## BORE WELL DEVELOPMENT CHART (E/M)

**SWSM/DWSM**

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

NAME OF THE DISTRICT- Gorakhpur
NAME OF THE BLOCK- Bhathat
NAME OF THE GRAM PANCHAYAT- Langri Gwariya
NAME OF THE VILLAGE-

TYPE OF RIG M/C- RC/DC
SIZE OF BORE- 600 X 500 mm
STATIC WATER LEVEL-
J.E Incharge A. Morya A.E Incharge Babban yadav

Discharge = 1150 LPM

| DEPTH B.G.L IN METER | BORING CHART | STRATA |
|---|---|---|
| 0.0m | | |
| | | Sand Clay |
| 24.2m | | |
| | | Sand with Kankar |
| 34.3m | | |
| | | Clay + sand + Kankar |
| 38.1m | | |
| | | Fine sand |
| 50.4m | | |
| | | soft clay |
| 52.1m | | |
| | | Medium Sand |
| 59.5m | | |
| | | Coarse sand + kankar + clay |
| 68.2m | | |
| | | sand + kankar |
| 75.5m | | |
| | | clay |
| 80.1m | | |
| | | medium sand |
| 84.3m | | |
| | | clay + sand |
| 92.1m | | |
| | | Sand + kankar |
| 100.4m | | |
| | | soft clay |
| 105.1m | | |
| | | Fine sand |
| 110.3m | | |
| | | clay + kankar |
| 136.5m | | |
| | | Coarse sand + kankar + clay |
| 144.0m | | |
| 165.0m | | |

**EXECUTED ASSEMBLY**

AGL = 0.5m
35.74m
35.94m
52.5m
58.5m
68.5m
74.5m
80.5m
83.5m
93.5m
99.5m
106.5m
109.5m
137.49m
143.49m
150.04m
Bail Plug

**ASSEMBLY DETAILS**

| | | | | |
|---|---|---|---|---|
| 300 | mm Dia Housing Pipe A.G.L= | 0.5 | m | |
| 300 | mm Dia Housing Pipe | 0 | m to | 35.74 m |
| 300 | mm Dia Reducer | 35.74 | m to | 35.94 m |
| 150 | mm Dia Blind pipe | 35.94 | m to | 52.5 m |
| 150 | mm Dia Slotted pipe | 52.5 | m to | 58.5 m |
| 150 | mm Dia Blind pipe | 58.5 | m to | 68.5 m |
| 150 | mm Dia Slotted pipe | 68.5 | m to | 74.5 m |
| 150 | mm Dia Blind pipe | 74.5 | m to | 80.5 m |
| 150 | mm Dia Slotted pipe | 80.5 | m to | 83.5 m |
| 150 | mm Dia Blind pipe | 83.5 | m to | 93.5 m |
| 150 | mm Dia Slotted pipe | 93.5 | m to | 99.5 m |
| 150 | mm Dia Blind pipe | 99.5 | m to | 106.5 m |
| 150 | mm Dia Slotted pipe | 106.5 | m to | 109.5 m |
| 150 | mm Dia Blind pipe | 109.5 | m to | 137.49 m |
| 150 | mm Dia Slotted pipe | 137.49 | m to | 143.49 m |
| 150 | mm Dia Blind pipe | 143.49 | m to | 149.51 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 |
| | mm Dia pipe | | m to | m |
| | mm Dia pipe | | m to | m |
| Total Assembly= | 149.51 | m + A.G.L (m) = | 150.04 | m |

**ABSTRACT**

1. Drilling Started-
2. Drilling Completed/Lowering- 17/02/2023
3. Drilling Depth (m)- 165.0
4. Assembly Lowered (m)- 150.04
5. Housing Pipe (m)- 35.74
6. Plain Pipe(m)- 83.6
7. Slotted Pipe(m)- 30 (LCG)
8. Reducer(m)- 0.20

**LOGGING REPORT**

1- 24-34 = 10m
2- 38-50 = 12m
3- 52-59 = 7m
4- 68.0-75.0 = 7m
5- 80-84 = 4m
6- 92-100 = 8m
7- 105-110 = 5m
8- 136-144 = 8m
9-
10-

SOUND TEST-
VERTICALITY TEST-

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