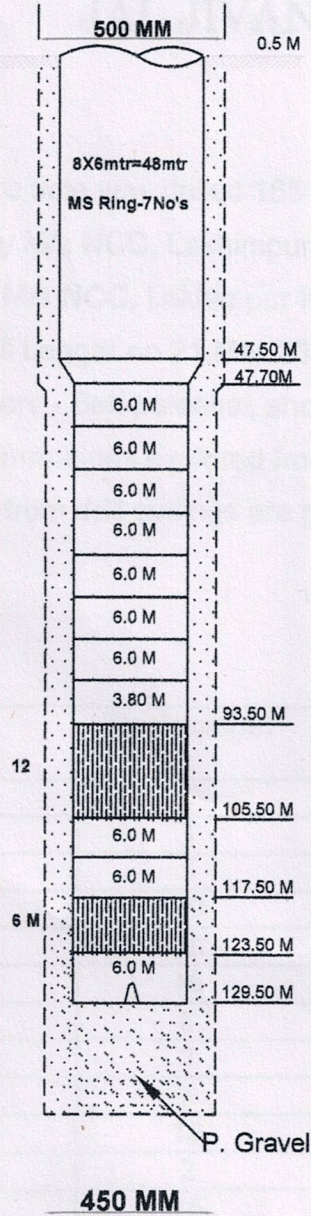


COMPLETION PLAN OF TUBEWELL

Name of work :- Construction of T. W. of G.P. Munda hardaspur, 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 :- 322/ED/Phase-3/2022-23/XIII, Dated 18.01.2023
Lowered Assembly Chart of T. W of G.P. Munda hardaspur, Block-mitauli,

Strata

0-5 mtr Surface Soil
5-8 mtr Medium Sand
8-15 mtr Clay
15-34 mtr Fine to Medium Sand
34-50 mtr Clay Kankar
50-60 mtr Medium Sand
60-68 mtr Clay Kankar
68-75 mtr Medium Sand
75-80 mtr Clay Kankar
80-89 mtr Medium Sand
89-92 mtr Clay Kankar
92-108 mtr Medium Sand
108-115 mtr Clay Kankar
115-127 mtr Medium Sand
127-134 mtr Clay Kankar
134-145 mtr Medium Sand
145-150 mtr Clay Kankar
150-165 mtr lose Sandy



ABSTRACT	
1	Type of Rig Machine :- DC Cum RC
2	Required Discharge :- 450 LPM
3	Bore Size (MM) :- 500x450
4	Assembly Size (MM) :- 200 x 150
5	Drilling Starting Date :- 14.03.2023
6	Drilling Completion Date :- 20.03.2023
7	Total Depth Of Drilling :- 165M
8	Logging Date :- 21.03.2023
9	Logging Depth :- 165M

Logging Report By Ground Water Investigation Center				
Sl.No	Depth (mbgl)	Thickness (m)	Lithology	Remarks
1	50-60	10	Medium Sand	Good
2	68--75	7	Medium Sand	Good
3	80--89	9	Medium Sand	Good
4	92--108	16	Medium Sand	Good
5	115--127	12	Medium Sand	Good
6	134--145	11	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 :- 48.00 Meter
ii)	150 mm Dia M. S. Slotted pipe :- 18.00Meter
iii)	150 mm Dia M. S. Plain pipe :- 63.80 Meter
iv)	200 x 150 mm Dia M S Reducer :- 0.20 Meter
Total :- 130.00 Meter	
AGI :- 00.50 Meter	
BGL :- 129.50 Meter	
12. Date of Lowering	:- 23/03/23

Recommended

&
Prepared by



M/s NCC Ltd

Verified by

M/s Ceinsys Tech Ltd

J.E
 Divisional office
 (E&M) UP Jal Nigam
 (R) Lucknow

Recommended by

A.E
 Divisional office (E&M)
 UP Jal Nigam (R)
 Lucknow

Approved by

E.E
 Divisional office (E&M) UP
 Jal Nigam (R) Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth ~~150~~ 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 21.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 = 23.91 ~~Ohms.~~

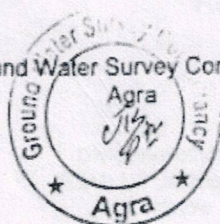
Drilling Water Resistivity = 25.31 ~~Ohms.~~

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Dry sand	
3.	8 - 15	7	Clay	
4.	15 - 34	19	Medium sand	Good
5.	34 - 50	16	Clay kankar	
6.	50 - 60*	10	Medium sand	Good
7.	60 - 68	8	Clay kankar	
8.	68 - 75*	7	Medium sand	Good
9.	75 - 80	5	Clay kankar	
10.	80 - 90*	10	Medium sand	Good
11.	90 - 92	2	Clay kankar	
12.	92 - 108*	16	Medium sand	Good
13.	108 - 115	7	Clay kankar	
14.	115 - 127*	12	Medium sand	Good
15.	127 - 134	7	Clay kankar	
16.	134 - 145*	11	Medium sand	Good
17.	145 - 150	5	Clay kankar	

Sr No 10 - 80-89

(9m) Ground Water Survey Consultancy



G.Sh
22/03/23

- Logging performed as per GWSM guidelines
Groundwater quality interpreted by fermas per their logger calibration