

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

Lowered Assembly Plan-Mon 2nd T/W, Block-Majhrajganj JJM-PKG-8 -(MON-RO WSS)

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 600 X 450mm,

Static W/L-

District - Raebareli

LPM-700

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  |                       |       |              |           |      |       |    |
|---------------------------|-------------------------------------|-------------------|----------------------|-----------------------|-------|--------------|-----------|------|-------|----|
|                           | ±0.00                               | Surface Sand Clay | Ø 300 mm dia Housing | Plain pipe from(AGL)  | 0.00  | MAGL to      | 0.50      | MAGL | 0.50  | M. |
|                           | -5.00                               | Clay With Kanker  | Ø 300 mm dia Housing | Plain pipe from (BGL) | 0.00  | MBGL to      | 50.00     | MBGL | 50.00 | M. |
|                           | -50.00                              | Fine Sand         | Ø 300 mm dia Housing | Slotted pipe from     | 50.00 | MBGL to      | 56.00     | MBGL | 6.00  | M. |
|                           | -56.00                              | Clay With Kanker  | Ø 300 mm dia Housing | Plain pipe from       | 56.00 | MBGL to      | 60.00     | MBGL | 4.00  | M. |
|                           | -60.00                              | Fine Sand         | Ø 300 mm dia Housing | Slotted pipe from     | 60.00 | MBGL to      | 70.00     | MBGL | 10.00 | M. |
|                           | -70.00                              | Clay With Kanker  | Ø 300 mm dia Housing | Plain pipe from       | 70.00 | MBGL to      | 73.00     | MBGL | 3.00  | M. |
|                           | -73.00                              | Fine Sand         | Ø 300 X Ø 150 mm dia | Reducer from          | 73.00 | MBGL to      | 73.20     | MBGL | 0.20  | M. |
|                           | -79.20                              | Clay With Kanker  | Ø 150 mm dia Housing | Plain pipe from       | 73.20 | MBGL to      | 79.20     | MBGL | 6.00  | M. |
|                           | -79.20                              |                   |                      |                       |       |              |           |      |       |    |
|                           | <b>Total Assembly (AGL + BGL) -</b> |                   |                      |                       |       | <b>79.70</b> | <b>M.</b> |      |       |    |

  

| ABSTRACT                                   |                                        |
|--------------------------------------------|----------------------------------------|
| 1. Drilling Started on Dated -             | 10-03-2024                             |
| 2. Drilling Completed on Dated --          | 28-03-2024                             |
| 3. Drilling Depth - 600 mm Dia             | 80.00 M                                |
| 4 500 mm Dia                               | 270.00 M                               |
| <b>Total-</b>                              | <b>350.00 M</b>                        |
| 4. Assembly lowered on Dated -- 30-03-2024 |                                        |
| 5. Assembly Lowered -                      |                                        |
| (A) Housing pipe 300 mm dia(AGL) -         | 0.50 M                                 |
| (B) Housing pipe(Plain)300 mm dia(BGL) -   | 57.00 M                                |
| (C) Slotted pipe 300 mm dia -              | 16.00 M                                |
| (D) Reducer (300 mmX 150 dia) -            | 0.20 M                                 |
| (E) Slotted pipe 150 mm dia -              | 0.00 M                                 |
| (F) Plain pipe 150 mm dia -                | 6.00 M                                 |
| <b>Total assembly-</b>                     | <b>79.70 M</b>                         |
| 7. Yield Test Date of T/w - N/A            |                                        |
| 8. Recommended Discharge - N/A             |                                        |
| 9. Pea-Gravel - 33.91 CUM                  |                                        |
| 10. MS Ring 300mm- 13 NOS                  | 11. MS Ring 200mm- NOS.                |
| 12. MS Ring 150mm- NOS                     | 12. MS Ring 150mm- NOS                 |
| 13. MS Bail Plug 300mm- NOS                | 13. MS Bail Plug 200mm- NOS.           |
| 14. MS Bail Plug 150mm- 1 NOS              | 14. MS Bail Plug 150mm- 1 NOS          |
| 15. Reducer 300mmx150mm- 1 NOS             | 15. Reducer 300mmx150mm- 1 NOS         |
| 16. Reducer 200x150mm- NOS.                | 16. Reducer 200x150mm- NOS.            |
| 17. MSSl Clamp 300mm- 1NOS                 | 17. MSSl Clamp 300mm- 1NOS             |
| 18. MSSl Clamp 200mm- NOS                  | 18. MSSl Clamp 200mm- NOS              |
| 19. TW Assembly Support- 300mm - 1 NOS     | 19. TW Assembly Support- 300mm - 1 NOS |
| 20. MS Well Cap-300mm-1 NOS                | 20. MS Well Cap-300mm-1 NOS            |
| 21. MS Well Cap-200mm-NOS                  | 21. MS Well Cap-200mm-NOS              |
| 22. Center Guide-300mm- 0 NOS              | 22. Center Guide-300mm- 0 NOS          |
| 23. Center Guide-200mm- NOS                | 23. Center Guide-200mm- NOS            |
| 24. Center Guide-150mm-NOS                 | 24. Center Guide-150mm-NOS             |

  

| LOGGING REPORT (Ground Water Investigation Center) REF:GIC/JJM/Raebareli/309 ; Dated - 19.03.2024 |                  |              |                            |
|---------------------------------------------------------------------------------------------------|------------------|--------------|----------------------------|
| Depth Logged-350m bgl                                                                             |                  |              | Date of Logging-19-03-2024 |
| Sl.                                                                                               | Depth Range Mbgl | Thickness m. | Types of strata            |
| 1                                                                                                 | 20-35            | 15           | Good                       |
| 2                                                                                                 | 42-47            | 5            |                            |
| 3                                                                                                 | 50-56            | 6            |                            |
| 4                                                                                                 | 60-70            | 10           |                            |
| 5                                                                                                 | 244-250          | 6            | Moderate                   |
| 6                                                                                                 | 274-280          | 6            |                            |
| 7                                                                                                 | 295-305          | 10           |                            |
| 8                                                                                                 | 320-327          | 7            |                            |

  

**Note:-** 1. Formation water quality is deteriorating marginal to sline below 80 mbgl to 240 mbgl. Good Clay encountered in between 240 mbgl to 244 mbgl. Expected TDS of moderate zone are 800-900.

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By

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

TPIA  
(CEINSYS)

Junior Engineer  
(UPJN)

Assistant Engineer  
(UPJN)

Executive Engineer  
(UPJN)