

OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-Kusumahura, Block-Majhrajganj JJM-PKG-8 -(MON-RO WSS)

District - Raebareli

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 660 X 450mm,

Static W/L-

LPM-740

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	52.00	MBGL	52.00	M.
			Ø 300 mm dia Housing	Slotted pipe from	52.00	MBGL to	56.00	MBGL	4.00	M.
			Ø 300 mm dia Housing	Plain pipe from	56.00	MBGL to	59.00	MBGL	3.00	M.
			Ø 300 X Ø 150 mm dia	Reducer from	59.00	MBGL to	59.20	MBGL	0.20	M.
			Ø 150 mm dia Housing	Plain pipe from	59.20	MBGL to	65.00	MBGL	5.80	M.
			Ø 150 mm dia Housing	Slotted pipe from	65.00	MBGL to	71.00	MBGL	6.00	M.
			Ø 150 mm dia Housing	Plain pipe from	71.00	MBGL to	82.00	MBGL	11.00	M.
			Ø 150 mm dia Housing	Slotted pipe from	82.00	MBGL to	87.00	MBGL	5.00	M.
			Ø 150 mm dia Housing	Plain pipe from	87.00	MBGL to	102.00	MBGL	15.00	M.
			Ø 150 mm dia Housing	Slotted pipe from	102.00	MBGL to	107.00	MBGL	5.00	M.
			Ø 150 mm dia Housing	Plain pipe from	107.00	MBGL to	313.00	MBGL	206.00	M.
			Ø 150 mm dia Housing	Slotted pipe from	313.00	MBGL to	325.00	MBGL	12.00	M.
			Ø 150 mm dia Housing	Plain pipe from	325.00	MBGL to	331.00	MBGL	6.00	M.
			Total Assembly (AGL + BGL) - 331.50 M.							

ABSTRACT

1. Drilling Started on Dated - 11-02-2024

2. Drilling Completed on Dated -- 24-02-2024

3. Drilling Depth - 500 mm Dia 66.00 M

450 mm Dia 327.00 M

Total- 393.00 M

4. Assembly lowered on Dated -- 25-02-2024

5. Assembly Lowered -

(A) Housing pipe 200 mm dia(AGL) - 0.50 M

(B) Housing pipe(Plain)300 mm dia(BGL) - 55.00 M

(C) Slotted pipe 300 mm dia - 4.00 M

(D) Reducer (300 mmX 150 dia) - 0.20 M

(E) Slotted pipe 150 mm dia - 28.00 M

(F) Plain pipe 150 mm dia - 243.80 M

Total assembly- 331.50 M

7. Yield Test Date of T/w - N/A

8. Recommended Discharge- N/A

9. Pea-Gravel -61.01 CUM

10. MS Ring 300mm-10 NOS 11. MS Ring 200mm-NOS. 12. MS Ring 150mm- 46 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.MSSI Clamp 300mm- 1NOS 18. MSSI Clamp 200mm -NOS 19.TW Assembly Support- 300mm -1 NOS

20. MS Well Cap-300mm-01 NOS 21.MS Well Cap-200mm-NOS

22.Center Guide-300mm- NOS 23.Center Guide-200mm- NOS 24.Center Guide-150mm-8NOS

LOGGING REPORT (Ground Water Investigation Center) REF: GIC/JJM/Raebareli/272

Depth Logged-373 mbgl *As per DPR - 350M* Date of Logging-16.02.2024

Sl.	Depth Range Mbgl	Thickness m.	Types of Strata
1	25-37	12	Good
2	52-56	4	Good
3	65-71	6	Good
4	82-87	5	Good
5	102-107	5	Good to moderate
6	313-325	12	Good to moderate
7	335-353	18	Good to moderate

Ramark : Formation water quality is deteriorating marginal to saline below 117 mbgl to 302 mbgl. Good Clay encountered in between 302 mbgl to 311 mbgl. Expected TDS of good to moderate zones are 600-800. Clay Kankar/Clay exist below 353 mbgl to till depth logged.

Prepared & Proposed By

[Signature]

M/S HUGEL INFRA PVT. LTD,
PROJECT (RO WSS-Raebareli)

Checked By

[Signature]

TPIA
(CEINSYS)

Recommended By

[Signature]

Assistant Engineer
(UPJN)

Approved By

[Signature]

Executive Engineer
(UPJN)

Manager (G.W.)