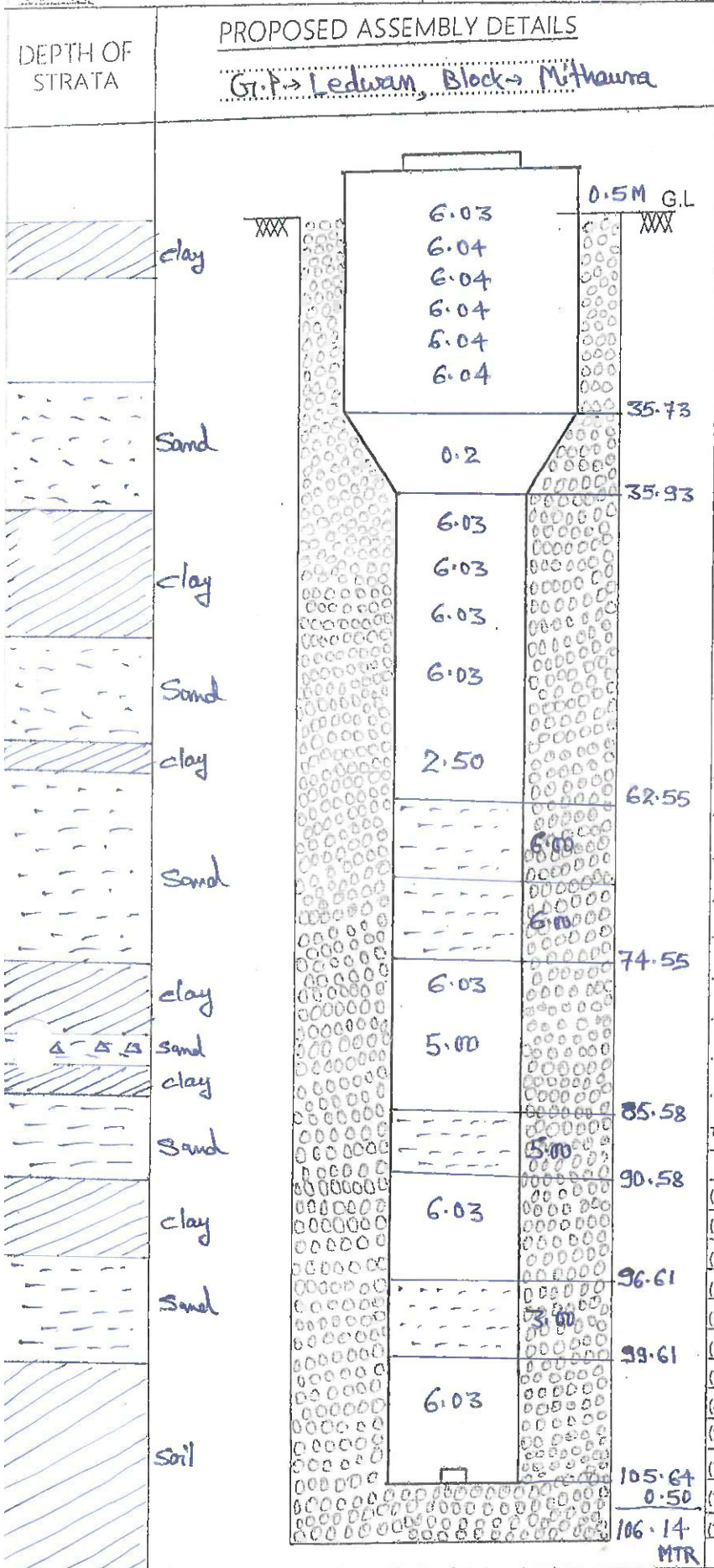


JMC PROJECTS (INDIA) LIMITED



DPR DETAILS-

| | | | |
|-----|---------------------------|------------|-----------|
| SL. | Lowering Date- | 27.07.2029 | |
| 1 | Water Discharge In LPM- | 650 | |
| 2 | Machine Type- | | |
| 3 | Drilling Depth 500MM Dia- | 600MM Dia- | |
| 4 | Tube Well Assembly- | 300 X 150 | |
| 5 | 300MM Dia | 200MM Dia | 150MM Dia |
| 6 | | | |

