



AllGeo Solutions

A complete GIS, Geology and Environment Solutions

Ref. No. : AGS/EL/2022/214
Date : 25/07/2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Aluwamai
Location : 25.764980, 81.465142
Block : Kunda
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 252 Mbgl
Date of Logging : 18-July-2022, 21-July-2022
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S JMC Project India, Pratapgarh, Uttar Pradesh
Representative : Mr. Rajesh Tripathi (M/S Surya Mining & Infra Developers)

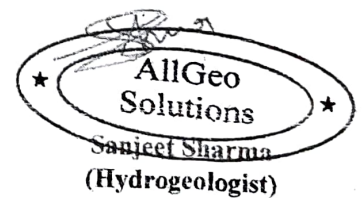
Based on the interpretation of **Self Potential(SP)**, **Short Normal(N-16'')**, **Long Normal(N-64'')** and **Lateral(6'')** Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

Sl No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	50-58	8	6 up to 58m Good
2	62-67	5	4 163m Good
3	71-78	7	6 Good
4	100-107	7	6 Good to Moderate
5	112-124	12	6 Good to Moderate

Note: The formation water quality is deteriorating from marginal to saline from 132 Mbgl to till depth logged.

Verified as per logs provided.
Note. Sr No 4 and 5 are intermixed with thin bands of kaolinite.

4/8/22
ASSISTANT HYDROGEOLOGIST
YATRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ



Address: PNP-3, Software Technology Parks of India (STPI) Motilal Nehru National Institute of Technology Campus, Near Ganga Gate Teliarganj, Prayagraj 211004, Uttar Pradesh, India, Email: allgeosolutions@gmail.com, Mobile: +91-9452830062, 8840360108, Web: www.allgeos.co.in