



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/Ambedkar Nagar/13

Date : 03.12.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Sigvanpur Purshottampatti, Block – Bhati
Distt. – Ambedkar Nagar

Drilled Depth : 170 mbgl

Logged Depth : ~~168~~ mbgl

Date of Logging : 03.12.22

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~Uptron~~

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	25 – 37	12	Good, Intermixd kankar bands	$R_{mf} = 25 \Omega m$ $R_w = 27.2 \Omega m$
2	41 – 45	4	Good	
3	55 – 64	9	Good	
4	67 – 73	6	Good	
5	105 – 110	5	Good	
6	120 – 126	6	Good	
7	130 – 142	12	Good, Intermixd kankar bands	

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

CC :

1. M/S Welsun Enterprises

Verified as per logs provided
Note - Sr No 6-122-126 (4m) - No proper granular zones encountered below 142 mbgl / Gish 05/12/22



(A.K. Singh)
Geophysicist