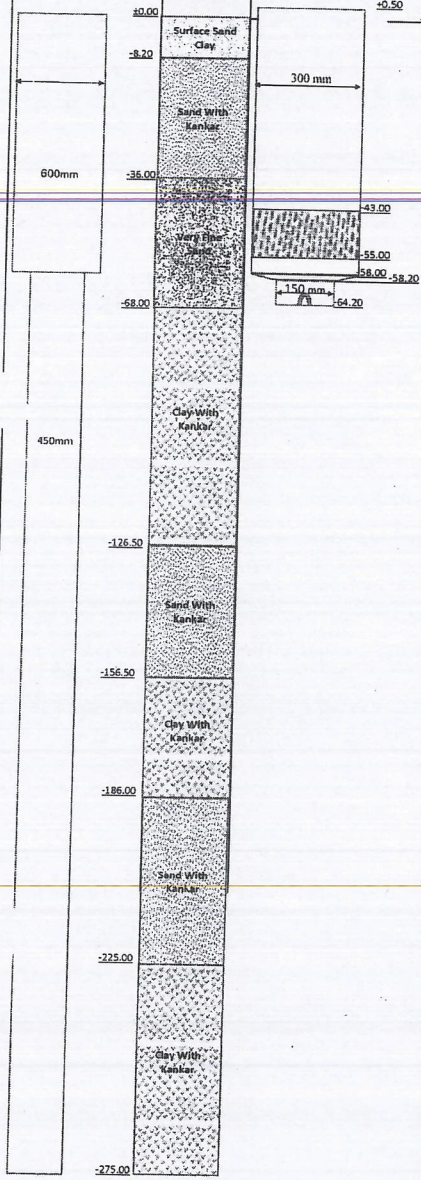


OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-Raipur Kituli, BLOCK-DEENSHAH GAURA UNDER JIM PHASE-II--(573/ 23) District - Raebareli
 Type of Rig Machine- D. C RIG MACHINE Size of Bore - 600 X 450mm, Static W/L- LPM-420
 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								
600mm	+0.00	300 mm	+0.50	Ø 300 mm dia Housing	Plain pipe from(AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
	-8.20		+0.00	Ø 300 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	43.00	MBGL	43.00	M.
	-36.00		-43.00	Ø 300 mm dia Housing	Slotted pipe from	43.00	MBGL to	55.00	MBGL	12.00	M.
	-58.00		-55.00	Ø 300 mm dia Housing	Plain pipe from	55.00	MBGL to	58.00	MBGL	3.00	M.
	-58.00		-58.00	Ø 300 X Ø 150 mm dia	Reducer from	58.00	MBGL to	58.20	MBGL	0.20	M.
	-58.00		-58.20	Ø 150 mm dia Housing	Plain pipe from	58.20	MBGL to	64.20	MBGL	6.00	M.
			Total Assembly (AGL + BGL) - 64.70 M.								



ABSTRACT

- Drilling Started on Dated - 28.07.2023
- Drilling Completed on Dated - 03.08.2023
- Drilling Depth - 600 mm Dia 64.00 M
450 mm Dia 211.00 M
Total- 275.00 M
- Assembly lowered on Dated -05-08-2023
- Assembly Lowered -
 - (A) Housing pipe 300 mm dia(AGL) - 0.50 M
 - (B) Housing pipe(Plain)300 mm dia(BGL) - 46.00 M
 - (C) Slotted pipe 300 mm dia - 12.00 M
 - (D) Reducer (300 mmX 150 dia) - 0.20 M
 - (E) Slotted pipe 150 mm dia - 0.00 M
 - (F) Plain pipe 150 mm dia - 6.00 M
- Total assembly- 64.70 M
- Yield Test Date of T/w - N/A
- Recommended Discharge - N/A
- Pea Gravel-30.59 Cum

LOGGING REPORT (M/S Geo Instruments and Techniq's) REF:GIC/JIM/RAEBARELI/89 Dated 02.08.2023

Depth Logged-275 m bgl Date of Logging-02.08.2023

Sl.	Depth Range Mbgl	Thickness m.	Remarks
1	27-33	6	Good
2	35-42	7	Good
3	43-55	12	Good
4	205-212	7	Marginal
5	214-222	8	Marginal

NOTE 1] Formation Water Quality is deteriorating from Marginal to Saline below 60mbgl to 190 mbgl & 240 mbgl to till depth logged

Manager (G.W.)

Prepared & Proposed By

[Signature]
M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By

[Signature]
P. S. K. G.
(CEINSTS)

[Signature]
Junior Engineer
(UPJN)

Recommended By

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(UPJN)

Approved By

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Executive Engineer
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GROUND WATER INVESTIGATION CENTRE

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Raebareli/89

Date : 02.08.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Raipur Kituli, Block – Deenshah Gaura
Distt. – Raebareli

Drilling Depth : 300 mbgl as reported by Driller

Logged Depth : 275 mbgl

Date of Logging : 02.08.23



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

Logger Used : Upton

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	27 – 33	6	Good	$R_{mf} = 10.3 \Omega m$ $R_w = 13.8 \Omega m$
2	35 – 42	7	Good	
3	43 – 55	12	Good	
4	205 – 212	7	Marginal	
5	214 – 222	8	Marginal	

Remark : Formation water quality is deteriorating from marginal to saline below 60 mbgl to 190 mbgl & 240 mbgl to till depth logged.



(A.K. Singh)
Geophysicist