

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

Lowered Assembly Plan- Dilawalpur, Block-Deeh JJM-PKG-9 -(Asharashirdpur-RO WSS)
Type of Rig Machine- D. C RIG MACHINE
Contractor Name - M/S HUGEL INFRA PVT. LTD

District - Raebareli
Static W/L- LPM-410

| DEPTH OF BORE IN M.B.G.L | DEPTH OF STRATA IN M.B.G.L | LOWERED ASSEMBLY | DETAILS OF ASSEMBLY | | | | | | | | |
|--------------------------|------------------------------|------------------|-------------------------|-----------------------|--------|---------|--------|------|--------|----|--|
| 500mm | +0.00 | +0.50 | Ø 200 mm dia Housing | Plain pipe from (AGL) | 0.00 | MAGL to | 0.50 | MAGL | 0.50 | M. | |
| | -06.50 | +0.50 | Ø 200 mm dia Housing | Plain pipe from (BGL) | 0.00 | MBGL to | 53.50 | MBGL | 53.50 | M. | |
| | -30.00 | +0.50 | Ø 200 X Ø 150 mm dia | Reducer from | 53.50 | MBGL to | 53.70 | MBGL | 0.20 | M. | |
| | -51.00 | +0.50 | Ø 150 mm dia Housing | Plain pipe from | 53.70 | MBGL to | 251.00 | MBGL | 197.30 | M. | |
| | -53.50 | +0.50 | Ø 150 mm dia Housing | Slotted pipe from | 251.00 | MBGL to | 260.00 | MBGL | 9.00 | M. | |
| | -53.70 | +0.50 | Ø 150 mm dia Housing | Plain pipe from | 260.00 | MBGL to | 263.50 | MBGL | 3.50 | M. | |
| | -53.70 | +0.50 | Ø 150 mm dia Housing | Slotted pipe from | 263.50 | MBGL to | 269.50 | MBGL | 6.00 | M. | |
| | -53.70 | +0.50 | Ø 150 mm dia Plain pipe | Plain pipe from | 269.50 | MBGL to | 282.00 | MBGL | 12.50 | M. | |
| | -53.70 | +0.50 | Ø 150 mm dia Plain pipe | Slotted pipe from | 282.00 | MBGL to | 288.00 | MBGL | 6.00 | M. | |
| | -53.70 | +0.50 | Ø 150 mm dia Plain pipe | Plain pipe from | 288.00 | MBGL to | 294.00 | MBGL | 6.00 | M. | |
| | -53.70 | +0.50 | | | | | | | | | |
| | -53.70 | +0.50 | | | | | | | | | |
| | -53.70 | +0.50 | | | | | | | | | |
| | Total Assembly (AGL + BGL) - | | | | | 294.50 | M. | | | | |

ABSTRACT

- Drilling Started on Dated - 14-12-2023
- Drilling Completed on Dated -- 26-12-2023
- Drilling Depth - 500 mm Dia 60.00 M
450 mm Dia 290.00 M
Total- 350.00 M
- Assembly lowered on Dated -- 27-12-2023
- Assembly Lowered -

| | |
|---|-----------------|
| (A) Housing pipe 200 mm dia (AGL) - | 0.50 M |
| (B) Housing pipe (Plain) 200 mm dia (BGL) - | 53.50 M |
| (C) Slotted pipe 200 mm dia - | 0.00 M |
| (D) Reducer (200 mm X 150 dia) - | 0.20 M |
| (E) Slotted pipe 150 mm dia - | 21.00 M |
| (F) Plain pipe 150 mm dia - | 219.30 M |
| Total assembly- | 294.50 M |
- Yield Test Date of T/w - N/A
- Recommended Discharge - N/A
- Pea-Gravel -52.17 CUM
- MS Ring 200mm- 8 NOS.
- MS Ring 150mm- 41 NOS
- MS Bail Plug 150mm- 1 NOS
- Reducer 200x150mm- 1 NOS.
- MSSI Clamp 200mm -1 NOS
- TW Assembly Support- 200mm -1 NOS
- MS Well Cap-200mm-1NOS
- Center Guide-150mm-9 NOS

