

Completion Plan Of Tubewell

Name Of Work :- Construction of T. W. of G.P. Sarva, Block- Phool Behar, District, Lakhimpur Kheri. *Zaveri*

Name Of Program :- J. J. M-2

Name of client :- S.W.S.M. & U.P. JAL NIGAM (R)

Name Of Contractor :- M/S NCC Limited

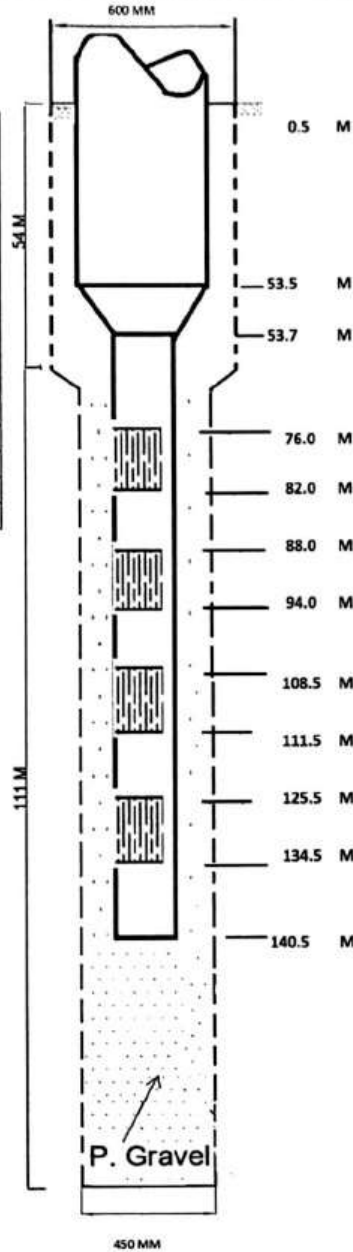
Name Of TPI :- Ceinsys Tech Limited

Contract Agreement :- 64/ED/2020-21 Dt. 12.03.2021

Cover Agreement :- 313/ED/2022-23/V Dt. 02.08.2022

Lowered Assembly Chart of T. W of Sarva G.P W/S Scheme District :- Lakhimpur Kheri.

| Strata | | |
|-----------|-----------------|--|
| 0 - 5 | M, Surface Soil | |
| 5 - 25 | M, Medium Sand | |
| 25 - 50 | M, Clay Kankar | |
| 50 - 57 | M, Medium Sand | |
| 57 - 60 | M, Clay Kankar | |
| 60 - 65 | M, Medium Sand | |
| 65 - 76 | M, Clay Kankar | |
| 76 - 82 | M, Medium Sand | |
| 82 - 87 | M, Clay Kankar | |
| 87 - 95 | M, Medium Sand | |
| 95 - 108 | M, Clay Kankar | |
| 108 - 112 | M, Medium Sand | |
| 112 - 125 | M, Clay Kankar | |
| 125 - 135 | M, Medium Sand | |
| 135 - 142 | M, Clay Kankar | |
| 142 - 152 | M, Medium Sand | |



| ABSTRACT | | |
|----------|--------------------------|---------------|
| 1 | Type of Rig Machine | :- DC/RC |
| 2 | Static Water level | :- |
| 3 | Required Discharge | :- 1700 LPM |
| 4 | Bore Size (MM) | :- 600 X 450 |
| 5 | Assembly Size (MM) | :- 300 X 150 |
| 6 | Drilling Starting Date | :- 08-04-2023 |
| 7 | Drilling Completion Date | :- 12-04-2023 |
| 8 | Total Depth Of Drilling | :- 165 M |
| 9 | Logging Date | :- 13-04-2023 |
| 10 | Logging Depth | :- 155 M |

| Logging Report | | | |
|----------------|--------------|---------------|------------|
| Sl No | Depth (mbgl) | Thickness (m) | Remarks |
| 1 | 50 - 57 | 7 | (Good All) |
| 2 | 60 - 65 | 5 | |
| 3 | 76 - 82 | 6 | |
| 4 | 87 - 95 | 8 | |
| 5 | 108 - 112 | 4 | |
| 6 | 125 - 135 | 10 | |
| 7 | 142 - 152 | 10 | |

| 11 Details of Lowered Assembly | | | |
|--------------------------------|------------------|---------------------------|--------------|
| i) | 300 | MM Dia Housing Pipe | :- 54.0 M |
| ii) | 150 | MM Dia M. S. Slotted pipe | :- 24.0 M |
| iii) | 150 | MM Dia M. S. Plain pipe | :- 62.8 M |
| iv) | 300 X 150 | MM Dia M S Reducer | 0.2 M |
| Total :- | | | 141.00 Meter |
| AGL :- | | | 0.50 Meter |
| BGL :- | | | 140.50 Meter |
| 12 | Date of Lowering | :- | 14-04-2023 |



Recommended & Prepared by
M/S. NCC Ltd.

Verified by
M/S. Ceinsys Tech Ltd.

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Ref: GIC/JIM/ Kheri/58

Date : 13.04.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sarva, Block – Phool Behad
Distt. – Kheri

Drilling Depth : 165 mbgl as Reported by Driller

Logged Depth : 155 ~~mbgl~~

Date of Logging : 13.04.23

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : IGIS

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Types of strara | R_{mf} & R_w |
|--------------|----------------------|---------------|-----------------|-------------------------------------------------------------------------------------|
| 1 | 50 – 57 | 7 | Good | $R_{mf} = 24.2 \Omega m$ $R_w = 26.3 \Omega m$ |
| 2 | 60 – 65 | 5 | Good | |
| 3 | 76 – 82 | 6 | Good | |
| 4 | 87 – 95 | 8 | Good | |
| 5 | 108 – 112 | 4 | Good | |
| <u>6</u> | 120 – 135 | 15 | Good | |
| 7 | 142 – 152 | 10 | Good | |

Remark : ~~All zones are intermixed with fine bands of kankar.~~

C C :

1.M/S NCC Ltd Kheri

*Verified as per logs provided
Note: Sr No 6-125-135 (10m)
G.S.R
14/04/23*

Arind

(A.K. Singh)
Geophysicist