

Name Of GP: Patti Badgo Hissa Samogar BLOCK: Hainser Bazar DIST. - Sant Kabir Nagar

DEPTH OF STRATA M.B.G.L. PROPOSED LOWERED ASSEMBLY

DPR DETAILS

| | | | |
|-----|--------------|------|-----------|
| 0 | Soil | 6.06 | 0.50 m GL |
| 30 | Sand + FK | 6.03 | |
| 36 | Clay | 6.04 | |
| 41 | Sand + FK | 6.02 | 35.70 m |
| 51 | H. Clay | 6.00 | 35.90 m |
| 54 | M. Sand + FK | 6.06 | |
| 61 | Clay | 6.21 | 54.17 m |
| 69 | M. Sand + FK | 6.00 | 60.17 m |
| 73 | Clay | 5.97 | |
| 80 | M. Sand + FK | 3.00 | 69.14 m |
| 88 | H. Clay | 6.00 | 72.14 m |
| 127 | M. Sand + FK | 2.03 | 80.17 m |
| 131 | Clay | 6.00 | 86.17 m |
| 140 | Sand + FK | 6.02 | |
| 144 | Sand + FK | 6.02 | |
| | | 6.02 | |
| | | 6.02 | |
| | | 6.02 | |
| | | 6.02 | |
| | | 6.02 | |
| | | 6.02 | |
| | | 4.80 | 127.09 |
| | | 3.01 | 130.09 |
| | | | 133.10 m |

| | | | |
|---------------|---------------------------|--|----------|
| SL | Lowering Date - | 30/03/2023 | |
| 1 | Tubewell Discharge in LPM | 550 LPM | |
| 2 | Drilling Depth | 144 m Di Dia- 550 mm ϕ - 40 m Di Dia- 500 mm ϕ - 104 m | |
| 3 | Tubewell Assembly Size | 200X150 mm ϕ | |
| Depth Logged- | | Date of Logging - | |
| Sl | Depth Range Mbgl | Thickness in Mtr. | Remarks. |
| 1 | 30-36 | 6 | |
| 2 | 41-51 | 10 | |
| 3 | 54-61 | 7 | all good |
| 4 | 69-73 | 4 | |
| 5 | 80-86 | 6 | |
| 6 | 127-131 | 4 | |
| 7 | 140-144 | 4 | |
| 8 | | | |
| 9 | | | |

Note:- All Zones are intermixed with fine bands of Kankar.

ASSEMBLY DETAILS

| | | |
|-------------------------------|--------------------|----|
| 200 mm Dia Housing Pipe A.G.L | 0.50 m | |
| 200 mm Dia Housing Pipe B.G.L | 35.70 m | |
| 200X150 mm Dia Reducer | 35.70 m to 35.90 m | |
| 150 mm Dia Plain Pipe | 35.90 to 54.17 | |
| 150 mm Dia Slotted Pipe | 54.17 to 60.17 | |
| 150 mm Dia Plain Pipe | 60.17 to 69.14 | |
| 150 mm Dia Slotted Pipe | 69.14 to 72.14 | |
| 150 mm Dia Plain Pipe | 72.14 to 80.17 | |
| 150 mm Dia Slotted Pipe | 80.17 to 86.17 | |
| 150 mm Dia Plain Pipe | 86.17 to 127.09 | |
| 150 mm Dia Slotted Pipe | 127.09 to 130.09 | |
| 150 mm Dia Plain Pipe | 130.09 to 133.10 | |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |
| mm Dia | Pipe | to |

Total assembly- 133.10 Mtr. + A.G.L = 133.60 m

3- Proposed Assembly for lowering

| | |
|----------------------------------|-----------|
| (1) 300MM DIA MSERW HOUSING PIPE | = |
| (2) 200MM DIA MSERW HOUSING PIPE | = 36.20 m |
| (3) 150MM DIA MSERW PLAIN PIPE | = 79.20 m |
| (4) 150MM MSERW SLOTTED PIPE | = 18.00 m |
| (5) 300/150 REDUCER | = |
| (6) 200/150 REDUCER | = 0.20 m |
| (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 Depth- AGL+0.50M +0.50 m Total assembly- 133.60 m
TOTAL Assembly- 133.60 m

MEIL (QC) TPI (FICHTNER) CLIENT(SWSM/UPJN)

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS:1K- 818
Dated: 29-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Patti Badgo
Block: Haisar Bazar
District: Sant Kabir Nagar
State: Uttar Pradesh
Drilling Depth: 144.0 m bgl
Logging Depth: 144.0 m bgl
Date of logging: 28-03-2023
Rm - 14.0 Ω m Rw - 15.0 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. | 30 - 36 | 06 | Good |
| 2. | 41 - 51 | 10 | Good |
| 3. | 54 - 61 | 07 | Good |
| 4. | 69 - 73 | 04 | Good |
| 5. | 80 - 86 | 06 | Good |
| 6. | 127 - 131 | 04 | Good |
| 7. | 140 - 144 | 04 | Good |

Note: 1. Fine bands of Kankar are intermixed with almost all the zones.
2. Zones Sl. No. 1 to 3 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

*G.Sh
29/03/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)