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Ref. No. : AGS/EL/2023/ PRGH - 200
Date : 03/12/2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Borra
Location : 25.718977, 82.074709
Block : Gaura
District : Pratapgarh
State : Uttar Pradesh
Logging Depth : 235Mbgl
Rm/Rw : 13/15
Date of Logging : 02-Dec-2023
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Kalpataru Projects International Pvt Ltd, Uttar Pradesh
Representative : Mr Santosh Kumar Singh

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	21-28	7	Good
2	36-39	3	Good
3	41-47	6	Good
4	61-64	3	Moderate
5	132-139	7	Good to Moderate
6	164-171	7	Good to Moderate
7	178-185	7	Good
8	191-198	7	Good
9	204-208	4	Good
10	212-220	8	Good
11	224-227	3	Good

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

2- Sr. No. 6 is highly kankar intermixed.

3 - The formation water quality is deteriorating in between 70-111 Mbgl and a clay kankar intercalation is present in between 111-118Mbgl.

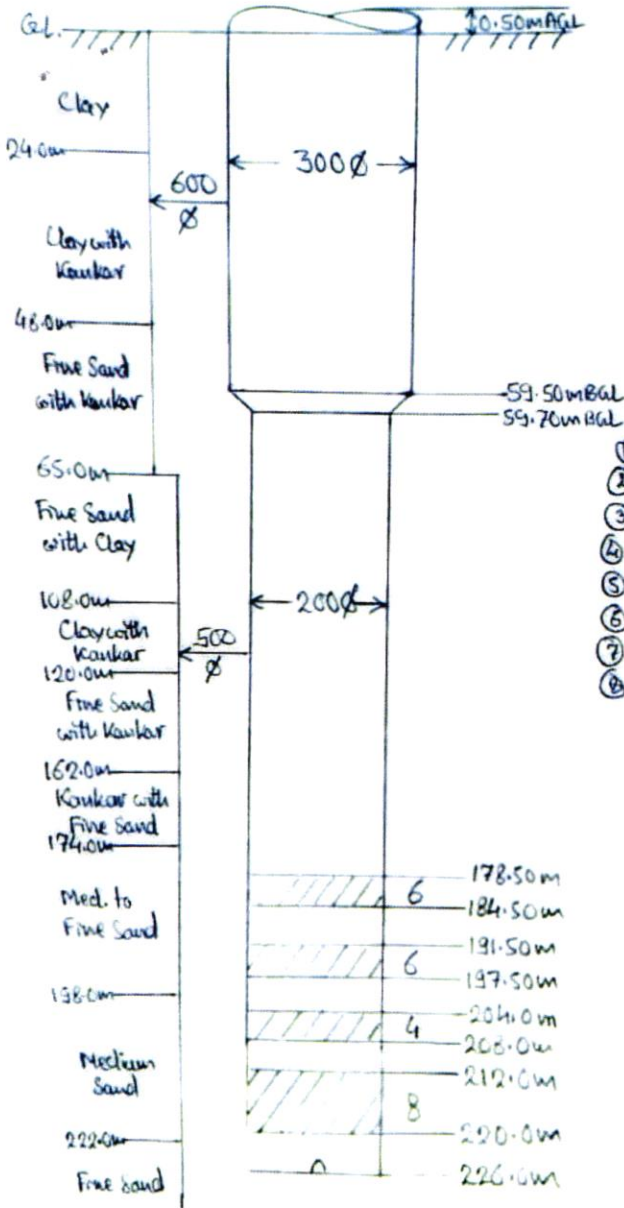

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Borra, Gaura

(JMC)

Reqd = 720 Lpm
 Ass. Size = 300x200φ
 Bone Size = 600x500φ



Logging Report

- ① 41-47 (6m) Good
- ② 61-64 (3m) Moderate
- ③ 132-139 (7m) Good to Moderate
- ④ 164-171 (7m) Good to Moderate
- ⑤ 178-185 (7m) Good
- ⑥ 191-198 (7m) Good
- ⑦ 204-208 (4m) Good
- ⑧ 212-220 (8m) Good