LOGGING REPORT (Geo Technical Consultant)

REF: MTL/WL/23-24/638, Dated-23.12.2023

| Sl. | Depth Range Mbgl | Thickness m. | Remarks |
|-----|------------------|--------------|------------------|
| 1 | 30-36 | 7 | Good |
| 2 | 48-51 | 3 | Good |
| 3 | 206-210 | 4 | Moderate |
| 4 | 251-260 | 9 | Good |
| 5 | 262-270 | 8 | Good to Moderate |
| 6 | 282-288 | 6 | Good to Moderate |
| 7 | 290-293 | 3 | Good to Moderate |
| 8 | 299-303 | 4 | Good to Moderate |

Note-The Formation Water is marginal to saline in between 58 MBGL to 202 MBGL and Below 308 MBGL to Log Depth not found proper granular zone.

Manager (G.W.)

Prepared & Proposed By

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

Checked By

TPIA
(CEINSYS)

Junior Engineer
(UPJN)

Recommended By

Assistant Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)

Ref : MTL/WL/23-24/638

Date 23.12.2023

REPORT ON GEO-PHYSICAL RESISTIVITY LOGGING OF BOREHOLE

A deep borehole was drilled by working agency as a part of their scope of work of development of Tubewell under Jal Jeevan Mission Project of SWSM, MTL conducted a Geophysical Continuous logging in the above borehole.

| | |
|---------------|---|
| Village Name | DILAWALPUR |
| Block | DIHA |
| District | RAEBARELI |
| Logging Depth | 350.2 MBGL |
| Type of Log | Continuous well logger (SP, N16 (SN), N64 (LN) & LAT) |
| Machine Used | IGIS |
| Logging Date | 22.12.2023 |

The following aquifer zones have been deciphered with the help of logging machine.

| Sr. No. | Depth Range (mtr BGL) | Thickness (mtr) | Expected Quality |
|---------|-----------------------|-----------------|------------------|
| 1 | 30 – 36 | 7 | Good |
| 2 | 48 – 51 | 3 | Good |
| 3 | 206 – 210 | 4 | moderate |
| 4 | 251 – 260 | 9 | Good |
| 5 | 262 – 270 | 8 | Good to moderate |
| 6 | 282 – 288 | 6 | Good to moderate |
| 7 | 290 – 293 | 3 | Good to moderate |
| 8 | 299 – 303 | 4 | Good to moderate |

Rw – 15.4 Ohm mtr and Rm – 10.6 Ohm mtr

Note – The formation water is marginal to saline in between 58 MBGL to 202 MBGL and Below 308 MBGL to log depth not found proper granular zone.

