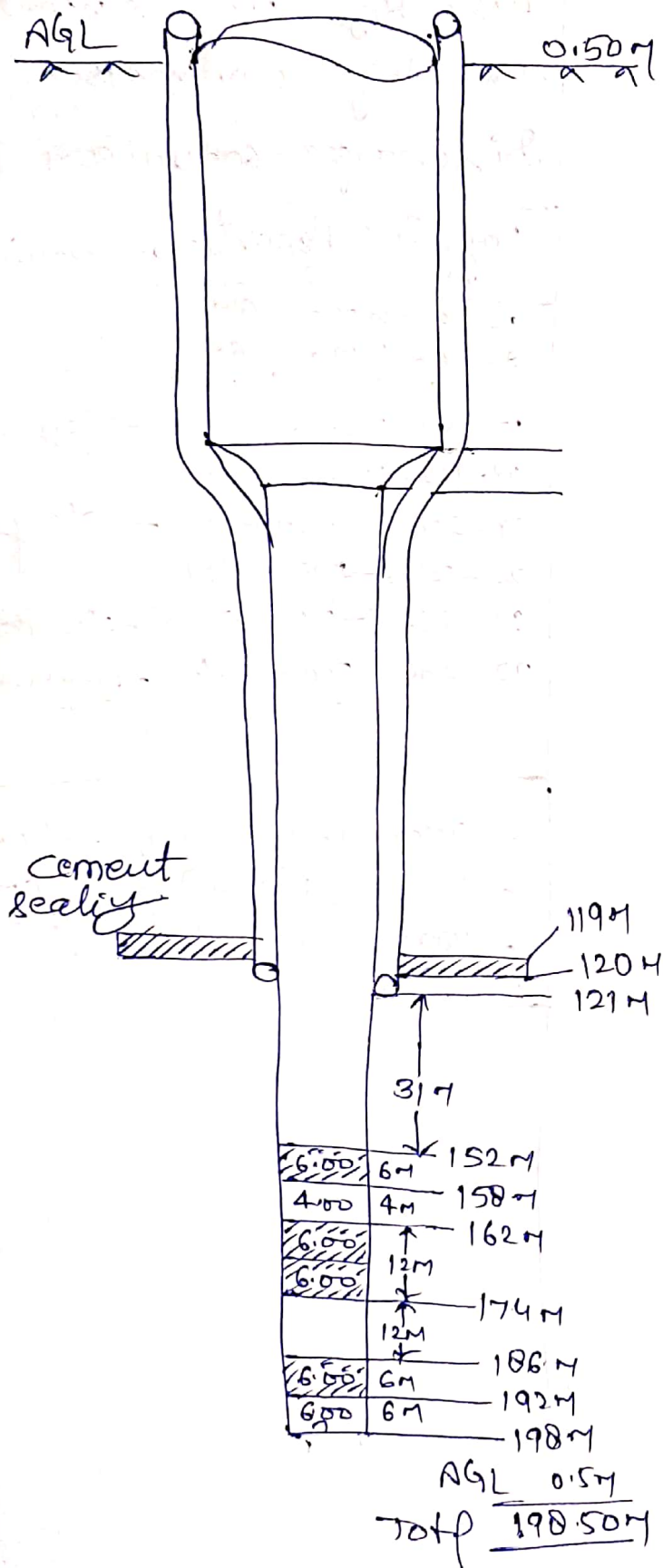


Proposed T.W. Assy chart of Chauvini w/s scheme Bahraich under JSM (Block - Nausabgong)



Bohrer Size - 500mm x 450 mm

T.W. Assy - 200mm x 150mm

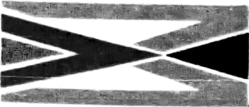
Discharge - 550 LPM / 41 m

Logging Report (9-11-2023)

- 1 - 0 - 7m - 7m
- 2 - 7 - 12.5m - 5.5m
- 17 - 118 - 122m - 4m - clay
- 18 - 122.5 - 125m - 3m
- 19 - 125 - 133m - 8m - clay with sand
- 20 - 133 - 144m - 11m
- 21 - 144 - 150m - 6m - clay
- 22 - 150 - 159m - 9m
- 23 - 159 - 161.5m - 2.5m - clay
- 24 - 161.5 - 174.5m - 13m
- 25 - 174.5 - 185.5m - 11m - clay with sand
- 26 - 185.5 - 198.5m - 13m

As per Estimate

- 200mm Housing Pipe - 40m
- 150mm Plain Pipe - 136m
- 150mm Slotted Pipe - 24m



MINING ASSOCIATES PVT. LTD.

GEOPHYSICAL DIGITAL LOGGING REPORT

SITE:	CHINAINI	DATE OF LOGGING:	09.11.2022
BLOCK:	NAWABGANJ	DRILLING DEPTH:	220.00 M
STATE:	UTTAR PRADESH	LOGGING DEPTH:	220-36M
ENGG:	ASHOK KUMAR	LOGGING COMPANY:	Mining Associates Pvt. Ltd.

AQUIFER:-
The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.

CLAY:-
The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

NOTE:- These values are only indicative. The thin clay or sand layer does not reveal its actual resistivity value

Sl. No.	Depth		Thickness (m)	Inferred lithology	Remark(Quality of Aquifer Water)
	From (m)	To (m)			
1	0	7	7	Top Soil	
2	7	12.5	5.5	Fine sediment	Medium
3	12.5	18.5	6	Coares grain sand	Good
4	18.5	25.5	7	Clay	
5	25.5	31	5.5	Medium grained Sand	Good
6	31	36	5	Coares grain sand	Good
7	36	40.5	4.5	Fine sediment	Medium
8	40.5	72	31.5	Coares grain sand	Good
9	72.5	81	8.5	Clay with sand	
10	81	83	2	Medium grained Sand	Good
11	83	86	3	Medium to Fine grained Sand	Good
12	86	95	9	Medium grained Sand	Good
13	95	99	4	Clay	
14	99	106.5	7.5	Medium grained Sand	Good
15	106.5	113.5	7	Fine grain sand	Medium
16	113.5	118	4.5	Medium grained Sand	Good
17	118	122	4	Clay	
18	122	125	3	Medium grained Sand	Good
19	125	133	8	Clay with sand	
20	133	135	2	Medium to Fine grained Sand	Good
21	135	144	9	Coares grain sand	Good
22	144	150	6	Clay	
23	150	159	9	Coares grain sand	Good
24	159	161.5	2.5	Clay	
25	161.5	174.5	13	Coares grain sand	Good
26	174.5	185.5	11	Clay with sand	
27	185.6	189	3.4	Medium grained Sand	Good
28	189	198.5	9.5	Fine sediment	Medium
29	198.5	202.5	4	Medium to Fine grained Sand	Good
30	202.5	208	5.5	Fine sediment	Medium
31	208	220	12	Fine grain sand	Medium

Verified as per logs provided.
 Note: Groundwater quality interpreted by firm as per their logger calibration

For Mining Associates Pvt. Ltd.
 Ashok Kumar
 Geophysicist

ASSISTANT GEOPHYSICIST
 CIRCLE OFFICE (E/M)
 U.P. GEOL. SURV. (MURRAY)
 11/11/22