



# GROUND WATER SURVEY CONSULTANCY

**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

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Ref No. ....

Date 05-06-2023

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT DETAIL OF WATER BEARING ZONES

Name Of Agency..... Ushwani Environment Ltd. Pal Power  
 Village..... Pandri, Manauri Block..... Bileonda  
 District..... Palibhat Logging Depth..... 150 mtr.  
 Drilling Depth..... 150 mtr. Water Level..... 9 mtr.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 11	Fine Sand	
3	11 - 15	clay Kankar	
4	15 - 33	Fine to med. Sand	Good
5	33 - 37	clay Kankar	
6	37 - 60*	medium Sand	Good
7	60 - 92	clay Kankar	
8	92 - 104*	medium Sand	Good
9	109 - 120	clay Kankar	
10	120 - 141*	medium Sand & Kk.	Good
11	141 - 145	clay Kankar	
12	145 - 150*	Fine to med. Sand	Good
13			
14			
15			
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.

Third-Phase Pits

Location of Landmark on WPC Scheme Dist. Pitshhit Block Bileranda / 15/1/14

TW size - 300x200 mm Lining Date - 08/6/23 discharge - 650 lpm

300mm Lining 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

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

72.26M

200mm Slotted Pipe

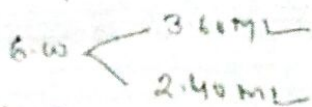
- 1-6.00
- 2-6.00
- 3-6.00
- 4-6.00

24.00M

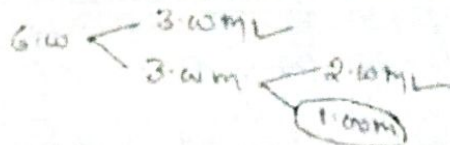
Logging Report As:

- 37m — 6.0m — m.sand
- 92m — 10.9m — m.sand — 12+2
- 120m — 14.1m — m.sand — 6+3

Plain Pipe



Slotted Pipe



300mm Lining Pipe — 42.00M

300x200mm Reducer — 0.25M

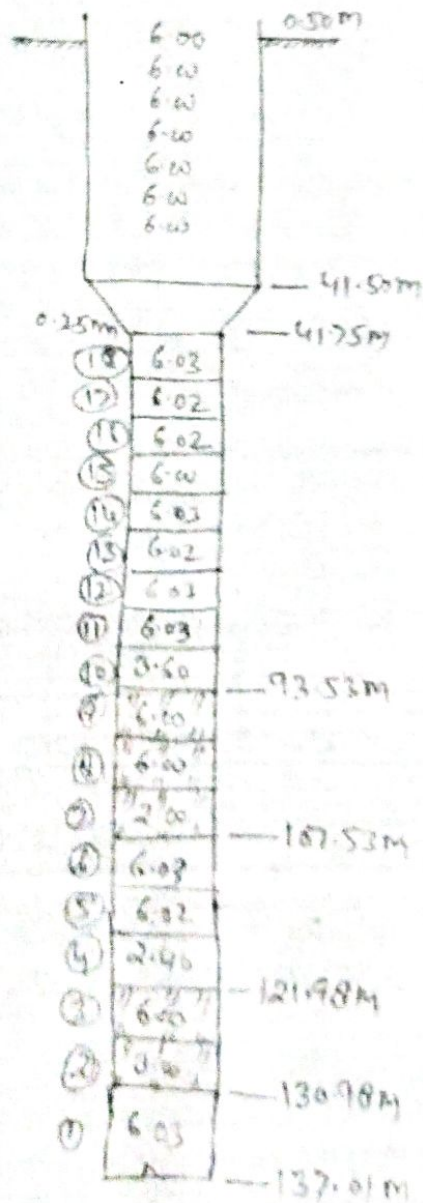
200mm Plain Pipe — 72.26M

200mm Slotted Pipe — 24.00M

137.51M

Red. (-) 0.50M

137.01M



**TUBEWELL ASSEMBLY CHART**

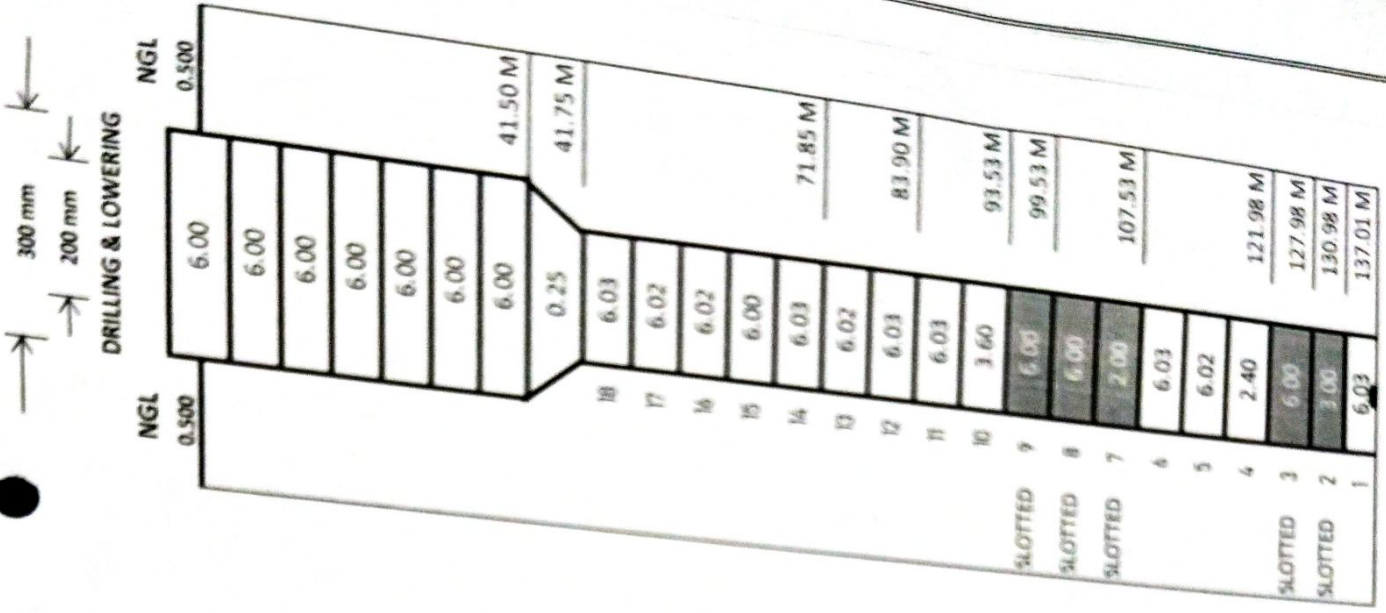
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-JJM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 252/ED/PHASE-3/2022-23/II
SCHEME NAME: PANDARI MARORI
SCHEME ID: 2053384
BLOCK: BILSANDA
LOWERING DATE: 08-06-2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	72.26	200 mm
3	SLOTTED PIPES	23.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		72.26 M
200 mm	MM DIA SLOTTED PIPES		23.00 M
TOTAL DEPTH			137.51 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			137.01 M

**LOGGING REPORT AS-**

37 M	60 M	Medium sand
92 M	109 M	Medium sand
120 M	141 M	Medium sand



*Handwritten signature*

M/S B/G CONSTRUCTION (IPI)

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

E.E.

MORADABAD