

GSTIN : 09AEOPG8965L2ZJ



# GROUND WATER SURVEY CONSULTANCY

**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

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Ref No \_\_\_\_\_

Date 25.2.23

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency... Atal Power Infra VEPL  
 Village... Marayampur I Chunchi Block... Aranpur  
 District... Pilbhit Logging Depth... 150 mt  
 Drilling Depth... 150 mt Water Level... 6 mt

S No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 10	Fine Sand	
3	10 - 12	clay	
4	12 - 22	medium Sand	Medium
5	22 - 35	clay	
6	35 - 50	Medium Sand	Medium
7	50 - 55	clay	
8	55 - 61	Medium Sand	Medium
9	61 - 66	clay	
10	66 - 82	Medium Sand	Medium
11	82 - 84	clay	
12	84 - 94	Medium Sand	Medium
13	94 - 107	clay	
14	107 - 115	Medium Sand	Medium
15	115 - 127	clay	
16	127 - 140	Medium Sand	Medium
17	140 - 145	clay	
18	145 - 150	Sandy clay	
19			
20			
21			
22			
23			



Expected Water Bearing Zone

For Ground Water Survey Consultancy

Geophysicist

**Specializations In**

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

Survey of Mangrove for T. Chughachar Meschmo Dill Pillbit  
 Black Poon for Turage 200x150mm lowering date 20/12/03 discharge 50lpm

200mm lowering pipe

- 1- 6.01
- 2- 6.02
- 3- 6.04
- 4- 6.04
- 5- 6.05
- 6- 6.05
- 7- 6.05

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- 42.26m

150mm Plain Pipe

- 1- 6.01
- 2- 5.99
- 3- 6.02
- 4- 6.02
- 5- 6.02
- 6- 6.01
- 7- 6.02
- 8- 6.01
- 9- 6.02
- 10- 6.01
- 11- 6.00
- 12- 6.01
- 13- 6.01

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- 78.07m

150mm Slotted Pipe

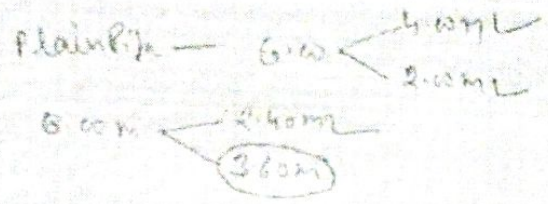
- 1- 6.01
- 2- 6.02
- 3- 6.02
- 4- 6.02

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- 24.07m

Logging Report

- 61m — 80m — M Sand — 6
- 84m — 94m — M Sand — 6
- 107m — 115m — M Sand — 6
- 127m — 128m — M Sand — 6



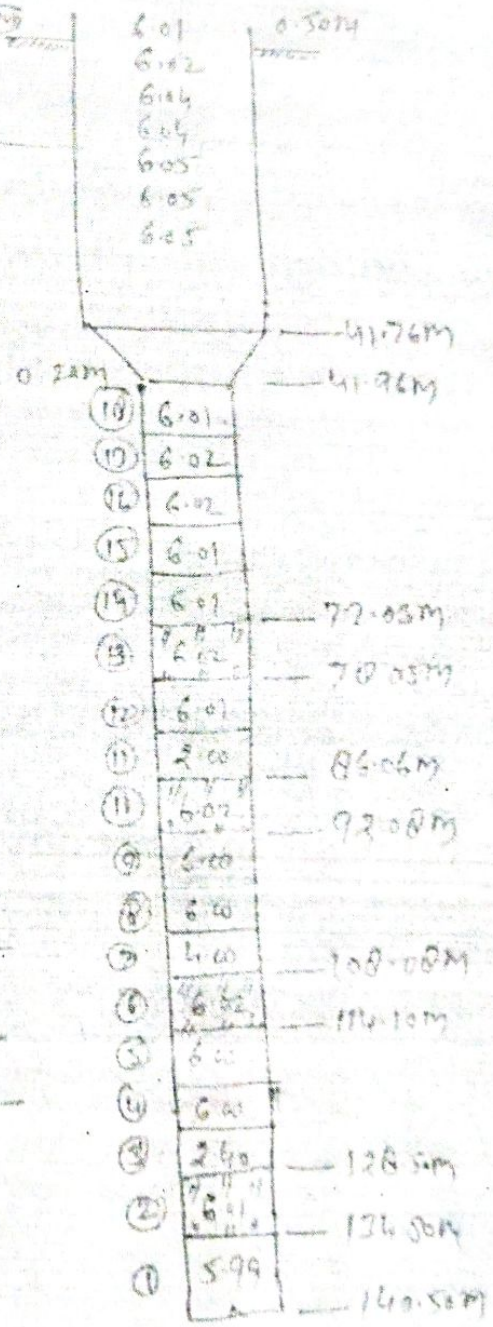
- 200mm lowering pipe — 42.26m
- 200x150mm Reducer — 0.20m
- 150mm Plain Pipe — 78.07m
- 150mm Slotted Pipe — 24.07m

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- 144.60m
- Abd — 10.50m

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- 140.50m



**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: NARAYANPUR T. GHUNGHCHAI
SCHEME ID: 20053266
BLOCK: PURANPUR
LOWERING DATE: 26-02-2023

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.26	200 mm
2	PLAIN PIPES	74.47	150 mm
3	SLOTTED PIPES	24.07	150 mm
200 mm	MM DIA PLAIN PIPES		42.26 M
200X150	MM DIA REDUCER		0.20 M
150 mm	MM DIA PLAIN PIPES		74.47 M
150 mm	MM DIA SLOTTED PIPES		24.07 M
TOTAL DEPTH			141.00 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			140.50 M

**LOGGING REPOET AS-**

66 M	80 M	Medium sand
84 M	94 M	Medium sand
107 M	115 M	Medium sand
127 M	140 M	Medium sand



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M/S BLG CONSTRUCTION  
(TPI)

J.E.

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

A.E.

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E.E.

MORADABAD

