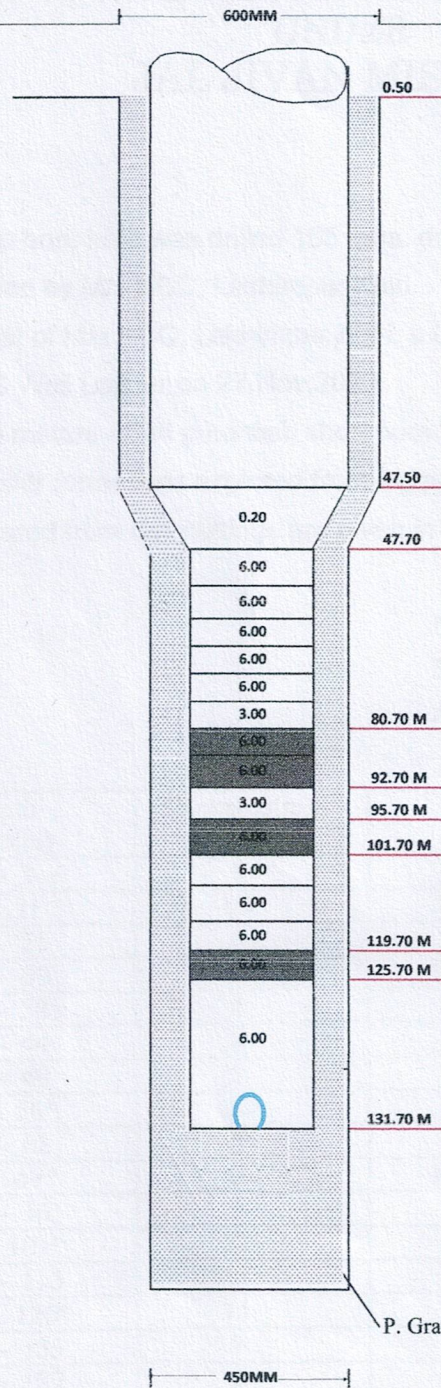


COMPLETION PLAN OF TUBEWELL

NAME OF WORK	:- Construction of T.W- of G.P - Ajwapur, Block -Pasgawan ,Distt. Lakhimpur
NAME OF PROGRAMME	:- JJM-2,
NAME OF CLIENT	:- SW.S.M. & U.P.JAL NIGAM
NAME OF CONTRACTOR	:- M/S NCC Limited
NAME OF TPI	:- Ceinsys Tech Limited
CONTRACT AGREEMENT	:- 64/ED/Phase-2/2020-21 Dated on 12.3.2021
COVER AGREEMENT	:- 260/ED/Phase3/2022-23/X, Dated 24.12.2022

Lowered Assembly Chart of T.W. of G.P-Ajwapur, Block -Pasgawan ,Distt. Lakhimpur

Strata	
0-5	Surface soli
5-21	Medium Sand
21-25	Clay kankar
25-30	Fine to Medium Sand
30-38	Clay kankar
38-44	Medium Sand
44-49	Clay kankar
49-56	Medium Sand
56-62	Clay kankar
62-67	Fine to Medium Sand
67-76	Clay kankar
76-103	Medium Sand
103-115	kankar
115-126	Medium Sand
126-135	Clay kankar
135-137	Fine Sand
137-155	Clay kankar
155-165	Sandy Clay



ABSTRACT		
1-	Type of Rig Machine	R.C. CUM D.C.
2-	Required Discharge	680
3-	Bore Size (MM)	600x450
4-	Assembly size (MM)	300x150
5-	Drilling Starting Date	20-11-2023
6-	Drilling Completion Date	26-11-2023
7-	Total Depth of Drilling	165 Mtr
8-	Logging Date	27-11-2023
9-	Logging Depth	155 Mtr

Logging Report By Water Investigation Ceter				
S. No.	Depth Range (mbgl)	Thickness (M.)	Lithology	Remarks
1	49-56	7	Medium Sand	Good
2	62-67	5	Fine to M.S.	Good
3	76-103	27	Medium Sand	Good
4	115-126	6	Medium Sand	Good

(G.Shukla) Verified by Asst Hydrologist Circle Office (E&M) U.P Jal Nigam (Rural)	(A.K Singh) Verified By Geophysicist GIC Lucknow.
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11 Details of Lowered Assembly		
(i)	300 mm Dia Housing Pipe	48.00 Meter
(ii)	150 mm Dia M.S Slotted Pipe	24.00 Meter
(iii)	150 mm Dia M.S Plain Pipe	60.00 Meter
(iv)	300 X 150 mm Dia M.S Reducer	0.20 Meter
Total		132.20
AGL		0.50
BGL		131.70
Date Of Lowering		30-11-2023

Recommended & Prepared by

Verified & Checked By

Recommended By

Approved By



TPI
M/s Ceinsys Tech Ltd

J.E.
Divisional Office (E&M)
U.P. Jal Nigam(Rural)
Lucknow

X.E.
Divisional Office (E&M)
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Divisional Office (E&M)
U.P. Jal Nigam(Rural)
Lucknow

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AJWAPUR, BLOCK- PASGAWAN, DISTT- LAKHIMPUR KHIRI UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 165 mtrs. depth. and Logged depth 155 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.Nov.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 = 22.81 Ohms.

Drilling Water Resistivity = 23.66 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	Medium sand	
3.	21 - 25	4	Clay kankar	
4.	25 - 30	5	Fine to Medium sand	Good
5.	30 - 38	8	Clay kankar	
6.	38 - 44	6	Medium sand	Good
7.	44 - 49	5	Clay kankar	
8.	49 - 56*	7	Medium sand	Good
9.	56 - 62	6	Clay kankar	
10.	62 - 67*	5	Fine to Medium sand	Good
11.	67 - 76	9	Clay kankar	
12.	76 - 103*	27	Medium sand	Good
13.	103 - 115	12	Kankar	
14.	115 - 126*	11	Medium sand	Good
15.	126 - 135	9	Clay kankar	
16.	135 - 137	2	Fine sand	Good
17.	137 - 155	18	Clay kankar	

Ground Water Survey Consultancy