1.- LOGGING REPORT

| Depth Logged- | MBGL | Date of Logging- | |
|---------------|------------------|-------------------|----------|
| SL. | Depth Range MBGL | Thickness in Mtr. | Remarks. |
| 1 | 35 - 40 | 05 | |
| 2 | 48 - 52 | 04 | |
| 3 | 60 - 75 | 15 | |
| 4 | 77 - 80 | 03 | |
| 5 | 85 - 91 | 06 | |
| 6 | 96 - 100 | 04 | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |

ASSEMBLY DETAILS

| | | | |
|-----|-----------------------------|-------|-------------|
| 300 | m.m Dia Housing Pipe A.G.L. | 0.5 | m |
| 300 | m.m Dia Housing Pipe | 35.73 | m |
| 300 | m.m Dia Reducer Pipe | 35.73 | to 35.93 m |
| 150 | m.m Dia Plain Pipe | 35.93 | to 62.55 m |
| 150 | m.m Dia slotted Pipe | 62.55 | to 74.55 m |
| 150 | m.m Dia Plain Pipe | 74.55 | to 85.58 m |
| 150 | m.m Dia slotted Pipe | 85.58 | to 90.58 m |
| 150 | m.m Dia Plain Pipe | 90.58 | to 96.61 m |
| 150 | m.m Dia slotted Pipe | 96.61 | to 99.61 m |
| 150 | m.m Dia Plain Pipe | 99.61 | to 105.64 m |
| | m.m Dia Pipe | | to m |
| | m.m Dia Pipe | | to m |
| | m.m Dia Pipe | | to m |

TOTAL ASSEMBLY= _____ m + A.G.L(m)= _____ m

3.- Proposed Assembly for Lowering

| | | |
|------|--------------------------------|-----------|
| (1) | 300MM DIA MSERW PLAIN PIPE = | 36.23 |
| (2) | 200 MM DIA MSERW PLAIN PIPE = | - |
| (3) | 150MM DIA MSERW PLAIN PIPE = | 49.71 |
| (4) | 300/150 MM DIA REDUCER = | 0.200 |
| (5) | 200/150 MM DIA REDUCER = | - |
| (6) | 150MM DIA MSERW SLOTTED PIPE = | 20 |
| (7) | 300 MM DIA WELL CAP = | 01 Pcs |
| (8) | 200MM WELL CAP = | - |
| (9) | 150MM DIA CENTER GUIDE = | 03 Nos |
| (10) | GRAVEL PACKING = | 38.54 cum |
| (11) | 600 MM DIA BORE DIGGING = | 40 |
| (12) | 500 MM DIA BORE DIGGING = | |
| | TOTAL ASSEMBLY = | |

MC *Amr Kumar* TPIA *Vivek Kumar* IF IUPIN *BAL* AF IUPIN FF IUPIN

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: PJM:22-23:LS: 423

Dated: 23-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Ladewan**
Block: **Mithaura**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **143.0 m bgl**
Logging Depth: **133.0 m bgl**
Date of logging: **22-07-2022**
Rm - **14.0 Ωm** Rw - **15.0 Ωm**

Borehole Drilled by: M/s JMC India Limited, Maharajganj, 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 (meter) | Remark (Quality of Aquifer Water) |
|---------------|---------------------|-------------------|-----------------------------------|
| 1. | 35 - 40 | 05 | Good |
| 2. | 48 - 52 | 04 | Good |
| 3. | 60 - 75 | 15 | Good |
| 4. | 77 - 80 | 03 | Good |
| 5. | 85 - 91 | 06 | Good |
| 6. | 96 - 100 | 04 | Good |

- Note: ~~1.~~ Fine Bands of Kankar are intermixed with almost all the Zones.
~~2.~~ Zone Sl. No. 3 is highly intermixed with thin bands of Kankar.
~~3.~~ Zone Sl. No. 6 is Fine to Medium Sand in nature.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G. G.
ASSISTANT HYDROGEOLOGIST
2.8.21
HANTRIK MANDAL
V.P. JAL NIGAM TR.
PRAYAGRAJ