



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/308

Date: 21-07-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kohardwal, Block – Nautanwa, Distt. – Maharajganj

Drilling Depth (m) : 255.00 mbgl as reported by Driller

Logged Depth (m) : 205.50 mbgl

Date of Logging : 21.07.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma



Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Rithwik-Koya-JV.,

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

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R_{mf} & R_w
1	34 – 38	4	Good	$R_{mf} = 33.44 \Omega m$ $R_w = 34.67 \Omega m$
2	42 – 50	8	Good	
3	54 – 58	4	Good	
4	120 – 127	7	Good, Fine Sand	
5	157 – 169	12	Good	
6	192 – 195	3	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.



(*[Signature]*)
Geophysicist

JJM=III

G.P:- Kohazdwal

Block:- Nautanwa

Distt:- Maharajganj

Drilling Depth:- 255m,

Logged Depth:- 205m,

Logging Date:- 21-07-23

LPM:- 550, 200x150

Date:- 24-07-23

Slotted - 18mtr

Logging Report.

- ① 34 - 38 = 04
- ② 42 - 50 = 08
- ③ 54 - 58 = 04 = 03
- ④ 120 - 127 = 07 = 06
- ⑤ 157 - 169 = 12 = 09
- ⑥ 192 - 195 = 03

Cutting 150mm Ø plain pipe

- ① $6.01 - 4.00 = 2.01 - 2.00 = 0.01$
- ② $6.02 - 2.62 = 3.4 - 2.91 = 0.49$

Total Lowering - 168.01 mtr

173.54
+ 0.5
174.04

32	6.02	
31	6.04	
30	6.02	
29	6.04	= 36.160
28	6.02	
27	6.02	35.66
	0.20	35.86
26	6.00	
25	6.02	
24	4.00	
23	2.62	54.5
22	3.00	57.5
21	6.01	
20	6.01	
19	6.00	
18	6.00	
17	6.01	
16	6.01	= 63.00
15	6.02	
14	6.01	
13	6.00	
12	6.02	
11	2.91	120.5
10	6.00	126.5
9	6.01	
8	6.00	
7	6.01	= 32.03
6	6.01	
5	6.00	
4	2.00	= 2.00 158.53
3	3.00	161.53
2	6.00	167.53
1	6.01	167.53 + 0.5 168.01 173.54 + 0.5