



AKD GEOMINING SOLUTIONS(OPC) PRIVATE LIMITED

[Geological, Geophysical GPlanning Services for Mineral Exploration]

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GEOPHYSICAL BOREHOLE LOGGING REPORT

Date : 10.11.2023
Site Name : AJGARA MASHRKI
Location : 26.2905,83.3089
Block : HARAIYA
District : AZAMGARH
State : UTTAR PRADESH
Logging Depth : 140 m
Drilling Depth : 165 m
Date of Logging : 10.11.2023
Logged By : MR. MUKESH CHOUDHURY (Geophysicist)
Logger Make : ROBERTSON GEOLOGGING
Representative : M/S ECO PROTECTION ENGINEERS PVT. LTD

Based on the interpretation of Self Potential (SP), Short Normal(N-16”), Long Normal(N-64”), and Natural Gamma (NG) Geophysical Logs, following information/granular zone have been deciphered with respect to salinity only

S. No	Depth Range (mgl)	Thickness (Meters)	Quality Remarks (In terms of Salinity)
1.	20-32	12	GOOD
2.	48-56	8	GOOD
3.	64-73	9	GOOD
4.	76-80	4	GOOD
5.	82-89	7	GOOD

- Notes:**
1. S. No-1-Coarse Sand
 2. S. No-2,3,4,5 - Fine to Medium Sand
 3. Resistivity: $R_w - 31.25 \Omega - m$, $R_{mf} - 38.91 \Omega - m$
 4. All other remaining formation contains clay mix with fine sand and kankar.
 5. Quality of water formation is deterioration marginal to saline below 91.0 Mbgl till depth logged.


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