

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

Lowered Assembly Plan-Dhooradeeh, BLOCK-Amawan UNDER JJM PHASE-II--(237/46)
Type of Rig Machine- D. C RIG MACHINE Size of Bore - 600 X 450mm,
Contractor Name – M/S NCC SWSM PROJECT RAEBARELI

District - Raebareli

Static W/L-

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	Ø 300 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
	-18.0	-18.0	Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	53.50	MBGL	53.50	M.
	-36.00	-36.00	Ø 300 X Ø 150 mm dia	Reducer from	53.50	MBGL to	53.70	MBGL	0.20	M.
			Ø 150 mm dia Plain pipe	Plain pipe from	53.70	MBGL to	295.50	MBGL	241.80	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	295.50	MBGL to	299.50	MBGL	4.00	M.
			Ø 150 mm dia Plain pipe	Plain pipe from	299.50	MBGL to	306.50	MBGL	7.00	M.
			Ø 150 mm dia Plain pipe	Slotted pipe from	306.50	MBGL to	315.50	MBGL	9.00	M.
			Ø 150 mm dia Plain pipe	Plain pipe from	315.50	MBGL to	321.50	MBGL	6.00	M.
			Total Assembly (AGL + BGL) -							322.00

ABSTRACT	
1. Drilling Started on Dated –	04-06-2022
2. Drilling Completed on Dated --	17-06-2022
3. Drilling Depth – 600 mm Dia	60.00 M
450 mm Dia	280.00 M
Total-	340.00 M
4. Assembly lowered on Dated -- 24.06.2022	
5. Assembly Lowered -	
(A)Housing pipe 300 mm dia(AGL) -	0.50 M
(B)Housing pipe(Plain)300 mm dia(BGL) -	53.50 M
(D) Reducer (300 mmX 150 dia) -	0.20 M
(E) Slotted pipe/screen – 150 mm dia-	13.00 M
(F) Plain pipe 150 mm dia -	254.80 M
Total assembly-	322.00 M
6. Pea Graevel -	57.77 Cum
7. Yield Test Date of T/w - N/A	
8. Recommended Discharge - N/A	

LOGGING REPORT (M/S Geo Instruments and Techniq's)			
Depth Logged- 340.00 m bgl		Date of Logging-19.06.2022	
Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	295-300	5	Moderate
2	306-316	10	Moderate
Note:- 1) Below 30m to 290m, ground water quality is marginal to saline.			

Manager (G.W.)

Prepared & Proposed By

Checked By

Recommended By

Approved By



(Signature)
TPIA
(CEINSYS)

(Signature)
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GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Raebareli/13

Date : 19.06.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Dhooradeeh, Block – Amawan
Distt. – Raebareli

Drilling Depth : 350 mbgl as reported by Driller

Logged Depth : 340 mbgl

Date of Logging : 19.06.22

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

Logger Used : Upton

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 strata	R _{mf} & R _w
1	295 – 300	5	Moderate	R _{mf} = 12.5 Ωm
2	306 – 316	10	Moderate	R _w = 100 Ωm (Canal Water)

Remark : Below 30m to 290m, ground water quality is marginal to saline.

CC :

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

Verified as per logs provided.

G.S.H.
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