



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampura/76

Date : 16.01.23

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Nachora, Block – Gaisandi  
Distt. – Balrampur

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

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

**Date of Logging** : 16.01.23

**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>
<del>1</del>	30 – 36	6	Good, Fine to medium sand	R <sub>mf</sub> = 24.1 Ωm R <sub>w</sub> = 26.4 Ωm
<del>2</del>	50 – 58	8	Good, Fine to medium sand	
<del>3</del>	70 – 81	11	Good, Fine to medium sand	
<del>4</del>	94 – 100	6	Good, Fine to medium sand	
<del>5</del>	130 – 137	7	Good, Fine to medium sand	
<del>6</del>	145 – 148	3	Good, Fine to medium sand	
<del>7</del>	167 – 178	11	Good, Fine to medium sand	
<del>8</del>	191 – 200	9	Good, Fine to medium sand	
<del>9</del>	210 – 219	9	Good, Fine to medium sand	
<del>10</del>	229 – 235	6	Good, Fine to medium sand	
<del>11</del>	265 – 270	5	Good, Fine to medium sand	

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

*Verified as per  
logs provided.  
G.S.S.  
17/01/23*

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(A.K. Singh)  
Geophysicist