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

Assambly Plan-Asharashidpur TW-1, Block-Deeh JJM-PKG-9 -(Asharasheedpur-RO WSS)

District - Raebard

of Rig Machine- D. C RIG MACHINE Size of Bore - 500 x 450mm, LPM- 540 tractor Name – M/S HUGEL INFRA PVT. LTD (GOURAV KR. GUPTA) RO WSS PROJECT RAEBARELI DEPTH OF DEPTH OF BORE IN M.B.G.L STRATA IN LOWERED ASSEMBLY **DETAILS OF ASSEMBLY** M.B.G.L. Ø 200 mm dia Housing Plain pipe from(AGL) MAGL 0.00 MAGL to 0.50 Surface Sand Clay Ø 200 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 53.50 MBGL 53.50 M. Ø 200 X Ø 150 mm dia M. MBGI 0.20 Reducer from 53.50 MBGL to 53.70 Ø 150 mm dia Housing MBGL 2.30 MBGL to 56.00 Plain pipe from 53.70 Ø 150 mm dia Housing MBGL 6.00 62.00 MBGL to Slotted pipe from 56.00 MBGI MBGL to 75.00 Ø 150 mm dia Housing Plain pipe from 62.00 MBGL 5.00 MBGL to 80.00 Ø 150 mm dia Housing Slotted pipe from 75.00 -50.00 MBGI MRGL to 264.50 80.00 Ø 150 mm dia Housing Plain pipe from -56.00 12.00 MBGI 264.50 MBGL to 276.50 Ø 150 mm dia Housing Slotted pipe from -62.00 MBGL 282.50 MBGL to Clay With 276.50 Ø 150 mm dia Housing Plain pipe from -75.00 -75.00 -80,00 Total Assembly (AGL + BGL) - 283.00 M. ABSTRACT 31-03-2024 Drilling Started on Dated – 11-04-2024 2. Drilling Completed on Dated -60.00 M 3. Drilling Depth -500 mm Dia 290.00 M 450 mm Dia 350.00 M Total-4. Assembly lowered on Dated -- 12-04-2024 5. Assembly Lowered -0.50 M (A)Housing pipe 200 mm dia(AGL) -(B)Housing pipe(Plain)200 mm dia(BGL) -53.50 M 150 m (C) Slotted pipe 200 mm dia -0.00 M 0.20 M (D) Reducer (200 mmX 150 dia) -23.00 M (E) Slotted pipe 150 mm dia -205.80 M (F) Plain pipe 150 mm dia -283.00 M Total assembly-450 mr 7. Yield Test Date of T/w.- N/A 8. Recommended Discharge - N/A 9. Pea-Gravel -49.22 CUM -11. MS Ring 150mm-38 NOS 10. MS Ring 200mm-08 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 17.Center Guide-150mm-08 NOS LOGGING REPORT (Ground Water Investigation Center) REF: A-GIC/JJM/Raebarell/340, Dated:-05-04-2024 Date of Logging-05-04-2024 Depth Logged-350 mbgl Thickness Depth Range Types of strara (M) Good -277.00 Good 75-80 Good to moderate 3 250-25 Good to moderate 4 264-277 5 311-317 Good to moderate 10 Good to moderate Note:- 1. Formation water quality is deterirating marginal to saline below 85 mbgl to 240 mbgl. Good clay encountered in between 240 mbgl to 247 mbgl. Expected TDS of good to moderate zones are 600-800. Below 330 mbgl to 350 mbgl, clay kankar exist..

Prepared & Proposition

M/S HUGE

PROJECT (F

Checked Checked

TPIA

(CEINSYS !

Junior Enginee

Recommended By

Assistant Engineer (UPJN) Approved By

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/340 Date: 05.04.24

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Asha Rashidpur, Block – Deeh

District - Raebareli

Latitude - 26.181959⁰, **Longitude** - 81.539611⁰

Drilling Depth : 355 mbgl as reported by Driller

Logged Depth : 350 mbgl

Date of Logging : 05.04.24

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

Logger Used : Uptron

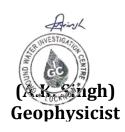
Details of major aquifer formations explored from interpretation of Geophysical Logs are

given below.

Sl.	Depth Range	Thickness	Types of strara	$R_{mf \&} R_{w}$
No.	(m, bgl)	(m)		
1	50 - 62	12	Good	$R_{mf=14~\Omega m}$
2	75 - 80	5	Good	$\mathbf{R}_{\mathbf{w}=16.2~\Omega m}$
3	250 - 257	7	Good to moderate	
4	264 - 277	13	Good to moderate	
5	311 – 317	6	Good to moderate	
6	320 - 330	10	Good to moderate	

Remark: Formation water quality is deteriorating marginal to saline below 85 mbgl to 240 mbgl. Good clay encountered in between 240 mbgl to 247 mbgl. Expected TDS of good to moderate zones are 600 - 800. Below 330 mbgl to 350 mbgl, clay kankar exist.

CC: Hugel Infra Private Limited



Asharashiapur proposed Assembly Lowering Chart Dircharge = 540 LPM The Bore size = 500x 450 mm The Assembly STZE = 200x150 mm 650 GL MIII (111) 6.00 6-10 6-10 6-00 600 6-10 6.00 6-00 6.00 53-50 2020 53.70 2:30 -56.00 1/600/1 62.00 600 75.00 ivo 18:411 80.00 30 pipes 1/50 264.50 11 troff 276.50 fino 282.50