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

d Assambly Plan-Narayanpurr TW, Block-Deeh JJM-PKG-9 -(Asharasheedpur-RO WSS) Static W/L-

e of Rig Machine- D. C RIG MACHINE

, Size of Bore - 500 x 450mm,

LPM- 330

ontractor Name - M/S HUGEL INFRA PVT. LTD (GOURAV KR. GUPTA) RO WSS PROJECT RAEBARELI **DETAILS OF ASSEMBLY** DEPTH OF BORE IN LOWERED ASSEMBLY STRATA IN M.B.G.L. MAGL MAGL to 0.50 0.50 M. Plain pipe from(AGL) 0.00 Ø 200 mm dia Housing MBGL to 62.00 MBGL 0.00 Plain pipe from (BGL) Ø 200 mm dia Housing -6.00 MBGL 6.00 M. 62.00 MBGL to 68.00 Ø 200 X Ø 150 mm dla Reducer from MBGL to 80.00 MBGI 12.00 68.00 Ø 150 mm dia Housing Plain pipe from MBGL 6.00 M. MBGL to 86.00 80.00 Slotted pipe from Ø 150 mm dia Housing M. 86.00 MBGL to 90.00 MBGI 4.00 Ø 150 mm dia Housing Plain pipe from MBGL Reducer from MBGL to 90.20 90.00 Ø 200 X Ø 150 mm dia MBGL 90.20 MBGL to Ø 150 mm dla Housing Plain pipe from -75.00 86.00 -90,00 Total Assembly (AGL + BGL) -**ABSTRACT** 1. Drilling Started on Dated -06-04-2024 15-04-2024 2. Drilling Completed on Dated -99.00 M 500 mm Dia 3. Drilling Depth – 236.00 M 450 mm Dia 335.00 M Total-4. Assembly lowered on Dated - 16-04-2024 5. Assembly Lowered -(A)Housing pipe 200 mm dia(AGL) -0.50 M (B)Housing pipe(Plain)200 mm dia(BGL) -78.00 M 12.00 M (C) Slotted pipe 200 mm dia-(D) Reducer (200 mmX 150 dia) -0.20 M 0.00 M (E) Slotted pipe 150 mm dia -(F) Plain pipe 150 mm dia - , \* 6.00 M 96.70 M Total assembly-7. Yield Test Date of T/w - N/A 8. Recommended Discharge - N/A 9. Pea-Gravel - 30.52 CUM 11. MS Ring 150mm-00 NOS 10. MS Ring 200mm- 15 NOS. 13. Reducer 200x150mm-1 NOS 12. MS Bail Plug 150mm- 1 NOS 14. MSSI Clamp 200mm - 1 NOS 16.MS Well Cap-200mm- 1 NOS 15.TW Assembly Support- 200mm - 1 NOS 17.Center Guide-150mm-00 NOS LOGGING REPORT (Ground Water Investigation Center) REF: A-GIC/JJM/Raebarell/340, Dated:- 10-04-2024 Date of Logging-10-04-2024 Depth Logged-350 mbg Thickness Depth Range Types of strara Mbgl Good 1 32-37 2 62-68 Good 3 80-86 Good Good to moderate 4 260-272 12 Good to moderate 5 284-292 Good to moderate 6 295-301 7 303-307 Good to moderate 309-313 8 9 330-333 Note: 1. Allmost all zones are intermixed with fine bands of kankar, Formation water quality is deterorating marginal to sline below 92 mbgl to 254 mbgl, Good clay encountered in between 254 mbgl to 260 mbgl, Expected TDS of Good to moderate zones are 700-Manager (G.W.)

M/S HUGEL MARA PVT. LTD, PROJECT (RO WSS-Raebarell)

(UPJN)

Recommended By

Assistant Engineer (UPJN)

Approved By

Executive Engineer (UPJN)



## GROUND WATER INVESTIGATION CENTRE

## (Ground Water Assessment & Allied Services)

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**GSITN: 09ANAPS3037Q1ZG** 

Ref: GIC/JJM/ Raebareli/345 Date: 10.04.24

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Narayanpur, Block – Deeh

District - Raebareli

**Latitude** - 26.135110<sup>0</sup>, **Longitude** - 81.471380<sup>0</sup>

**Drilling Depth** : 350 mbgl as reported by Driller

**Logged Depth** : 335 mbgl

**Date of Logging** : 10.04.24

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

**Logger Used** : Uptron

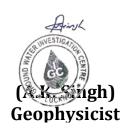
Details of major aquifer formations explored from interpretation of Geophysical Logs are

given below.

Sl.	Depth Range	Thickness	Types of strara	$R_{mf \&} R_{w}$
No.	(m, bgl)	( <b>m</b> )		
1	32 - 37	5	Good	$R_{mf=14.4~\Omega m}$
2	62 - 68	6	Good	$\mathbf{R}_{\mathbf{w}=16.1~\Omega m}$
3	80 - 86	6	Good	
4	260 - 272	12	Good to moderate	
5	284 - 292	8	Good to moderate	
6	295 – 301	6	Good to moderate	
7	303 - 307	5	Good to moderate	
8	309 - 313	4	Good to moderate	
9	330 - 333	3	Good to moderate	

**Remark**: Almost all zones are intermixed with fine bands of kankar. Formation water quality is deteriorating marginal to saline below 92 mbgl to 254 mbgl bgl. Good clay encountered in between 254 mbgl to 260 mbgl. Expected TDS of good to moderate zones are 700 - 800.

**C C**: M/s Hugel Infra Private Limited



GP-NARAXAHPUR BLOCK - DEEH LPM - 330 40:5M 200мму 6 2.5 62:00 80,00 200 X150 

TOTAL SLOTE 2 12,00 M