

Name Of GP: Kathaicha BLOCK: Nathnagar DIST. - Sant Kabir Nagar

| DEPTH OF STRATA M.B.G.L | PROPOSED LOWERED ASSEMBLY | DPR DETAILS |
|-------------------------|---------------------------|---|
| 0 | 0.18m | SI Lowering Date - 28.01.2022 |
| | 0.02m | 1 Tubewell Discharge in LPM |
| | 0.05m | 2 Drilling Depth Dia- Dia- |
| 20 | 0.05m | 3 Tubewell Assembly Size - |
| | 5.98m | Depth Logged- Date of Logging - |
| | 6.02m | SI |
| 24 | 0.20m | Depth Range Mbgl |
| | 6.03m | Thickness in Mtr. |
| | 5.97m | Remarks. |
| | 1.45m | 1 20-24 04 |
| 55 | 6.03m | 2 55-65 10 |
| | 3.00m | 3 89-95 06 All good |
| 65 | 6.02m | 4 103-110 07 |
| | 6.02m | 5 130-137 07 |
| | 2.91m | 6 |
| 89 | 3.60m | 7 |
| | 6.02m | 8 |
| | 6.01m | 9 |
| 95 | 5.99m | Note- |
| | 6.02m | ASSEMBLY DETAILS |
| | 2.41m | 200 mm Dia Housing Pipe A.G.L 0.50m |
| 103 | 6.02m | 200 mm Dia Housing Pipe B.G.L 35.80m |
| | 6.07m | 200x150 mm Dia Reducer 35.80m to 36.00m |
| 110 | 6.03m | 150 mm Dia plain Pipe 36.00 to 55.48m |
| 130 | | 150 mm Dia slotted Pipe 55.48 to 64.50 |
| 137 | | 150 mm Dia plain Pipe 64.50 to 88.98m |
| 143 | | 150 mm Dia slotted Pipe 88.98 to 95.00 |
| | | 150 mm Dia plain Pipe 95.00 to 103.43m |
| | | 150 mm Dia slotted Pipe 103.43 to 109.50m |
| | | 150 mm Dia plain Pipe 109.50 to 115.53m |
| Total Depth- | AGL+0.50M | Total assembly- 115.53 Mtr. + A.G.L = 116.03M |
| TOTAL Assembly - | 116.03m | 3- Proposed Assembly for lowering |
| | | (1) 300MM DIA MSERW HOUSING PIPE = |
| | | (2) 200MM DIA MSERW HOUSING PIPE = 36.30m |
| | | (3) 150MM DIA MSERW PLAIN PIPE = 58.42m |
| | | (4) 150MM MSERW SLOTTED PIPE = 21.11m |
| | | (5) 300/150 REDUCER = |
| | | (6) 200/150 REDUCER = 0.20m |
| | | (7) 300MM DIA WELL CAP = |
| | | (8) 200MM DIA WELL CAP = |
| | | (9) 150MM DIA CENTRE GUIDE = |
| | | (10) MM DIA BORE DIGGING = |
| | | (11) MM DIA BORE DIGGING = |
| | | (11) Gravel Packing = |
| | | Total assembly- 116.03m |

Deepak Kumar. MEIL (QC) TPI (FICHTNER) CLIENT(SWSM/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: PJM:22-23:LS:1K- 301

Dated: 25-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Kathalchia
Block: Nath Nagar
District: Sant Kabir Nagar
State: Uttar Pradesh
Drilling Depth: 145.0 m bgl
Logging Depth: 143.0 m bgl
Date of logging: 23-01-2023
Rm - 27.0 Ω m Rw - 42.0 Ω m

Borehole Drilled by: M/s MEIL, Sant Kabir Nagar, 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. | 20 - 24 | 04 | Good |
| 2. | 55 - 65 | 10 | Good |
| 3. | 89 - 95 | 06 | Good |
| 4. | 103 - 110 | 07 | Good |
| 5. | 130 - 137 | 07 | Good |

Note: Zone Sl. No. 3, 4 & 5 are highly intermixed with fine bands of kankar.

Verified as per logs provided

*G.Sh
25/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)