

Corporate Address

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Ref. No.

: AGS/EL/2024/ PRGH -327

Date

: 20/04/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name

: Mandal Bhaso

: 25.792392 ,81.724303

Location

: Vihar

Block District

: Pratapgarh : Uttar Pradesh

State

: 216 Mbgl

Logging Depth

: 13/12

Rm/Rw

: 19-April-2024

Date of Logging Logged By

: Mr. Shobhit Srivastava(Hydrogeologist)

Logger Make

Tubewell Drilled By

: M/S Powermach Projects India Ltd, Pratapgarh ,Uttar Pradesh

Representative

: M/S Shri Krishna Constructions

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:

SI No.	Depth Range	Thickness	Quality Remarks (in term of Salinity)
DI I I I	(mbgl)	(meters)	Cool
1	30-33	3	Good
2	40-45	5	Good
	75-78	3	Good
3	170-176	6	Good
4		7	Good
5	189-196		Good
6	199-203	4	
7	208-211	3	Good

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

- 2- A clay kankar intercalation is present in between 152-160Mbgl.
- 3-The formation water quality is deteriorating from marginal to saline in between 88-152Mbgl.
- 4- Sr no 4,5,6 are kankar intermixed.
- 5- Sr no 3 is fine sand in nature.

AllGeo Solutions Sanjeet Sharma (Hydrogeologist) VERI

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