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GEOPHYSICAL BOREHOLE LOGGING REPORT

| Site Name | : Muar Adharganj TW 2 | | |
|----------------------------|---|--|--|
| Location | : 25.754896, 82.005962 | | |
| Block | : Gaura | | |
| District | : Pratapgarh | | |
| State | : Uttar Pradesh | | |
| Logging Depth | : 270 Mbgl | | |
| Rm/Rw | : 15/16 | | |
| Date of Logging | : 6-July-2024 | | |
| Logged By | : Mr. Shobhit Srivastava(Hydrogeologist) | | |
| Logger Make | : GIT | | |
| Tubewell Drilled By | : M/S Kalp <mark>ataru Projects In</mark> ternational Ltd, Pratapgarh Uttar Pradesh | | |
| Representative | : M/S Bh <mark>angu Engineering</mark> | | |

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:

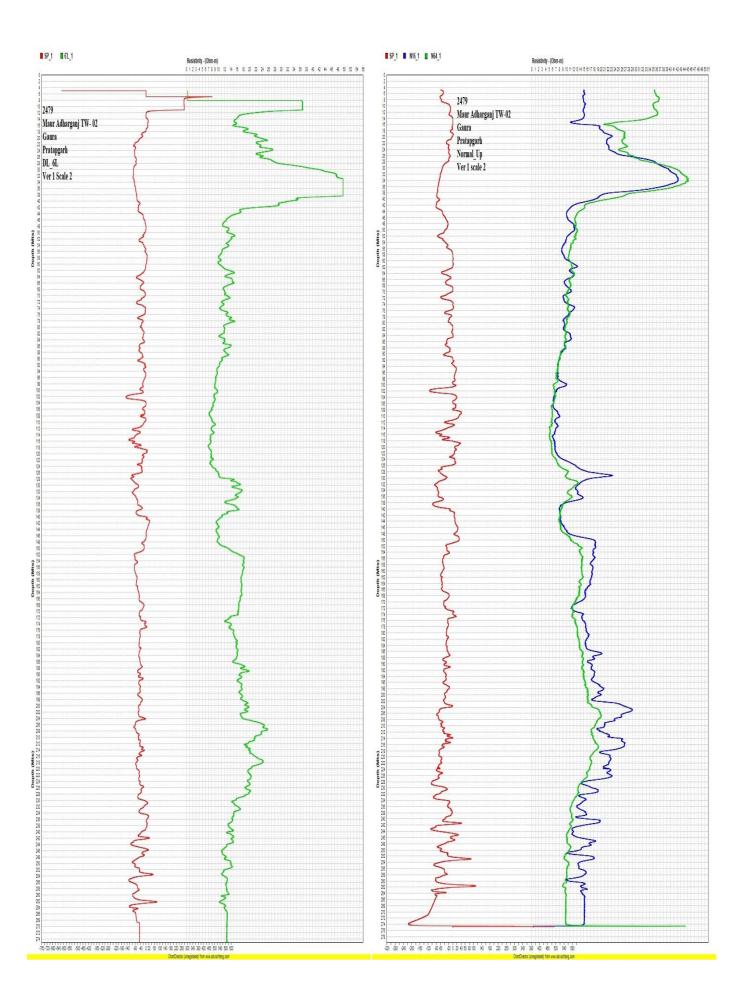
| SI No. | Depth Range (mbgl) | Thickness (meters) | Quality Remarks (in term of Salinity) |
|--------|-----------------------|-----------------------|---------------------------------------|
| 1 | 28-39 | 11 | Good |
| 2 | 152-166 | 14 | Moderate to Marginal |
| 3 | 204-208 | 4 | Good |
| 4 | 216-219 | 3 | Good |

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

2- The formation water quality is deteriorated from marginal to saline in between 50-138Mbgl and below 231 Mbgl to till depth logged.

3- A clay kankar intercalation is present in between 140-150Mbgl.

11Geo Solutions Sanjeet Sharma (Hydrogeologist)



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