



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: GIC/JJM/ Sitapur/385

Date : 16.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Vill. – Budhanpur, Block - Hargaoni
Distt. – Sitapur

Drilling Depth : 165 mbgl – as reported by driller

Logged Depth : ~~150~~ mbgl

Date of Logging : 16.01.23

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

Logger Used : ~~IGIS~~

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	32 – 38	6	Good	$R_{mf} = 24 \Omega m$ $R_w = 25.4 \Omega m$
2	47 – 57	10	Good	
3	60 – 71	11	Good, intermixed kankar	
4	74 – 78	4	Good	
5	96 – 105	9	Good, highly kankar intermixed	
6	109 – 123	7	Good, Intermixed fine bands of kankar	

Remark : ~~Almost all zones are intermixed with fine bands of kankar. No proper granular zones encountered below 123 mbgl.~~

CC :
I.M/S NCC Sitapur

*Verified as per logs provided.
Note - Sr No 3 - 60-64 (4m)
and 67-71 (4m)
G.S.S.
17/01/23*

Drishk

(A.K. Singh)
Geophysicist