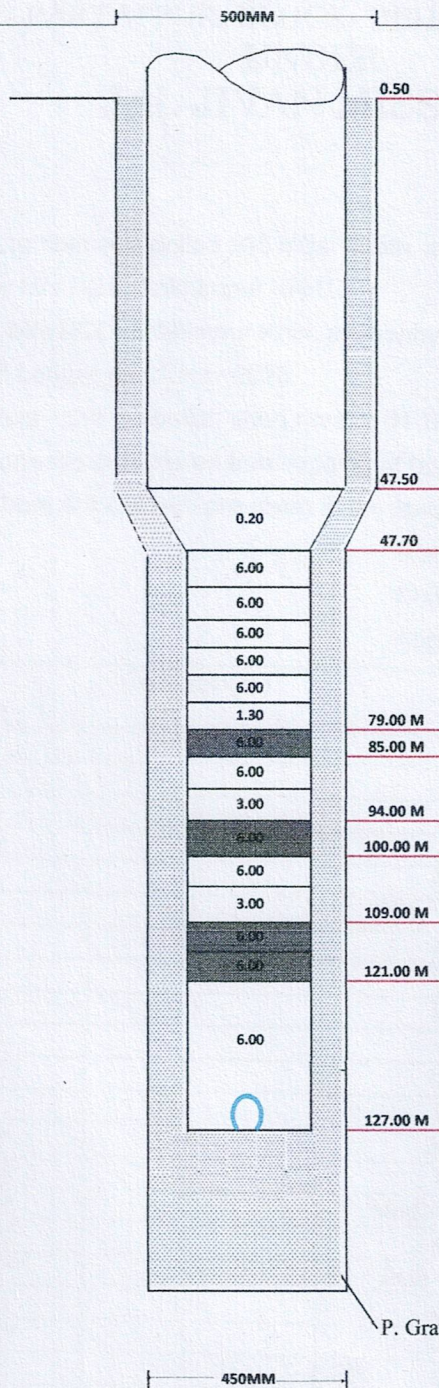


COMPLETION PLAN OF TUBEWELL

NAME OF WORK	:- Construction of T.W- of G.P - Partap pur, Block -Behjam ,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	:- 283/ED/Phase 2/2022-23/IX Dt. 03 Jan 2023

Lowered Assembly Chart of T.W. of G.P- Partap pur, Block -Behjam ,Distt. Lakhimpur

Strata	
0-5	Surface soli
5-10	Clay kankar
10-16	Fine Sand
16-20	kankar
20-36	Medium Sand
36-45	Clay kankar
45-53	Medium Sand
53-60	Clay kankar
60-71	Medium Sand
71-78	Clay kankar
78-86	Medium Sand
86-92	Clay kankar
92-102	Medium Sand
102-108	Clay kankar
108-126	Medium Sand & kankar
126-132	Clay kankar
132-135	Fine to Medium Sand
135-145	Clay kankar
145-150	Medium Sand
150-155	Clay kankar
155-159	Medium Sand
159-165	Clay kankar



ABSTRACT		
1-	Type of Rig Machine	R.C. CUM D.C.
2-	Required Discharge	580
3-	Bore Size (MM)	500x450
4-	Assembly size (MM)	200x150
5-	Drilling Starting Date	22-10-2023
6-	Drilling Completion Date	30-10-2023
7-	Total Depth of Drilling	165 Mtr
8-	Logging Date	01-11-2023
9-	Logging Depth	165 Mtr

Logging Report By Water Investigation Ceter				
S. No.	Depth Range (mbgl)	Thickness (M.)	Lithology	Remarks
1	60-71	11	Mediun Sand	Good
2	78-86	8	Mediun Sand	Good
3	92-102	10	Mediun Sand	Good
4	108-126	18	M.S. & Kankar	Good
5	132-135	3	Fine to M.S.	Good
6	145-150	5	Mediun Sand	Good
7	155-159	4	Mediun 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		
109.00 M	(i) 200 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	55.30 Meter
	(iv) 200 X 150 mm Dia M.S Reducer	0.20 Meter
	Total	127.50
	AGL	0.50
	BGL	127.00
	Date Of Lowering	03-11-2023

Recommended & Prepared by M/s NCC LTD.	Verified & Checked By TPI M/s Ceineys Tech Ltd	Recommended By J.E. Divisional Office (E&M) U.P. Jal Nigam(Rural) Lucknow	Approved By A.E. Divisional Office (E&M) U.P. Jal Nigam(Rural) Lucknow
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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PARTAPPUR, BLOCK- BEIJAM, 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 01.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 = 21.54 Ohms.

Drilling Water Resistivity = 22.36 Ohms.

Approx Water Level = 2 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Clay kankar	
3.	10 - 16	6	Fine sand	
4.	16 - 20	4	Kankar	
5.	20 - 36	16	Medium sand	Good
6.	36 - 45	9	Clay kankar	
7.	45 - 53	8	Medium sand	Good
8.	53 - 60	7	Clay kankar	
9.	60 - 71*	11	Medium sand	Good
10.	71 - 78	7	Clay kankar	
11.	78 - 86*	8	Medium sand	Good
12.	86 - 92	6	Clay kankar	
13.	92 - 102*	10	Medium sand	Good
14.	102 - 108	6	Clay kankar	
15.	108 - 126*	18	Medium sand & kankar	Good
16.	126 - 132	6	Clay kankar	
17.	132 - 135*	3	Fine to Medium sand	Good
18.	135 - 145	10	Clay kankar	
19.	145 - 150*	5	Medium sand	Good
20.	150 - 155	5	Clay kankar	
21.	155 - 159*	4	Medium sand	Good
22.	159 - 165	6	Clay kankar	

Ground Water Survey Consultancy
Agra

