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Ref. No. : AGS/EL/2023/PRYJ-228

Date : 22/08/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Khijirpur
Location : 25.527996, 81.760757
Block : Kaurihar
District : Prayagraj
State : Uttar Pradesh
Logging Depth : 134Mbgl
Rm/Rw : 14/11
Date of Logging : 22-August-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S L & T Construction Pvt Ltd, Prayagraj Uttar Pradesh
Representative : M/S L. B. Traders, Prayagraj

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	74-81	7	Good
2	85-89	4	Good
3	93-96	3	Good
4	99-104	5	Good
5	113-117	4	Good
6	120-124	4	Good

Note: 1- All zones are intermixed with thin bands of kankar.

2- From 18-62 Mbgl formation contain finer sediment and water quality is deteriorating.

3- Prominent clay layer lies in between 62-74 mbgl.


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Sanjeet Sharma
(Hydrogeologist)

