## BORE WELL DEVELOPMENT CHART (E/M)

**SWSM/DWSM**

**NCC LTD.- GORAKHPUR (UP)**

NAME OF THE DISTRICT- Gorakhpur
NAME OF THE BLOCK- Chargawan
NAME OF THE GRAM PANCHAYAT- Bankati Urf Etaiya
NAME OF THE VILLAGE-

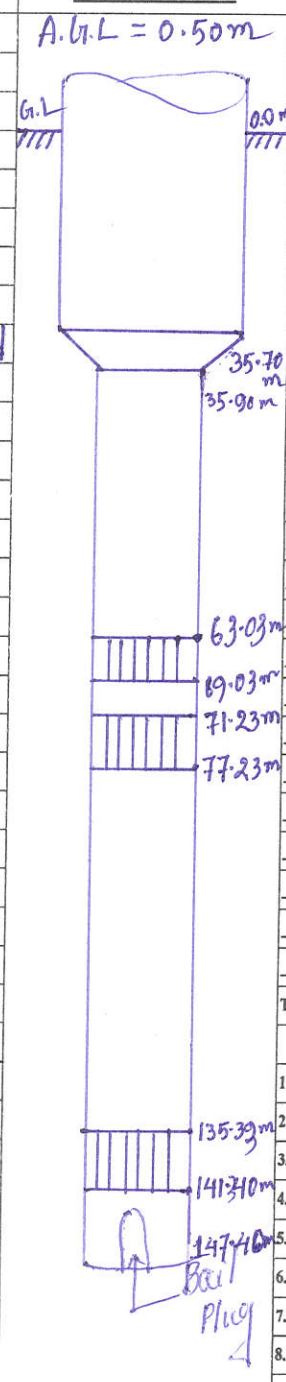
TYPE OF RIG M/C-
SIZE OF BORE- 550 X 500 mm
STATIC WATER LEVEL-
J.E Incharge- Asif Ansari A.E Incharge- Babban Yadav

Discharge of tubewell- 450 LPM

Assembly size - 200 X 150 mm

| DEPTH B.G.L IN METER | BORING CHART | STRATA |
|---|---|---|
| 0.0 m | | |
| 3.0 m | | Clay |
| 16.2 m | | Sandy clay |
| 20.5 m | | Medium Sand |
| 24.7 m | | Hard clay |
| 34.1 m | | Medium Sand |
| 40.3 m | | Coarse Sand mixed with Kankerz |
| 5 m | | Medium Sand |
| 62.1 m | | Sandy Clay |
| 78.5 m | | Medium Sand |
| 116.2 m | | Soft Clay |
| 120.4 m | | Fine Sand |
| 134.3 m | | Clay mixed with Sand & Kankerz |
| 147.1 m | | Medium Sand |
| 158.2 m | | Sandy clay |
| 162.5 m | | Medium Sand |
| 176 m | | Clay |

EXECUTED ASSEMBLY




ASSEMBLY DETAILS

| | | | | |
|---|---|---|---|---|
| 200 | mm Dia Housing Pipe A.G.L= | 0.50 | m | |
| 200 | mm Dia Housing Pipe | 0.0 | m to 35.70 | m |
| 200 | mm Dia Reducer | 35.70 | m to 35.90 | m |
| 150 | mm Dia pipe | 35.90 | m to 63.03 | m |
| 150 | mm Dia pipe | 63.03 | m to 69.03 | m |
| 150 | mm Dia pipe | 69.03 | m to 71.23 | m |
| 150 | mm Dia pipe | 71.23 | m to 77.23 | m |
| 150 | mm Dia pipe | 77.23 | m to 135.33 | m |
| 150 | mm Dia pipe | 135.33 | m to 141.34 | m |
| 150 | mm Dia pipe | 141.34 | m to 147.4 | m |
| | mm Dia pipe | | m to | m |
| | mm Dia pipe | | m to | m |
| | mm Dia pipe | | m to | m |
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| | mm Dia pipe | | m to | m |
| | mm Dia pipe | | m to | m |

Total Assembly= 147.40 m + A.G.L (m) = 147.90 m

**ABSTRACT**

1. Drilling Started-
2. Drilling Completed/Lowering- 31/10/21
3. Drilling Depth (m)- 176 m
4. Assembly Lowered (m)- 147.90 m
5. Housing Pipe (m)- 36.20 m
6. Plain Pipe(m)- 93.49 m
7. Slotted Pipe(m)- 18.01 m
8. Reducer(m)- 0.20 m

**LOGGING REPORT**

1- 16.0 – 20.0 m = 04.0 m
2- 24.0 – 34.0 m = 10.0 m
3- 40.0 – 56.0 m = 16.0 m
4- 62.0 – 78.0 m = 16.0 m
5- 116.0 – 120.0 m = 04.0 m
6- 134.0 – 147.0 m = 13.0 m
7- 158.0 – 162.0 m = 04.0 m
8-
9-
10-

SOUND TEST-

VERTICALITY TEST-

| NCC LTD | J.E & A.E | P.M.C/T.P.I.A | E.E |
|---|---|---|---|