



# GROUND WATER INVESTIGATION CENTRE

## (Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183

Email : [si.amaresh11@gmail.com](mailto:si.amaresh11@gmail.com), [gicaksingh@gmail.com](mailto:gicaksingh@gmail.com)

GSITN: 09ANAPS3037Q1ZG

Ref: GIC/JJM/ Balrampur/21

Date : 03.10.22

### GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

**Site's Location** : Village –Dharam Nagar, Block – Balrampur, District - Balrampur

**Drilling Depth** : 175 mbgl as Reported by Driller

**Logged Depth** : 170 ~~mbgl~~

**Date of Logging** : 03.10.22

**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)	Probable Lithology	Remarks	R <sub>mf</sub> & R <sub>w</sub>
1	35 – 40	5	Fine to medium sand, Kankar mixed	Good	R <sub>mf</sub> = 33 Ωm R <sub>w</sub> = 36 Ωm
2	47 – 57	10	Fine to medium sand, Kankar mixed	Good	
3	68 – 74	6	Fine to medium sand	Good	
4	76 – 80	4	Fine to medium sand	Good	
5	83 – 90	7	Fine to medium sand	Good	
<del>6</del>	92 – 96	4	Fine to medium sand	Good	
<del>7</del>	108 – 113	5	Fine to medium sand	Good	
<del>8</del>	117 – 123	6	Fine to medium sand	Good	
<del>9</del>	127 – 138	11	Fine to medium sand	Good	
<del>10</del>	149 – 158	9	Fine to medium sand	Good	
<del>11</del>	160 – 165	5	Fine to medium sand	Good	

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

C C: M/S L & T Balrampur

*Verified as per logs provided.  
Note - Sr No 1 to 5 are highly kankar intermixed and have finer sediments.  
G:G  
04/10/22*



(A.K. Singh)  
Geophysicist