



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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

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Ref: GIC/JJM/ Fatehpur/50

Date : 11.11.22

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khadara, Block – Deomai
Distt. – Fatehpur

Logged Depth : ~~187~~ mbgl

Date of Logging : 11.11.22

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)	Types of strara	R _{mf} & R _w
1	77 – 81	4	Good	R _{mf} = 14.3 Ωm
2	85 – 100	15	Good	R _w = 15.4 Ωm

~~Remark:~~ Formation water quality is poor below ~~121~~ mbgl to till depth logged. All zones are intermixed with fine bands of kankar.

Verified as per logs provided.
Note, One more zone may add - as - 26-30(4m) - good.

21/11/22
ASSISTANT GEOLOGIST
CIRCLE OFFICE (EM)
U.P. JAL NIGAM (RURAL)
FATEHPUR



(A.K. Singh)
Geophysicist

Project Name :

Implementation of various rural water supply project including O&M for 10 Year for Khadara Village, Block-Demai, District-Fatehpur of the State of Uttar Pradesh Under Jal Jeevan Mission Phase-III

Actual Lowering Chart at Vill. Khadara 300*150

Discharge = 610 LPM

Gram Panchayat : Khadara
Block : Devmai
District : Fatehpur

Sr No.		
1	TW Const. By	M/s PMPL-BRCCPL(JV)
2	Size of Borewell	600*450
3	Date of Logging	11.11.2022
4	Date of Lowering	15.11.2022

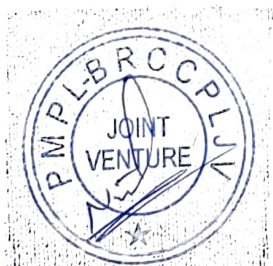
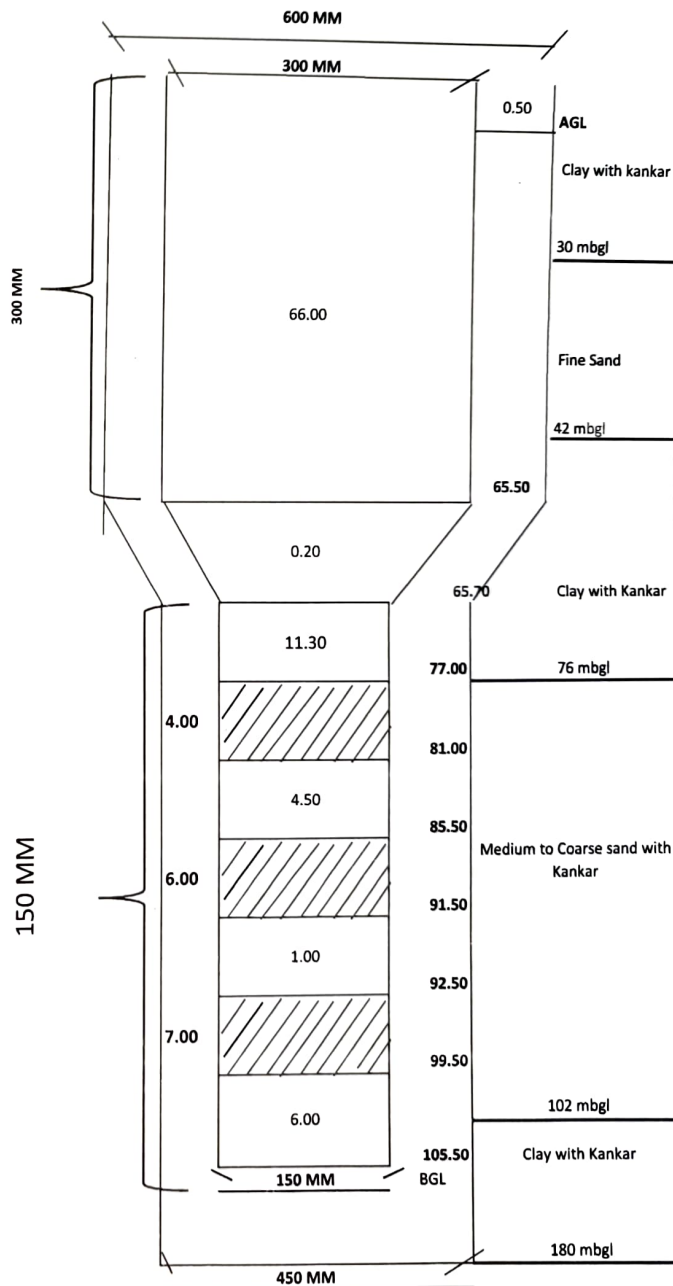
Abstract of Pipe

Sr. No.	Discription	UOM	Item	Qty
1	300 MM	MTR	PLAIN PIPE	66.00
2	300x150	MTR	Reducer	0.20
3	150 MM	MTR	PLAIN PIPE	22.80
4	150 MM	MTR	SLOTTED PIPE	17.00
			Total Length	106.00

Logging Report

Sr. No.	Discription	Thickess(M)	Type of Strata
1	26-30	4	Good
2	85-100	15	Good

Remark- Formation of water quality is poor below 121 MBGL to till depth logged. All zone are intermixed with find band of kankar



PMPL - BRCCPL (JV)

TPIA(ME)Engineer

Junior Engineer

Assistant Engineer

Executive Engineer