300mm casing pipe — 42.00M
- 300x200mm Reducer — 0.25M
- 200mm plain pipe — 66.19M
- 200mm slotted pipe — 30.00M

138.44M

AGL - 0.50M

137.94M



**TUBEWELL ASSEMBLY CHART**

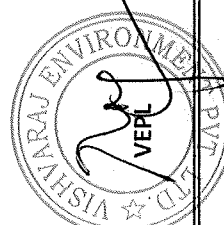
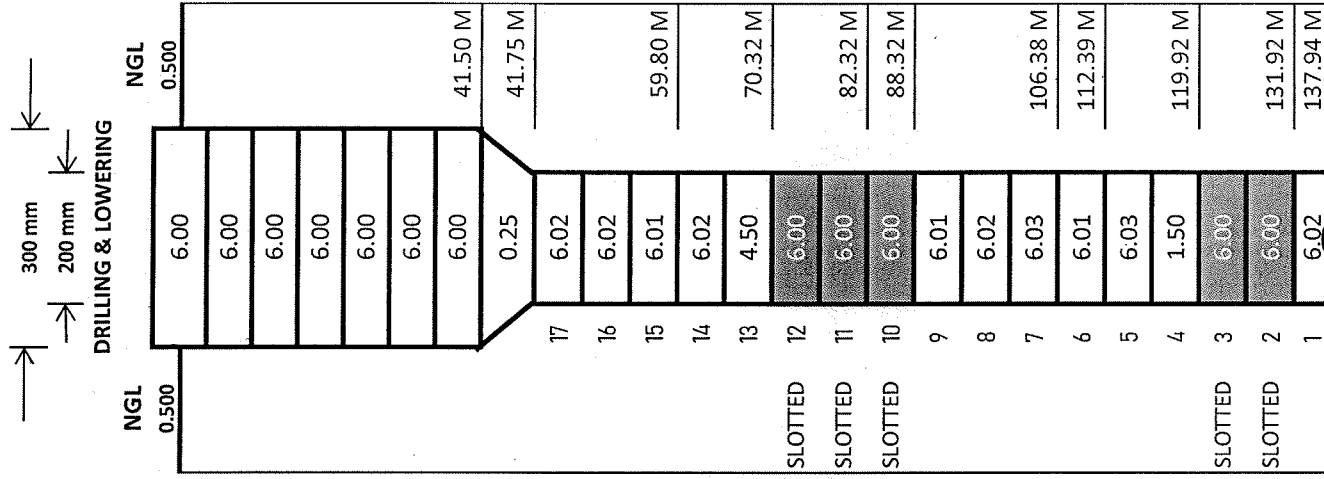
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SW/SM-5/JM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 762/ED/PHASE-III/2023-24/V
SCHEME NAME: HIMMAT NAGAR
LOA NO.: 762/ED/PHASE-III/2023-24/V-
BLOCK: MARORI
LOWERING DATE: 5/20/2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	66.19	200 mm
3	SLOTTED PIPES	30.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
800X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		66.19 M
200 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			138.44 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			137.94 M

**LOGGING REPOET AS-**

58 M	90 M	Medium sand
102 M	111 M	Fine & Medium sand
117 M	135 M	Medium sand



M/S BLG CONSTRUCTION  
(TPI)

J.E.   
A.E.

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