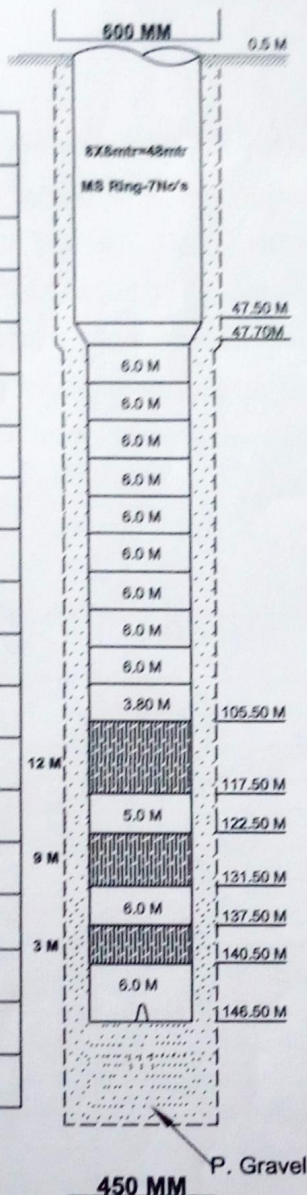


COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Odra , Block-Mitauli, District, Lakhimpur Kheri.
 Name of Program :- J.J.M-2
 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 :- 283/ED/Phase-2/2022-23/IX, Dated 03.01.2023
 Lowered Assembly Chart of T. W of G.P. Odra , Block-Mitauli,

Strata

0-5 mtr Surface Soil
5-20 mtr Sand & Kankar
20-25 mtr Clay Kankar
25-34 mtr Medium Sand
34-40 mtr Clay Kankar
40-48 mtr Medium Sand
48-53 mtr Clay Kankar
53-61 mtr Medium Sand
61-66 mtr Clay Kankar
66-73 mtr Medium Sand
73-86 mtr Clay Kankar
86-90 mtr Medium Sand
90-98 mtr Clay Kankar
98-100 mtr Fine Sand
100-105 mtr Caving Clay
105-132 mtr Medium Sand
132-137 mtr Clay Kankar
137-148 mtr Medium Sand
148-165mtr Clay Kankar



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Required Discharge :- 700 LPM
3	Bore Size (MM) :- 600x450
4	Assembly Size (MM) :- 300 x 150
5	Drilling Starting Date :- 20.03.2023
6	Drilling Completion Date :- 26.03.2023
7	Total Depth Of Drilling :- 165M
8	Logging Date :- 27.03.2023
9	Logging Depth :- 165M

Logging Report By Ground Water Investigation Center				
Sl.No	Depth (mbgl)	Thickness (m)	Lithology	Remarks
1	53-61	8	Medium Sand	Good
2	66-73	7	Medium Sand	Good
3	86-90	4	Medium Sand	Good
4	105-132	27	Medium Sand	Good
5	137-145	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)	300 mm Dia Housing Pipe :- 48.0 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 24.00Meter
iii)	150 mm Dia M. S. Plain pipe :- 74.80Meter
iv)	300 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 147.00 Meter	
AGI :- 00.50 Meter	
BGL :- 146.50 Meter	
12. Date of Lowering	:- 30/03/2023

Recommended & Prepared by

[Signature]
 M/s NCC Ltd

Verified by

M/s Ceinsys Tech Ltd

Recommended by

[Signature]
 J.E
 13th Division UP al
 Nigam (R) Lucknow

Approved by

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

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- ODARA, 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 27. 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 = 20.91 Ohms.

Drilling Water Resistivity = 21.87 Ohms.

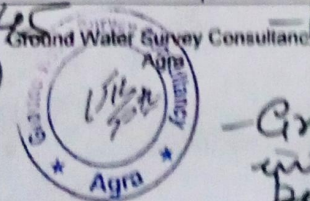
Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 20	15	Sand & kankar	Good
3.	20 - 25	5	Clay kankar	
4.	25 - 34	9	Medium sand	Good
5.	34 - 40	6	Clay kankar	
6.	40 - 48	8	Medium sand	Good
7.	48 - 53	5	Clay kankar	
8.	53 - 61*	8	Medium sand	Good
9.	61 - 66	5	Clay kankar	
10.	66 - 73*	7	Medium sand	Good
11.	73 - 86	14	Clay kankar	
12.	86 - 90*	4	Medium sand	Good
13.	90 - 98	8	Clay kankar	
14.	98 - 100	12	Fine sand	Good
15.	100 - 105	5	Clay kankar	
16.	105 - 132*	27	Medium sand	Good
17.	132 - 137	5	Clay kankar	
18.	137 - 148*	11	Medium sand	Good
19.	148 - 165	17	Clay kankar	

Sr No 18 - 137-148

(8m)

GSA
28/03/23



- Logging performed as per SWSM guidelines. Groundwater quality interpreted by firm as per their logger calibration