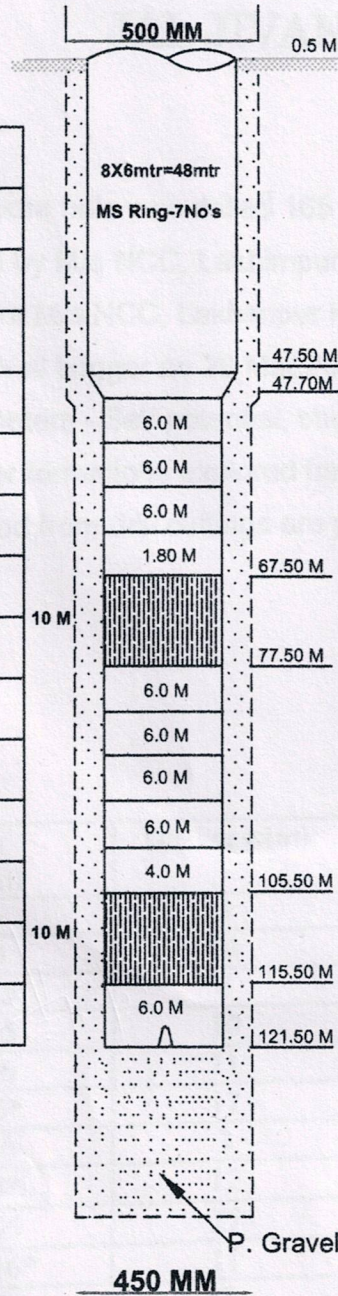


COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Dhanpur , Block-Mitauli, District, Lakhimpur Kheri.
Name of Program :- J.J.M-3
Name of client :- S.W.S.M. & U.P. AL NIGAM (R)
Name of Contractor :- M/S NCC Limited
Name of TPI :- Ceinsys Tech Limited
Cover Agreement :- 260/ED/Phase-3/2022-23/X, Dated 24.12.2022
Lowered Assembly Chart of T. W of G.P. Dhanpur , Block-Mitauli,

Strata

0-5 mtr Surface Soil
5-21 mtr Fine to Medium Sand
21-25 mtr Clay Kankar
25-35 mtr Medium Sand
35-46 mtr Clay Kankar
46-63 mtr Medium Sand
63-66 mtr Clay Kankar
66-78 mtr Medium Sand
78-105 mtr Clay Kankar
105-116 mtr Medium Sand
116-123 mtr Clay Kankar
123-130 mtr Medium Sand
130-144 mtr Clay Kankar
144-152 mtr Medium Sand
152-165 mtr Clay Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Required Discharge :- 510 LPM
3	Bore Size (MM) :- 500x450
4	Assembly Size (MM) :- 200 x 150
5	Drilling Starting Date :- 18.03.2023
6	Drilling Completion Date :- 25.03.2023
7	Total Depth Of Drilling :- 165M
8	Logging Date :- 26.03.2023
9	Logging Depth :- 165M

Logging Report By Ground Water Investigation Center				
Sl.No	Depth (mbgl)	Thickness (m)	Lithology	Remarks
1	46-63	17	Medium Sand	Good
2	66--78	12	Medium Sand	Good
3	105--116	11	Medium Sand	Good
4	144--152	8	Medium Sand	Good

(G.Shukla)
 Verified by Asst. Hydrologist
 Circle Office(E&M) U.P al
 Nigam (Rural)

(A.K Singh)
 Verified by Geophysicist
 GIC Lucknow.

11. Details of Lowered Assembly	
i)	200 mm Dia Housing Pipe :- 48.0 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 20.00Meter
iii)	150 mm Dia M. S. Plain pipe :- 53.80Meter
iv)	200 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 122.00 Meter	
AGI :- 00.50 Meter	
BGL :- 121.50 Meter	
12. Date of Lowering :- 28.03.2023	

Recommended & Prepared by



Verified by

M/s Ceinsys Tech Ltd

Recommended by

VIKAS J. ER. YADAV
 13th Division UP al E&M
 Nigam (R) Lucknow
 U.P. JAL NIGAM
 LUCKNOW

Approved by

A.E
 13th Division UP al
 Nigam (R) Lucknow

E.E
 13th Division U.P al Nigam
 (R) Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DHANPUR, BLOCK- MITAULI, DISTT-LAKHIMPUR KHIRI
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~165~~ mtrs. at above site. Was drilled by M/s NCC, Lakhimpur Khiri.

On the request of M/s NCC, Lakhimpur Khiri. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 26.Mar.2023.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

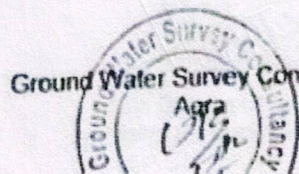
Mud Resistivity = 25.19 Ohms.

Drilling Water Resistivity = 26.40 Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 21	16	Fine to Medium sand	Good
3.	21 - 25	4	Clay kankar	
4.	25 - 35	10	Medium sand	Good
5.	35 - 46	11	Clay kankar	
6.	46 - 63*	17	Medium sand	Good
7.	63 - 66	3	Clay kankar	
8.	66 - 78*	12	Medium sand	Good
9.	78 - 105	27	Clay kankar	
10.	105 - 116*	11	Medium sand	Good
11.	116 - 123	7	Clay kankar	
12.	123 - 130	7	Sand & kankar	Good
13.	130 - 144	14	Clay kankar	
14.	144 - 152*	8	Medium sand	Good
15.	152 - 165	13	Clay kankar	

G.Sh
20/10/23



- Logging performed as per SWM guideline.
- Groundwater quality interpreted by fomas per their logger calibration