

GSTIN : 09AEOPG8965L2ZJ



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No.....

Date 5.9.23

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency - Ve shavre, Firozabad, U.P. Veer Complete Solution

Village - Bathura Kalan Block - M.S. Nagar

District - Pilibhat Logging Depth - 150 mtr

Drilling Depth - 150 mtr Water Level - 60 mtr BTL

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 19	clay loam	
3	19 - 32	Medium Sand	Medium
4	32 - 40	clay loam	
5	40 - 46	Medium Sand	Medium
6	46 - 55	clay loam	
7	55 - 64	Medium Sand	Medium
8	64 - 78	clay loam	
9	78 - 89	Medium Sand	Medium
10	89 - 93	clay loam	
11	93 - 99	Medium Sand	Medium
12	99 - 104	clay loam	
13	104 - 105	fine sand	Medium
14	105 - 111	clay loam	
15	111 - 145	Medium Sand	Medium
16	145 - 150	clay loam	
17			
18			
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

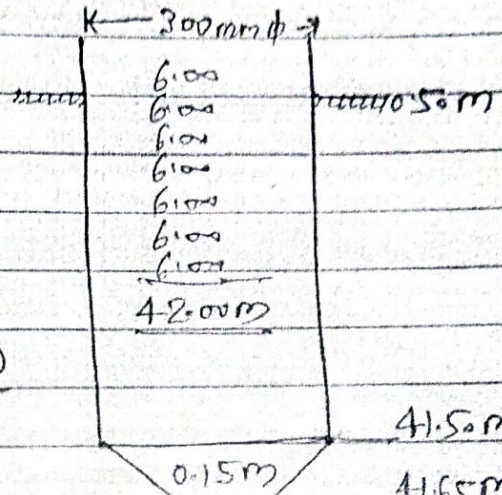
Bithaura Kalan G.P. WSS Under JIM Programme
Block - Marosi Distt - Pilibhit

D - 150m (600 x 500) mmφ
 L - 140m (300 x 200) mmφ

DL-06/09/23
 Discharge - 1260 LPM
 Motor - 13 KW (17.5 HP)

Strata As per Loggers -

- 55 - 64 m - Medium Sand
- 78 - 89 m - Medium Sand
- 93 - 99 m - Medium Sand
- 111 - 145 m - Medium Sand



300 mmφ (HP) 200 mmφ (PF) 200 mmφ (SP)

6.00	6.00	6.00			41.50m
6.00	6.00	6.00			
6.00	3.00	6.00			
6.00	6.00	2.00			
6.00	6.00	6.00	6.00	19	
6.00	5.00	6.00	6.00	18	
6.00	6.00	6.00	3.00	17 (Ch)	56.65m
<u>42.00m</u>	6.00	4.00	6.00	16 (Ch)	62.65m
	6.00		6.00	15 (Ch)	
	1.00	36.00m	6.00	14	
	<u>6.00</u>		6.00	13 (Ch)	79.65m
	63.00m		6.00	12 (Ch)	
			2.00	11 (Ch)	87.65m
			6.00	10 (Ch)	
			6.00	9	
			6.00	8	
			6.00	7	
			1.00	6 (Ch)	112.65m
			6.00	5 (Ch)	
			6.00	4 (Ch)	
			6.00	3 (Ch)	
			4.00	2 (Ch)	134.65m
			6.00	1 (Ch)	140.15m

300 mmφ (HP) = 42.00m
 200 mmφ (PF) = 63.00m
 200 mmφ (SP) = 36.00m
 (300x200) mmφ bed = 0.15m
Total = 141.15m

A.G.L = 0.50m
 B.G.L = 140.65m
Total = 141.15m

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TUBEWELL ASSEMBLY CHART

PROJECT: RURAL WATER SUPPLY SCHEME UNDER SVSM:JIM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 1564/ED/PHASE-3/2022-23/IV
SCHEME NAME: BITHAURA KALAN
LOA NO.: 1564/ED/PHASE-3/2022-23/IV-20060822
BLOCK: MARORI
LOWERING DATE: 6/9/2023

LIST OF TUBE WELL ASSEMBLY UNITS

SR. NO.	DESCRIPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	63.00	200 mm
3	SLOTTED PIPES	36.00	200 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X200	MM DIA REDUCER		0.15 M
200 mm	MM DIA PLAIN PIPES		63.00 M
200 mm	MM DIA SLOTTED PIPES		36.00 M
TOTAL DEPTH			141.15 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			140.65 M

LOGGING REPOET AS-

55 M	64 M	Medium sand
78 M	89 M	Medium sand
93 M	99 M	Medium sand
111 M	145 M	Medium sand

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M/S BLG CONSTRUCTION (TPI)

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

