

TUBEWELL ASSEMBLY CHART

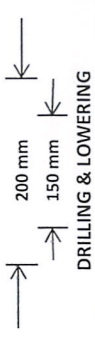
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-JIM
 EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
 COVER AGREEMENT No.: 988/ED/PHASE-3/2023-24/VI-
 SCHEME NAME: RANA PRATAP NAGAR
 LOA NO.: 988/ED/PHASE-3/2023-24/VI-20096752
 BLOCK: PURANPUR
 LOWERING DATE: 13/02/2024

LIST OF TUBE WELL ASSEMBLY UNITS

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	200 mm
2	PLAIN PIPES	66.00	150 mm
3	SLOTTED PIPES	30.00	150 mm
200 mm	MM DIA PLAIN PIPES		42.00 M
200X150	MM DIA REDUCER		0.15 M
150 mm	MM DIA PLAIN PIPES		66.00 M
150 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			138.15 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			137.65 M

LOGGING REPOET AS-

45 M	70 M	Medium sand
93 M	110 M	Medium sand
115 M	140 M	Medium sand



AGL	0.500		
	6.00		41.50 M
	6.00		41.65 M
	6.00		
	6.00		
	6.00		
	6.00		
	0.15		
	6.00	17	
	6.00	16	
	6.00	15	
	2.00	14	61.65 M
SLOTTED	6.00	13	67.65 M
	6.00	12	
	6.00	11	
	6.00	10	
	6.00	9	
	4.00	8	95.65 M
SLOTTED	6.00	7	
SLOTTED	6.00	6	107.65 M
	6.00	5	
	6.00	4	119.65 M
SLOTTED	6.00	3	
SLOTTED	6.00	2	131.65 M
	6.00	1	137.65 M



for [Signature]

M/S BLG CONSTRUCTION (TPI)

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



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

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Ref No... B-3068

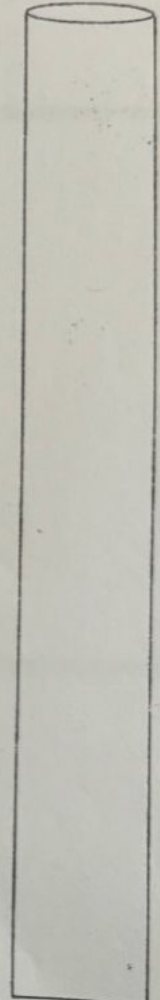
Date... 12/02/2024

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency... Vishwakarma Environment Atal Power
 Village... Rana Pratap Nagar Block... Puranpur
 District... Aligarh Logging Depth... 150 mtr.
 Drilling Depth... 150 mtr. Water Level... 3 mtr.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 10	clay Konkaz	
3	10 - 20	Fine to med. Sand	medium
4	20 - 45	clay Konkaz	
5	45 - 70*	medium Sand	medium
6	70 - 76	clay Konkaz	
7	76 - 80	Fine Sand	medium
8	80 - 85	clay Konkaz	
9	85 - 88	Fine Sand	medium
10	88 - 93	clay Konkaz	
11	93 - 110*	medium Sand	medium
12	110 - 115	clay Konkaz	
13	115 - 140*	medium Sand	medium
14	140 - 150	clay Konkaz	
15			
16			
17			
18			
19			
20			
21			
22			
23			



* Expected Water Bearing Zone

For Ground Water Survey Consultancy

VK
pt
Geophysicist

Specializations In

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

Rana Pratap Nagar & other G.P. wss Under JIM Programme

Block - Pusanpur Distt - Pilibhit

DI-13/02/2024

Discharge - 600 LPM

Motor - 9.30 HP

- D - 150m (500x500)mmφ (100+50)
- L - 140m (200x150)mmφ (42+68+30)

Strata As Per Loggs -

- 45 - 70m - medium Sand
- 93 - 110m - medium Sand
- 115 - 140m - medium Sand

200mmφ (HP)	150mmφ (PP)	150mmφ (SP)
6.00	6.00	6.00
6.00	6.00	6.00
6.00	2.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	4.00	
6.00	6.00	<u>30.00m</u>
<u>42.00m</u>	<u>66.00m</u>	

200mmφ (HP) = 42.00m

150mmφ (PP) = 66.00m

150mmφ (SP) = 30.00m

(200x150)mmφ Red = 0.15m

Total = 138.15m

A.G.L = 0.50m

B.G.L = 137.65m

Total = 138.15m

