

**TUBEWELL ASSEMBLY CHART**

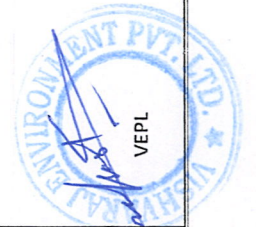
PROJECT: RURAL WATER SUPPLY SCHEME UNDER SWSM-IJM
EPC CONTRACTOR: VISHVARAJ ENVIRONMENT PVT LTD
COVER AGREEMENT No.: 563/ED/PHASE-III/2022-23/III-
SCHEME NAME: DHAKA, J PURANPUR
LOA NO.: 563/ED/PHASE-III/2022-23/III-20096332
BLOCK: PURANPUR
LOWERING DATE: 16/03/2024

**LIST OF TUBE WELL ASSEMBLY UNITS**

SR. NO.	DISCRPTION	QTY. (M)	DIAMETER
1	PLAIN PIPES	42.00	300 mm
2	PLAIN PIPES	63.80	150 mm
3	SLOTTED PIPES	30.00	150 mm
300 mm	MM DIA PLAIN PIPES		42.00 M
300X150	MM DIA REDUCER		0.15 M
150 mm	MM DIA PLAIN PIPES		63.80 M
150 mm	MM DIA SLOTTED PIPES		30.00 M
TOTAL DEPTH			135.95 M
AGL			-0.50 M
TOTAL LOWERING DEPTH			135.45 M

**LOGGING REPOET AS-**

56 M	72 M	Medium sand
80 M	90 M	Medium sand
100 M	108 M	Fine to Medium sand
114 M	135 M	Medium sand



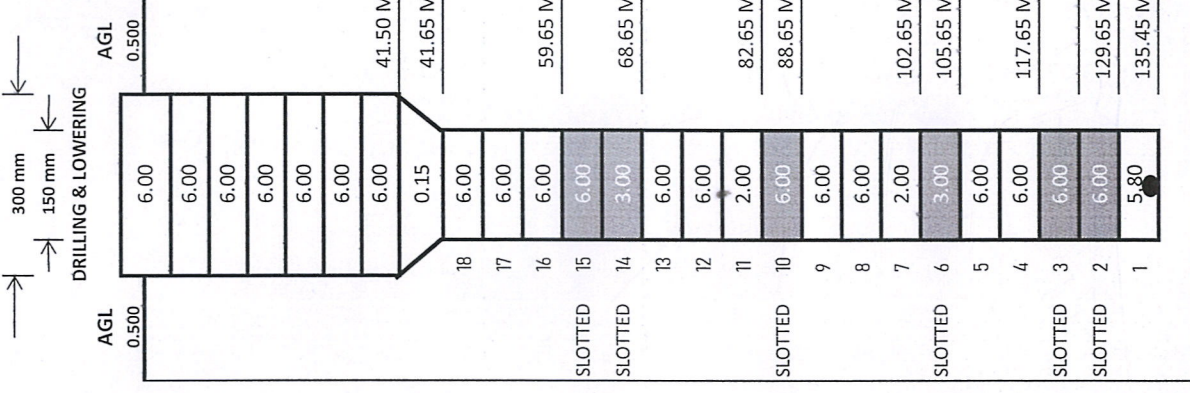
VEPL

M/S BLG CONSTRUCTION

(TPI)

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

A.E.



300 mm  
150 mm  
DRILLING & LOWERING

AGL 0.500

AGL 135.45 M



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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

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Ref No.....

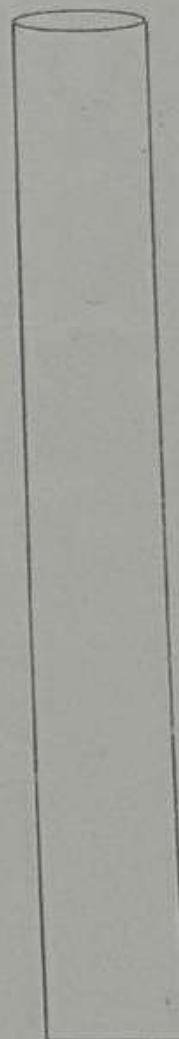
Date..16/03/2024.....

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency.....Vishwarya Environment.....Neeta Developers.....  
 Village.....Dhaka V. Puzampur..... Block.....Puzampur.....  
 District.....Lalitpur..... Logging Depth.....146 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 - 20	Fine to med. Sand	
3	20 - 26	clay Kankar	
4	26 - 45	medium Sand	medium
5	45 - 56	clay Kankar	
6	56 - 72*	medium Sand	medium
7	72 - 80	clay Kankar	
8	80 - 90*	medium Sand	medium
9	90 - 100	clay Kankar	
10	100 - 108*	Fine to med. Sand	medium
11	108 - 114	clay Kankar	
12	114 - 135*	medium Sand/stone	medium
13	135 - 146	clay Kankar	
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			



\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*VK*  
*PS*  
 Geophysicist

### Specializations In

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

Date - 16 / 03 / 2024

Dhaka J. Puxanpus G.P wss

Block - Puxanpus Distt - Pilibhit.

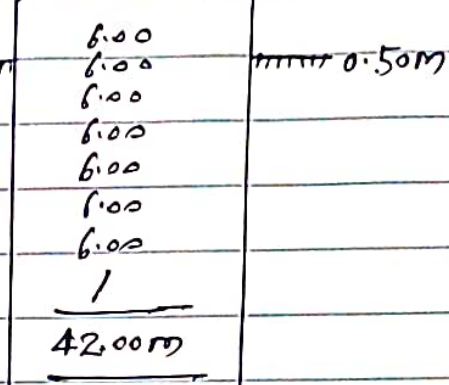
Discharge - 700 L/m, Head - 35.20 mts.

Motos - 9.30 KW

D - 1.50 m (600 x 500) mmφ, (48 + 52 + 50)

L - 140 m (300 x 150) mmφ, (42 + 62 + 36)

← 300 mmφ →



Strata As Per Logges -

56 - 72 m - medium Sand

80 - 90 m - medium Sand

100 - 108 m - fine to med Sand

114 - 135 m - medium Sand

300 mmφ (H.P.) 150 mmφ (P.P.) 150 mmφ (S.P.)

6.00	6.00	6.00	6.00	18	
6.00	6.00	3.00	6.00	17	
6.00	6.00	6.00	6.00	16	59.65 m
6.00	2.00	3.00	6.00	15	
6.00	6.00	6.00	3.00	14	68.65 m
6.00	6.00	6.00	6.00	13	
6.00	6.00	3.00	6.00	12	
6.00	2.00	6.00	6.00	11	82.65 m
6.00	6.00	6.00	2.00	10	
42.00 m	2.00	1	6.00	9	88.65 m
	6.00	30.00 m	6.00	8	
	5.80		6.00	7	
	13.80 m		2.00	6	102.65 m
			3.00	5	105.65 m

300 mmφ (H.P.) = 42.00 m

150 mmφ (P.P.) = 13.80 m

150 mmφ (S.P.) = 30.00 m

(300 x 150) mmφ Red = 0.15 m

Total = 135.95 m

A.G.L = 0.50 m

B.G.L = 135.45 m

Total = 135.95 m

← 150 mmφ →