



GEOTECH ENTERPRISE

A Ground Water Exploration Technic's & Consultancy Service

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Ref/ UP-249/ 02 – 2024

Dated: 07-02-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Loknathpur
Block : Akhand Nagar
District : Sultanpur
State : Uttar Pradesh
Date of Logging : 07-02-2024
Drilling Depth : 275.0 m bgl
Logging Depth : 265.0 m bgl
Borehole Drilled by : VTL GAJA Engineering Ltd., Sultanpur,U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N – 16”), Long Normal (N – 64”) and Lateral 6’ Geophysical Logs, following information/granular zones have been deciphered with respect to Salinity only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
01	15 – 25	10	Good
02	32 – 47	15	Good
03	71 – 81	10	Good
04	88 – 98	10	Good
05	101 – 109	08	Good
06	111 – 118	07	Good

Note:

- 1) Fine bands of Kankar are intermixed with almost all zones
- 2) Quality of groundwater may deteriorate to Marginal – Saline from depth 126.0 m bgl till depth logged
- 3) Please ensure pre – monsoon water level before lowering the well assembly



For Geotech Enterprise

Avinash Goswami

Geologist