



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date 19-06-2023

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

Name Of Agency..... Vishwakarma Environment Pvt. Ltd. Bahaji, Bareilly  
Village..... Tanda, Chhatrapati Block..... Purampur  
District..... Pilibhit Logging Depth..... 124 mtr.  
Drilling Depth..... 130 mtr. Water Level..... 8 mtr.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 15	Fine Sand	
3	15 - 35	clay Kankar	
4	35 - 55*	medium Sand	Good
5	55 - 64	clay Kankar	
6	64 - 80*	medium Sand & Kankar	Good
7	80 - 86	clay Kankar	
8	86 - 92*	Fine to med. Sand	Good
9	92 - 95	clay Kankar	
10	95 - 115*	medium Sand	Good
11	115 - 124	clay Kankar	
12			
13			
14			
15			
16			
17			
18			
19			

\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*V. S. Sr.*  
Geophysicist

### Specializations In

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

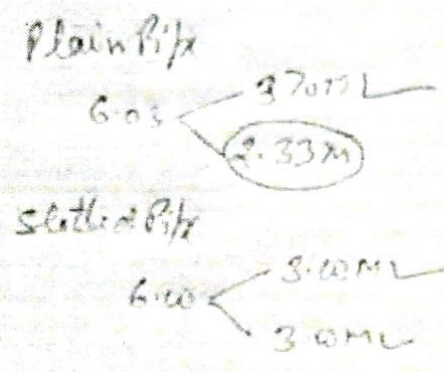


1157 - Phase - Vishu  
 Boring of Taka chhalapali in seaboard Dist. Fishery Block - Coimbatore  
 TWS: 200mm housing pipe - 10/1/93 discharge - 950 l/min

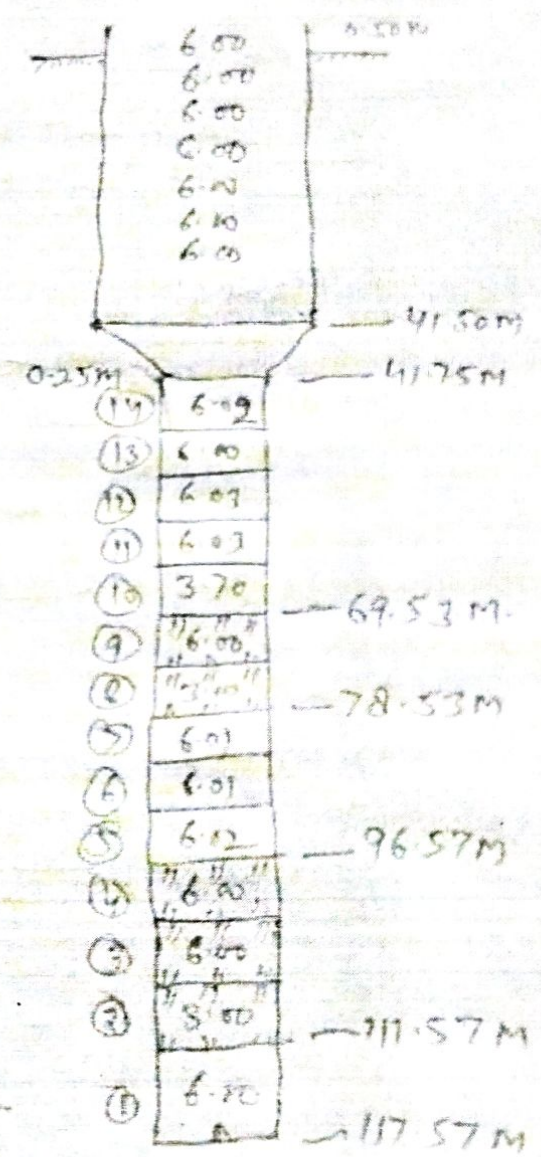
300mm housing pipe	200mm Plain Pipe	200mm Slotted Pipe
1-6.00	1-6.00	1-6.00
2-6.00	2-6.00	2-6.00
3-6.00	3-6.00	3-6.00
4-6.00	4-6.00	4-6.00
5-6.00	5-6.00	5-6.00
6-6.00	6-6.00	6-6.00
7-6.00	7-6.00	7-6.00
<u>42.00 M</u>	<u>42.00 M</u>	<u>42.00 M</u>

Logging Report etc.

64 — 80M — M. Sand — 6+3  
 66 — 92M — f. m. Sand — 8  
 95 — 115M — M. Sand — 15



300mm housing pipe	42.00 M
300x200mm Reducer	0.25 M
200mm Plain Pipe	51.82 M
200mm Slotted Pipe	24.60 M
	<u>118.67 M</u>
AGI (-)	0.50 M
	<u>117.57 M</u>





**TUBEWELL ASSEMBLY CHART**

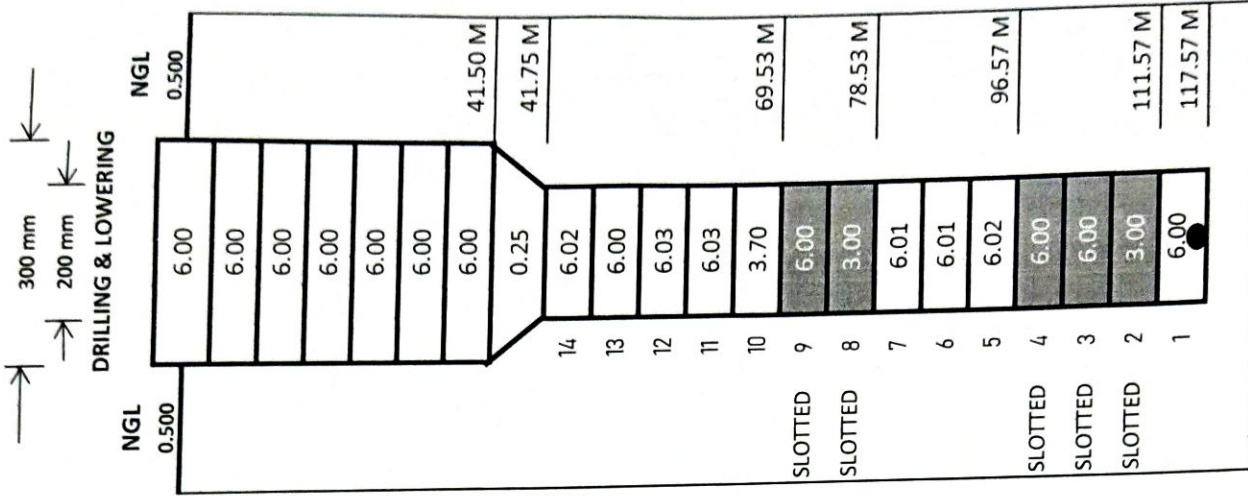
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-JJM  
 EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD  
 COVER AGREEMENT No.: 762/ED/PHASE-3/2023-24/V  
 SCHEME NAME: TANDA CHHATRAPATI  
 SCHEME ID: 20096589  
 BLOCK: PURANPUR  
 LOWERING DATE: 19-06-2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	51.82	200 mm
3	SLOTTED PIPES	24.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.25 M
200 mm	MM DIA PLAIN PIPES		51.82 M
200 mm	MM DIA SLOTTED PIPES		24.00 M
TOTAL DEPTH			118.07 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			117.57 M

**LOGGING REPOET AS-**

64 M	80 M	Medium sand
86 M	92 M	Medium sand
95 M	115 M	Medium sand



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M/S BLG CONSTRUCTION (TPI)

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

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A.E. MORADABAD

E.E.