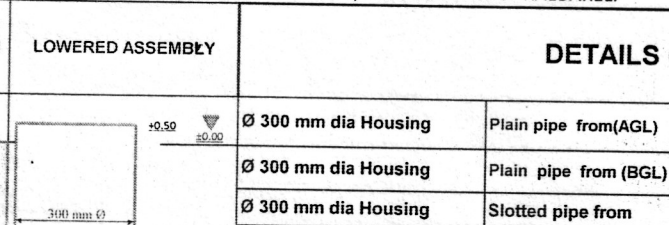
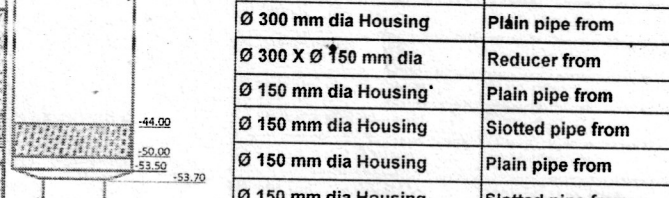


Lowered Assembly Plan-Sarai Manik 1st TW, Block-Deeh JIM-PKG-9 -(Asha Rashidpur -RO WSS)
Type of Rig Machine- D. C RIG MACHINE Size of Bore - 600 X 450mm, Static W/L-
Contractor Name - M/S HUGEL INFRA PVT. LTD (GOURAV KR. GUPTA) RO WSS PROJECT RAEBARELI

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY							
			Ø 300 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
			Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	44.00	MBGL	44.00	M.
			Ø 300 mm dia Housing	Slotted pipe from	44.00	MBGL to	50.00	MBGL	6.00	M.
			Ø 300 mm dia Housing	Plain pipe from	50.00	MBGL to	53.50	MBGL	3.50	M.
			Ø 300 X Ø 150 mm dia	Reducer from	53.50	MBGL to	53.70	MBGL	0.20	M.
			Ø 150 mm dia Housing*	Plain pipe from	53.70	MBGL to	253.00	MBGL	199.30	M.
			Ø 150 mm dia Housing	Slotted pipe from	253.00	MBGL to	265.00	MBGL	12.00	M.
			Ø 150 mm dia Housing	Plain pipe from	265.00	MBGL to	280.00	MBGL	15.00	M.
			Ø 150 mm dia Housing	Slotted pipe from	280.00	MBGL to	292.00	MBGL	12.00	M.
Ø 150 mm dia Housing	Plain pipe from	292.00	MBGL to	298.00	MBGL	6.00	M.			
				Total Assembly (AGL + BGL) -	298.50	M.				

1. Drilling Started on Dated --		11-02-2024	
2. Drilling Completed on Dated --		25-02-2024	
3. Drilling Depth --	600 mm Dia	60.00 M	
	450 mm Dia	290.00 M	
	Total-	350.00 M	
4. Assembly lowered on Dated -- 26-02-2024			
5. Assembly lowered -			
(A) Housing pipe 200 mm dia (AGL) -		0.50 M	
(B) Housing pipe (Plain) 300 mm dia (BGL) -		47.50 M	
(C) Slotted pipe 300 mm dia -		6.00 M	
(D) Reducer (300 mm X 150 dia) -		0.20 M	
(E) Slotted pipe 150 mm dia -		24.00 M	
(F) Plain pipe 150 mm dia -		220.30 M	
Total assembly-		298.50 M	
7. Yield Test Date of T/w - N/A			
8. Recommended Discharge- N/A			
9. Pea-Gravel - 56.07 CUM			
10. MS Ring 300mm-09 NOS	11. MS Ring 200mm-NOS.	12. MS Ring 150mm- 41 NOS	
12. MS Bail Plug 300mm- NOS	13. MS Bail Plug 200mm- NOS.	14. MS Bail Plug 150mm- 1 NOS	
15. Reducer 300mmx150mm- 1 NOS		16. Reducer 200x150mm- NOS.	
17. MSSJ Clamp 300mm- 1NOS	18. MSSJ Clamp 200mm -NOS	19. TW Assembly Support- 300mm -1 NOS	
20. MS Well Cap-300mm-NOS	21. MS Well Cap-200mm-1NOS		
22. Center Guide-300mm- NOS	23. Center Guide-200mm- NOS	24. Center Guide-150mm-8 NOS	
LOGGING REPORT (Ground Water Investigation Center)			
REF: GIC/JJM/Raebareli/271			
Depth Logged- 350 MBGL		Date of Logging-16.02.2024	
Sl.	Depth Range Mibgl	Thickness m.	Types of Strata
1	23-32	9	Good
2	44-50	6	Good
3	250-265	15	Good to moderate
4	280-292	12	Good to moderate
5	307-315	8	Good to moderate

Manager (G.W.)

**Executive Engineer
(UPJN)**



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/271

Date: 16.02.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Saray Manik, Block – Deeh
District - Raebareli
Latitude – 26.1116950⁰, **Longitude** – 81.442615⁰

Drilling Depth : 355 mbgl as reported by Driller

Logged Depth : 350 mbgl

Date of Logging : 16.02.24

Types of Log : S.P. & Resistivity (Normal & Lateral)



Logger Used : Upton

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

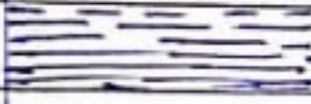




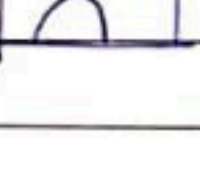
Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strata	R _{mf} & R _w
1	23 – 32	9	Good	R _{mf} = 15.1 Ωm R _w = 17.4 Ωm
2	44 – 50	6	Good	
3	250 – 265	15	Good to moderate	
4	280 – 292	12	Good to moderate	
5	307 – 315	8	Good to moderate	

Remark : Formation water quality is deteriorating marginal to saline below 60 mbgl to 245 mbgl. Good clay encountered in between 245 mbgl to 250 mbgl. Expected TDS of good to moderate zones are 700 – 800. Clay kankar / clay exist below 315 mbgl to till depth logged.

C C : Hugel Infra Private Limited..



(A.K. Singh)
Geophysicist

G.P - SARAI MANIK BLOCK - DFH, LPM 660

		+0.5M	19		6
52	300mm	6	18		6
51		6	17		6
50		6	16		6
49		6	15		6
48		6	14		6
47		6	13		6
46		6	12		6
45		2.5 44.00	11		6
44		6 50.00	10		6
43		3.5	9		1.3 253.00
	300x150 mm	0.2 53.70	8		6
42		6	7		6 265.00
41		6	6		6
40		6	5		6
39		6	4		3 280.00
38		6	3		6
37		6	2		6 292.00
36		6	1		6 298.00
35		6			
34		6			
33		6			
32		6			
31		6			
30		6			
29		6			
28		6			
27		6			
26		6			
25		6			
24		6			
23		6			
22		6			
21		6			
20		6			

TOTAL DEPTH = 298 m
TOTAL SLOPE = 30m