



(Ground Water Assessment & Allied Services)

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

Mob: 9450659011, 8840756551, 9450364183

Email: si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS3037Q1ZG

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GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Bhitkani, Block – Nath Nagar, Distt. – Sant Kabir Nagar

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : ~~155.00 mbgl~~

Date of Logging : 15.05.2023

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


Logger Used : ~~Robertson Geologging.~~

Bore Hole Drilled by: Vishvaraj Group.

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	14 – 23	7	Good	$R_{mf} = 15.94 \Omega m$ $R_w = 18.14 \Omega m$
2	30 – 33	3	Good	
3	48 – 55	7	Good	
4	58 – 63	5	Good	
5	68 – 71	3	Good	
6	75 – 78	3	Good	
7	88 – 96	8	Good	
8	107 – 110	3	Good	
9	114 – 120	6	Good	
10	130 – 136	6	Good	
11	138 – 146	8	Good	
12	149 – 153	4	Good	

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

Verified as per
logs provided
I.C.P.

(I.C.P. Singh)