

# OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Completion plan of -Khajuri WSS , BLOCK- Jagatpur, UNDER JJM PHASE-II-( 134 /28 )

Type of Rig Machine- D. C RIG MACHINE

Size of Bore - 500 X 450mm,

District

Raebareli

Static W/L-

LPM-600

Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

DEPTH OF BORE IN M.B.G.L	DEPTH OF STRATA IN M.B.G.L.	LOWERED ASSEMBLY	DETAILS OF ASSEMBLY
	±0.00	+0.50 -0.00	Ø 200 mm dia Housing Plain pipe from (AGL) 0.00 MAGL to 0.50 MAGL 0.50 M.
	-08.77	-0.00	Ø 200 mm dia Housing Plain pipe from (BGL) 0.00 MBGL to 42.00 MBGL 42.00 M.
	-24.45	-42.00	Ø 200 mm dia Pipe Slotted pipe from 42.00 MBGL to 52.00 MBGL 10.00 M.
		-52.00	Ø 200 mm dia Pipe Plain pipe from 52.00 MBGL to 55.00 MBGL 3.00 M.
		-55.00	Ø 200 X Ø 150 mm dia Reducer from 55.00 MBGL to 55.20 MBGL 0.20 M.
		-55.20	Ø 150 mm dia Pipe Ball Plug from 55.20 MBGL to 61.20 MBGL 6.00 M.
		-61.20	
-93.00			
-114.00			
-160.00			
-200.00			
			<b>Total Assembly (AGL + BGL) - 61.70 M.</b>
<b>ABSTRACT</b>			
1. Drilling Started on Dated -- 8.09.2022			
2. Drilling Completed on Dated -- 13.09.2022			
3. Drilling Depth -- 500 mm Dia 61.00 M			
450 mm Dia 139.00 M			
Total- 200.00 M			
4. Assembly lowered on Dated -- 20.09.2022			
5. Assembly Lowered -			
(A) Housing pipe 200 mm dia (AGL) - 0.50 M			
(B) Housing pipe (Plain) 200 mm dia (BGL) - 45.00 M			
(D) Reducer (200 mm X 150 dia) - 0.20 M			
(E) Slotted pipe/screen - 200 mm dia - 10.00 M			
(F) Slotted pipe/screen 150 mm dia - 0.00 M			
(F) Plain pipe 150 mm dia - 6.00 M			
Total assembly- 61.70			
6. Yield Test Date of T/w - N/A			
7. Recommended Discharge - N/A			
<b>LOGGING REPORT</b>			
Depth Logged-200.00 Mbgl			REF:GIC/JJM:RBL/27 Dated-14-09-2022
			Date of Logging-14.09.2022
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	28-33	5	
2	42-52	10	Good
3			Good
4			
5			
6			
7			
8			
9			
Note:-1) Formation water Quality is deteriorating from marginal to saline in between 80.0 m bgl to till depth logged. PI ensure pre-monsoon water level before lowering			

Manager (G.W.)

Prepared & Proposed By

M/S NCC,  
PROJECT (SWSM-Raebareli)

Checked By

Pankaj  
TPIA  
(CEINSYS)

Recommended By

Assistant Engineer  
(UPJN)

Approved By

Executive Engineer  
(UPJN)

Junior Engineer  
(UPJN)



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/27

Date : 14.09.22

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Khajuriya, Block - Jagatpur  
Distt. - Raebareli *Please update*

Drilling Depth : 205 mbgl - as reported by driller.

Logged Depth : 200 mbgl

Date of Logging : 14.09.22

Types of Log : S.P. & Resistivity (Normal & Lateral)

Logger Used : ~~Upfron~~

Presence : Representative of M/S NCC Ltd.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Types of strara	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	28 - 33	5	Good	R <sub>mf</sub> = 20 Ωm
<del>2</del>	42 - 52	10	Good	R <sub>w</sub> = 21.6 Ωm

Remark : ~~Formation water quality is deteriorating from marginal to saline in between 80 mbgl to till depth logged. Pl ensure pre-monsoon water level before lowering.~~

CC :

1. M/S N C C Limited, Raebareli Rural (SWSM Project)

*Verified as per logs provided.*

GIC  
ASSISTANT HYDROGEOLOGIST  
FIELD OFFICE (E/M)  
SI. J. M. N. (RURAL)  
FRAYAGRAJ

*(A.K. Singh)*  
Geophysicist