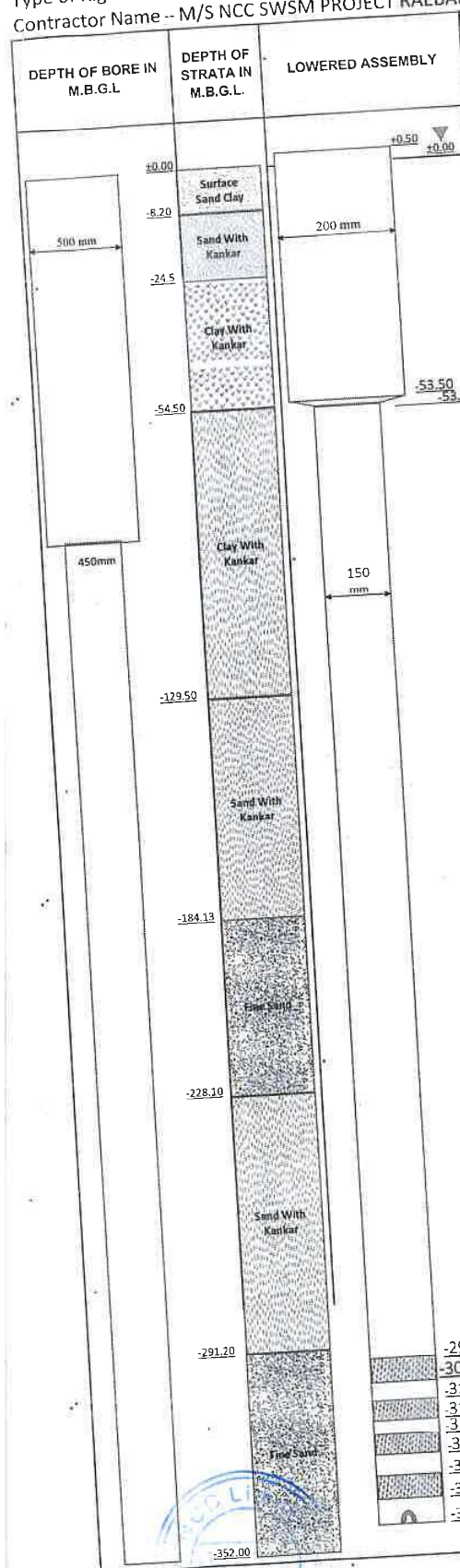


OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-Paidepur, BLOCK-Harchandpur UNDER JJM PHASE-II-(134 / 18)
 Type of Rig Machine- D. C RIG MACHINE
 Contractor Name -- M/S NCC SWSM PROJECT RAEBARELI

District - Raebareli
LPM-600

Size of Bore - 500 X 450mm, Static W/L-



| DESCRIPTION | FROM | TO | DEPTH (M) |
|-------------------------------------|-----------------------|----------------------------|------------------|
| Ø 200 mm dia Housing | Plain pipe from (AGL) | 0.00 MAGL to 0.50 MAGL | 0.50 M. |
| 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 Reducer | Reducer from | 53.50 MBGL to 53.70 MBGL | 0.20 M. |
| Ø 150 mm dia Plain pipe | Plain pipe from | 53.70 MBGL to 297.00 MBGL | 243.30 M. |
| Ø 150 mm dia Plain pipe | Slotted pipe from | 297.00 MBGL to 301.00 MBGL | 4.00 M. |
| Ø 150 mm dia Plain pipe | Plain pipe from | 301.00 MBGL to 310.00 MBGL | 9.00 M. |
| Ø 150 mm dia Plain pipe | Slotted pipe from | 310.00 MBGL to 314.00 MBGL | 4.00 M. |
| Ø 150 mm dia Plain pipe | Plain pipe from | 314.00 MBGL to 317.00 MBGL | 3.00 M. |
| Ø 150 mm dia Plain pipe | Slotted pipe from | 317.00 MBGL to 320.00 MBGL | 3.00 M. |
| Ø 150 mm dia Plain pipe | Plain pipe from | 320.00 MBGL to 325.00 MBGL | 5.00 M. |
| Ø 150 mm dia Plain pipe | Slotted pipe from | 325.00 MBGL to 332.00 MBGL | 7.00 M. |
| Ø 150 mm dia Plain pipe | Plain pipe from | 332.00 MBGL to 338.00 MBGL | 6.00 M. |
| Total Assembly (AGL + BGL) - | | | 338.50 M. |

