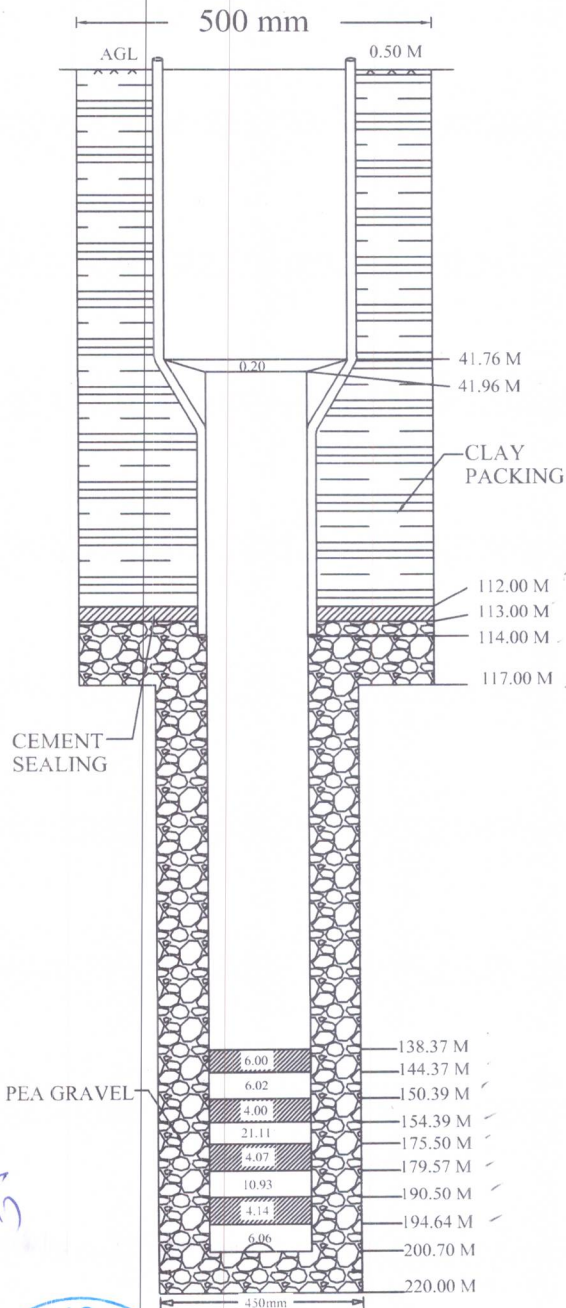


ACTUAL T.W. ASSEMBLY CHART OF GANGAPUR UPPCL W/S SCHEME BAHRAICH

UNDER JAL JEEVAN MISSION : (BLOCK - NAWABGANJ)



Bore size - 500 mm X 450 mm
 T.W. Assy - 200 mm X 150 mm
 Discharge - 150 LPM / 35 M
 Lowering date - 22-02-2024

Logging Report :(19-02-2024)

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 38	33	Clay kankar	
3.	38 - 50	12	Medium sand	Good
4.	50 - 67	17	Clay kankar	
5.	67 - 81*	14	Medium sand	Good
6.	81 - 86	5	Clay kankar	
7.	86 - 105*	19	Medium sand & kankar	Good
8.	105 - 114	9	Clay kankar	
9.	114 - 116	2	Fine sand	Good
10.	116 - 130	14	Clay kankar	
11.	130 - 135*	5	Medium sand	Good
12.	135 - 138	3	Clay kankar	
13.	138 - 145*	7	Medium sand	Good
14.	145 - 150	5	Clay kankar	
15.	150 - 155*	5	Medium sand	Good
16.	155 - 174	19	Clay kankar	
17.	174 - 180*	6	Medium sand	Good
18.	180 - 190	10	Clay kankar	
19.	190 - 195*	5	Medium sand	Good
20.	195 - 220	25	Clay kankar	

PIPE DETAIL

HOUSHING PIPE = 42.26 M
 PLAIN PIPE = 140.53 M
 SLOT PIPE = 18.21 M

Total = 200.70 + 0.50 (AGL)
 = 201.20 M



[Signature]
 JUNIOR ENGINEER

ASSISTANT ENGINEER

EXECUTIVE ENGINEER

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GANGAPUR, BLOCK- NAWABGANJ, DISTT- BAHRAICH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 225 mtrs. depth. and Logged depth 220 mtrs. at above site. Was drilled by M/s PNC Infra tech Limited, Bahraich.

On the request of M/s PNC Infra tech Limited, Bahraich. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 19.Feb.2024.

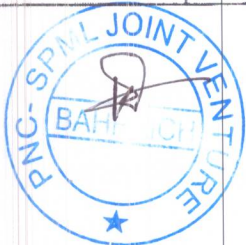
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 14.68 Ohms.

Drilling Water Resistivity = 11.72 Ohms.

Approx Water Level = 12 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 38	33	Clay kankar	
3.	38 - 50	12	Medium sand	Good
4.	50 - 67	17	Clay kankar	
5.	67 - 81*	14	Medium sand	Good
6.	81 - 86	5	Clay kankar	
7.	86 - 105*	19	Medium sand & kankar	Good
8.	105 - 114	9	Clay kankar	
9.	114 - 116	2	Fine sand	Good
10.	116 - 130	14	Clay kankar	
11.	130 - 135*	5	Medium sand	Good
12.	135 - 138	3	Clay kankar	
13.	138 - 145*	7	Medium sand	Good
14.	145 - 150	5	Clay kankar	
15.	150 - 155*	5	Medium sand	Good
16.	155 - 174	19	Clay kankar	
17.	174 - 180*	6	Medium sand	Good
18.	180 - 190	10	Clay kankar	
19.	190 - 195*	5	Medium sand	Good
20.	195 - 220	25	Clay kankar	



Ground Water Survey Consultancy
Agra

Signature

Scen
Sul