## BORE WELL DEVELOPMENT CHART (E/M)

**SWSM/DWSM**

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

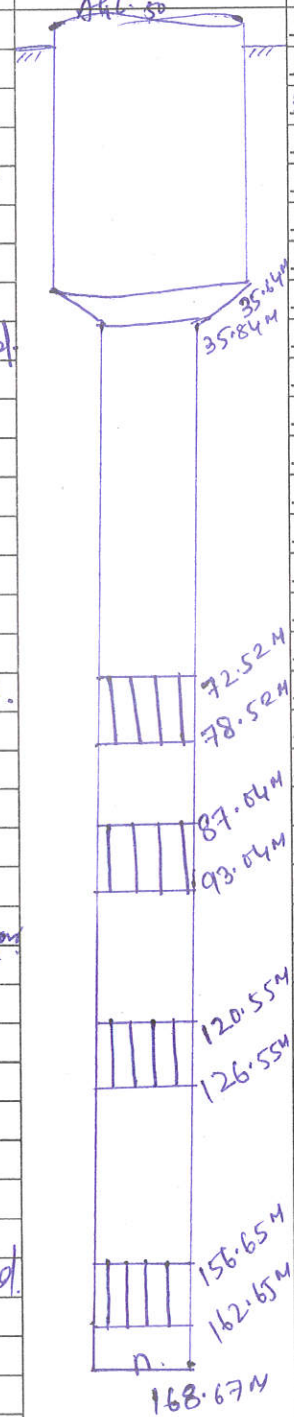
NAME OF THE DISTRICT- Gorakhpur.
NAME OF THE BLOCK- Sardarnagar.
NAME OF THE GRAM PANCHAYAT- Sathri
NAME OF THE VILLAGE-

TYPE OF RIG M/C- RC/DC.
SIZE OF BORE- 600 X 520
STATIC WATER LEVEL-
J.E Incharge A. Maurya A.E Incharge Babban Yadav.

Discharge - 700 LPM.

| DEPTH B.G.L IN METER | BORING CHART | STRATA |
|---|---|---|
| 0M | | clay. |
| 24.4M | | Medium Sand. |
| 30.6M | | Soft clay. |
| 37.2M | | Medium Sand. |
| 44.5M | | hard clay. |
| 50.4M | | Medium to Fine Sand. |
| 60.7M | | Soft clay. |
| 72.2M | | Medium Sand. |
| 79.6M | | Sandy clay |
| 86.3M | | Medium Sand. |
| 94.5M | | clay with kankar |
| 120.2M | | Coarse Sand |
| 127.6M | | Sandy clay. |
| 152.3M | | Medium Sand. |
| 166.5M | | clay. |
| 172M | | |

**EXECUTED ASSEMBLY**




**ASSEMBLY DETAILS**

| | | | | |
|---|---|---|---|---|
| 300 | mm Dia Housing Pipe | A.G.L= | 0.50 | m |
| 300 | mm Dia Housing Pipe | 0 m to | 35.64 | m |
| 300 | mm Dia Reducer | 35.64 m to | 35.84 | m |
| 150 | mm Dia Blind pipe | 35.84 m to | 72.52 | m |
| 150 | mm Dia Slotted pipe | 72.52 m to | 78.52 | m |
| 150 | mm Dia Blind pipe | 78.52 m to | 87.04 | m |
| 150. | mm Dia Slotted pipe | 87.04 m to | 93.04 | m |
| 150. | mm Dia Blind pipe | 93.04 m to | 120.55 | m |
| 150. | mm Dia Slotted pipe | 120.55 m to | 126.55 | m |
| 150. | mm Dia Blind pipe | 126.55 m to | 156.65 | m |
| 150. | mm Dia Slotted pipe | 156.65 m to | 162.65 | m |
| 150 | mm Dia Blind pipe | 162.65 m to | 168.67 | m |
| | mm Dia pipe | m to | | 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 |
| | mm Dia pipe | m to | | m |

Total Assembly= 168.67 m + A.G.L (m) = 169.17 m

**ABSTRACT**

1. Drilling Started-
2. Drilling Completed/Lowering- 16/08/2023
3. Drilling Depth (m)- ~~185~~ Aky 178
4. Assembly Lowered (m)- 169.17
5. Housing Pipe (m)- 36.14
6. Plain Pipe(m)- 108.83.
7. Slotted Pipe(m)- 24
8. Reducer(m)- 0.20

**LOGGING REPORT**

1- 24 - 30 = 6M
2- 37 - 44 = 7M
3- 50 - 60 = 10M
4- 72 - 79 = 7M
5- 86 - 94 = 8M
6- 120 - 127 = 7M
7- 152 - 166 = 14M
8-
9-
10-

SOUND TEST-
VERTICALITY TEST-