



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/130

Date : 25.02.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village – Nauwa, Block – Tulsipur  
Distt. – Balrampur

**Drilling Depth** : 280 mbgl as Reported by Driller

**Logged Depth** : ~~275 mbgl~~

**Date of Logging** : 25.02.23

**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 <sub>mf</sub> & R <sub>w</sub>
1	20 – 47	27	Good, Fine to medium sand	R <sub>mf</sub> = 24.1 Ωm R <sub>w</sub> = 26.6 Ωm
2	65 – 81	16	Good, Fine to medium sand	
3	92 – 98	6	Good, Fine to medium sand	
4	109 – 125	16	Good, Fine to medium sand	
5	132 – 140	8	Good, Fine to medium sand	
6	155 – 165	10	Good, Fine to medium sand	
7	175 – 182	7	Good, Fine to medium sand	
8	190 – 198	8	Good, Fine to medium sand	
9	209 – 212	3	Good, Fine to medium sand	
10	222 – 229	7	Good, Fine to medium sand	
11	245 – 250	5	Good, Fine to medium sand	
12	260 – 272	12	Good, Fine to medium sand	

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

Verified as per  
logs provided.  
Note - Sr No 4 - 109-116 (7m)  
120-124 (4m)  
Sr No 9 - 209-213 (4m)  
Sr No 12 - 265-269 (4m)  
and 271-274 (3m)

G.Sh  
27/02/23



(A.K. Singh)  
Geophysicist