| | |
|---|------------|
| 1. Drilling Started on Dated - | 17.11.2022 |
| 2. Drilling Completed on Dated -- | 23.11.2022 |
| 3. Drilling Depth - 500 mm Dia | 60.00 M |
| 450 mm Dia | 292.00 M |
| Total- | 352.00 M |
| 4. Assembly lowered on Dated -- | 04-12-2022 |
| 5. Assembly Lowered - | |
| (A) Housing pipe 200 mm dia (AGL) - | 0.50 M |
| (B) Housing pipe (Plain) 200 mm dia (BGL) - | 53.50 M |
| (C) Reducer (200 mm X 150 dia) - | 0.20 M |
| (D) Slotted pipe/screen - 150 mm dia - | 18.00 M |
| (E) Plain pipe 150 mm dia - | 266.30 M |
| Total assembly- | 338.50 M |
| 7. Yield Test Date of T/w - | N/A |
| 8. Recommended Discharge - | N/A |

LOGGING REPORT (M/S Geo Instruments and Techniq's) REF:GIT:UP:22:23:LS:161 Dated-24-11-22
 Date of Logging-24.11.2022

| Sl. | Depth Range MbgL | Thickness m. | Remarks |
|-----|------------------|--------------|----------|
| 1 | 15-22 | 7 | Good |
| 2 | 31-38 | 7 | Good |
| 3 | 45-49 | 4 | Good |
| 4 | 84-91 | 7 | Moderate |
| 5 | 284-291 | 7 | Moderate |
| 6 | 297-301 | 4 | Good |
| 7 | 317-320 | 3 | Good |
| 8 | 310-314 | 4 | Good |
| 9 | 325-332 | 7 | Good |

NOTE 1) Fine bands of kankar are intermixed with almost all the zones.
 2) Quality of Ground Water is deteriorating Marginal to Saline in between 106.0 to 275.0 m bgl
 3) Predominated clay is present in depth range 275.0-280.0 & 293.0 to 296.0 m bgl.
 4) Please ensure pre-monsoon water level before lower the well assembly.

Manager (G.W.)

Prepared & Proposed By

Checked By

Pankaj
 TPIA
 (CEINSYS)

Recommended By

 Assistant Engineer
 (UPJN)

Approved By

 Executive Engineer
 (UPJN)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP:22-23:LS: 161

Dated: 24-11-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Paldepur
Block: Harchandpur
District: Raebareli
State: Uttar Pradesh
Drilling depth: 355.0 m bgl
Logging depth: 342.0 m bgl *332 mbgl.*
Date of logging: 24-11-2022
Rm - 11.0 Ω m Rw - 16.0 Ω m

Borewell Drilled By: NCC Limited, Raebareli, Uttar Pradesh.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

| Sl. No. | Depth Range (m bgl) | Thickness (meters) | Remarks (Quality of aquifer water) |
|---------|---------------------|--------------------|------------------------------------|
| 1. | 15 - 22 | 07 | Good |
| 2. | 31 - 38 | 07 | Good |
| 3. | 45 - 49 | 04 | Good |
| 4. | 84 - 91 | 07 | Moderate |
| 5. | 284 - 291 | 07 | Moderate |
| 6. | 297 - 301 | 04 | Good |
| 7. | 317 - 320 | 03 | Good |
| 8. | 310 - 314 | 04 | Good |
| 8. | 325 - 332 | 07 | Good |

Note: 1. Fine band of Kankar are intermixed with almost all the Zones.

2. Quality of Ground Water is deteriorating Marginal to Saline in between 106.0 to 275.0 m bgl.

3. Predominated clay is present in depth range 275.0 - 280.0 & 293.0 - 296.0 m bgl.

4. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per logs provided.

S.C.P.
ASSISTANT HYDROGEOLOGIST
26/11/22 (E/M)
U.P. JAL NIGAM (RURAL)
FTR/MORAJ

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)