

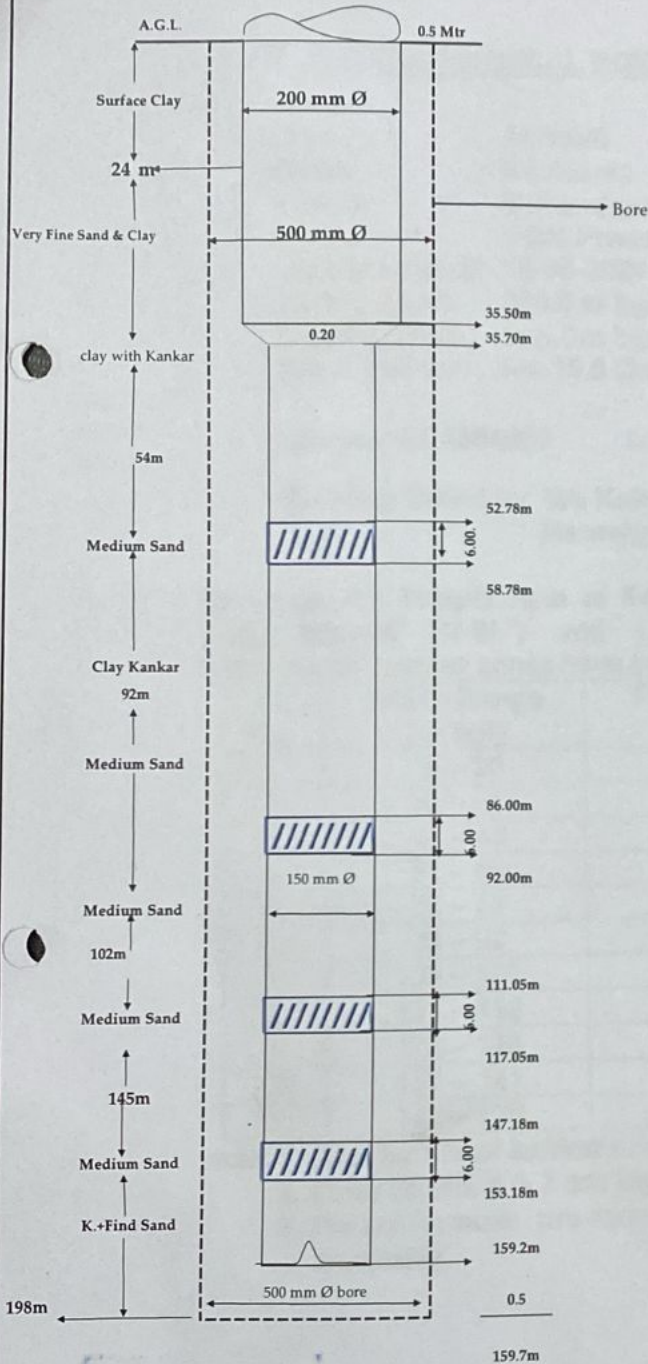


JMC PROJECTS(INDIA)LIMITED

OF AHIRALI WATER SUPPLY SCHEME



Physical strata



1	DISTRICT	MAHARAJGANJ
2	BLOCK	Nautanawa
3	SCHEME NAME	AHIRALI GRAM WATER SUPPLY SCHEME
4	REQUIRED LPM	550 LPM
5	ASSEMBLY SIZE	200X150 mm Ø
6	SIZE OF BORE	500x500 mm Ø
7	DATE OF LOGGING	19.05.2024
8	DATE OF LOWERING	21.05.2024
9	TOTAL ASSEMBLY LOWERED	159.7m

LOGGING REPORT

SI N	Depth Range		Thickness (M)	Remarks
1	16	20	4	Good
2	36	40	4	Good
3	44	48	4	Good
4	52	59	7	Good
5	76	79	3	Good
6	86	92	6	Good
7	103	107	4	Good
8	111	118	7	Good
9	122	126	4	Good
10	137	141	4	Good
11	147	156	9	Good



TPIA
Avishek Tiwari (ME)
JE UPJN

AE UPJN

EE UPJN

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:24-25:LS: 68

Dated: 21-05-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ahirauli
Block: Nautanwa
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 19-05-2024
Drilling Depth: 200.0 m bgl
Logging Depth: 198.0 m bgl
Rm - 16.0 Ω m Rw 16.0 Ω m

Latitude: 27.4664090 Longitude: 83.535960

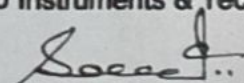
Borehole Drilled by: M/s Kalpataru Power International Limited,
Maharajganj, Uttar Pradesh.

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 (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 - 20	04	Good
2.	36 - 40	04	Good
3.	44 - 48	04	Good
4.	52 - 59	07	Good
5.	76 - 79	03	Good
6.	86 - 92	06	Good
7.	103 - 107	04	Good
8.	111 - 118	07	Good
9.	122 - 126	04	Good
10.	137 - 141	04	Good
11.	147 - 156	09	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 & 7 are highly intermixed with fine bands of kankar.
3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)