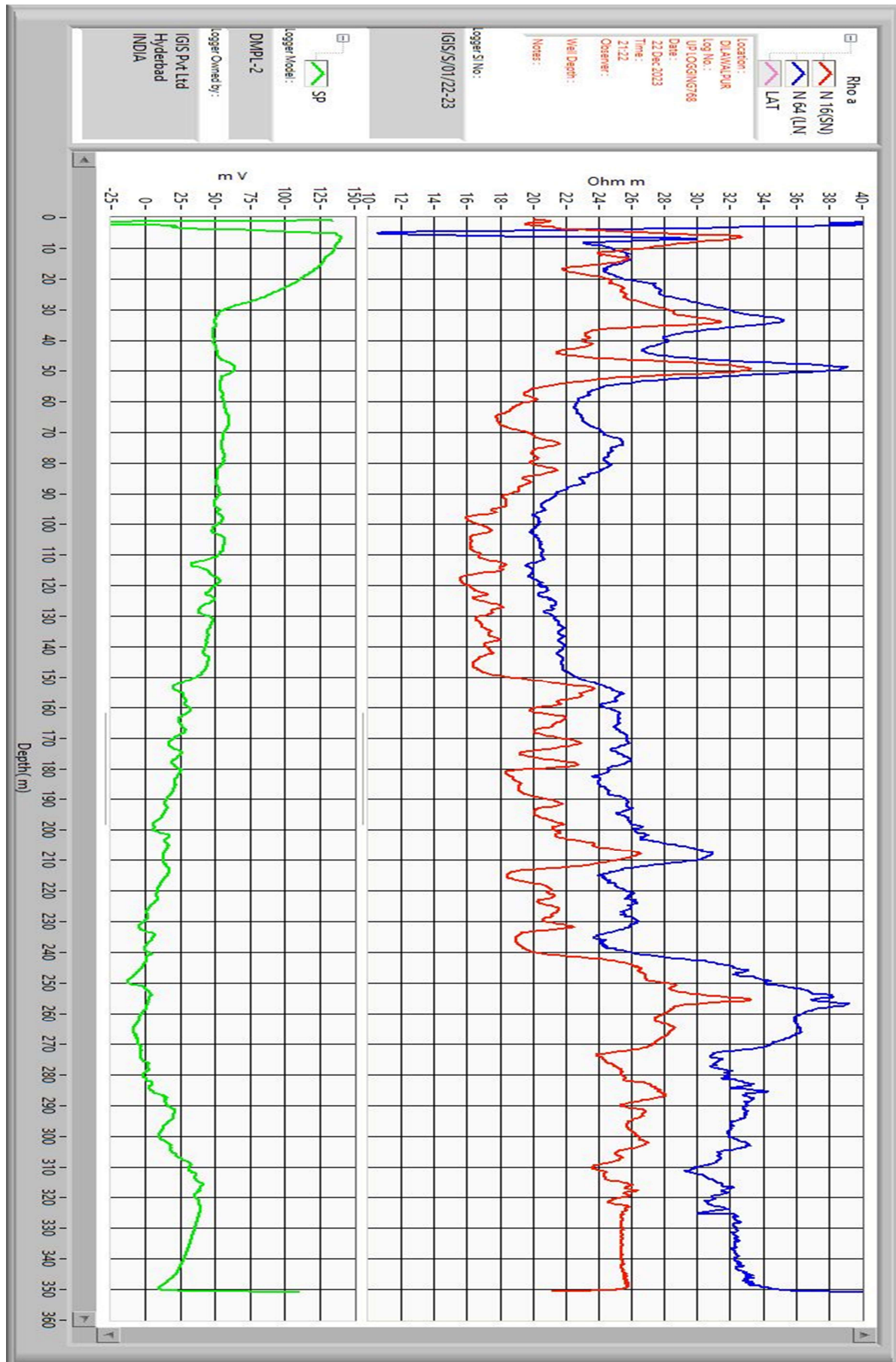


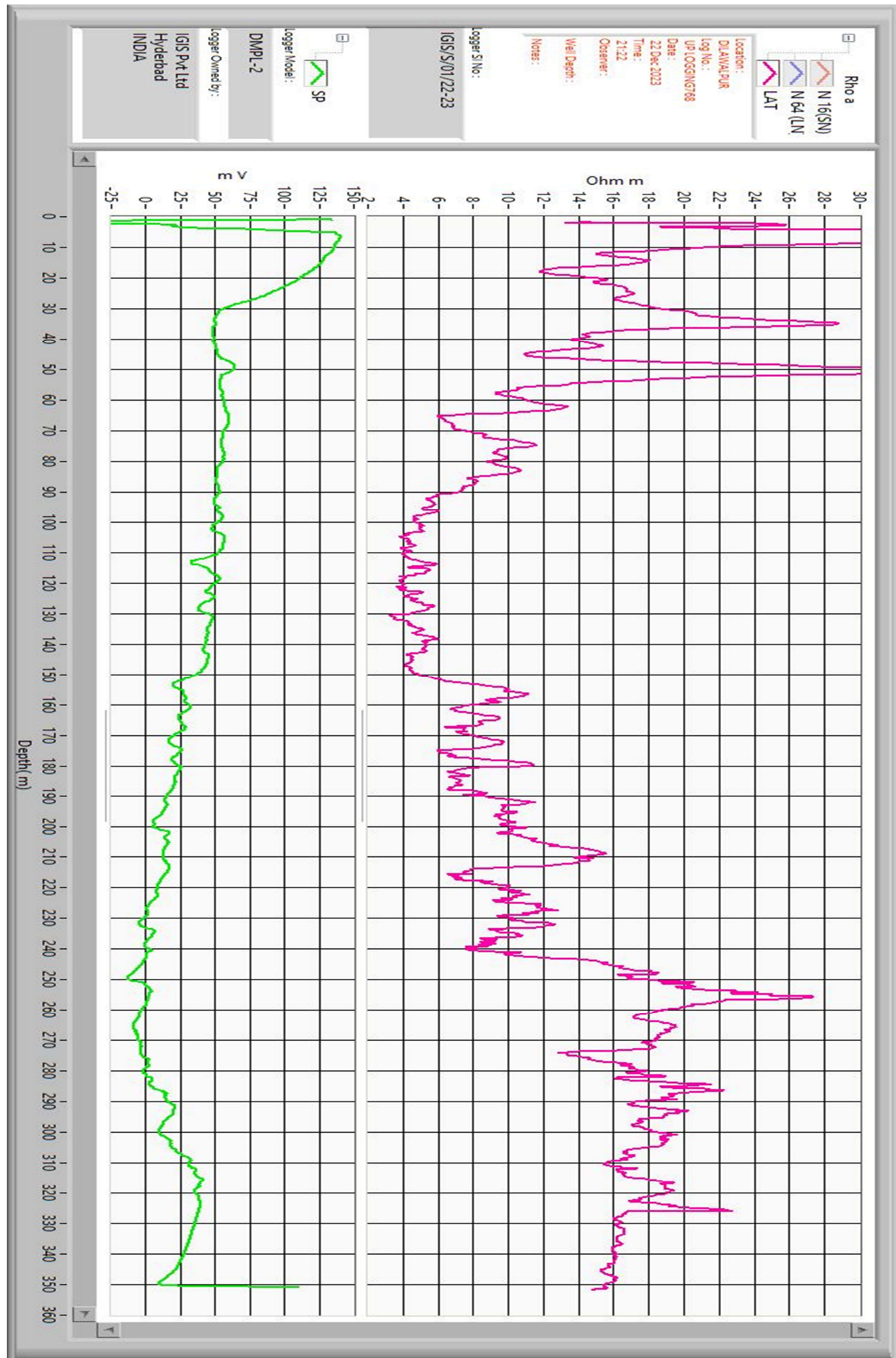
Anand Kumar
(Hydrogeologist)

For Geo-Technical Consultant,



Authorised Signatory





GP-DILAWALPUR
BLOCK - DIH
LPM - 410

| | | | | | |
|----|----------------|-----------|----|-----|--------|
| | | +1.5m | 18 | 6 | |
| | | | 17 | 6 | |
| 51 | 200mmφ | 6 | 16 | 6 | |
| 50 | | 6 | 15 | 6 | |
| 49 | | 6 | 14 | 6 | |
| 48 | | 6 | 13 | 6 | |
| 47 | | 6 | 12 | 6 | |
| 46 | | 6 | 11 | 6 | |
| 45 | | 6 | 10 | 5.3 | 251.00 |
| 44 | | 6 | 9 | 6 | |
| 43 | | 6 | 8 | 3 | 260.00 |
| | 200x150 mmφ | 012 53.70 | 7 | 3.5 | 263.50 |
| 42 | | 6 | 6 | 6 | 269.50 |
| 41 | | 6 | 5 | 6 | |
| 40 | | 6 | 4 | 6 | |
| 39 | | 6 | 3 | 0.5 | 282.00 |
| 38 | | 6 | 2 | 6 | 288.00 |
| 37 | | 6 | 1 | 6 | 294.00 |
| 36 | | 6 | | | |
| 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 | | | |
| 19 | | 6 | | | |

TOTAL DEPTH = 294 M

TOTAL SLOTT = 21 M