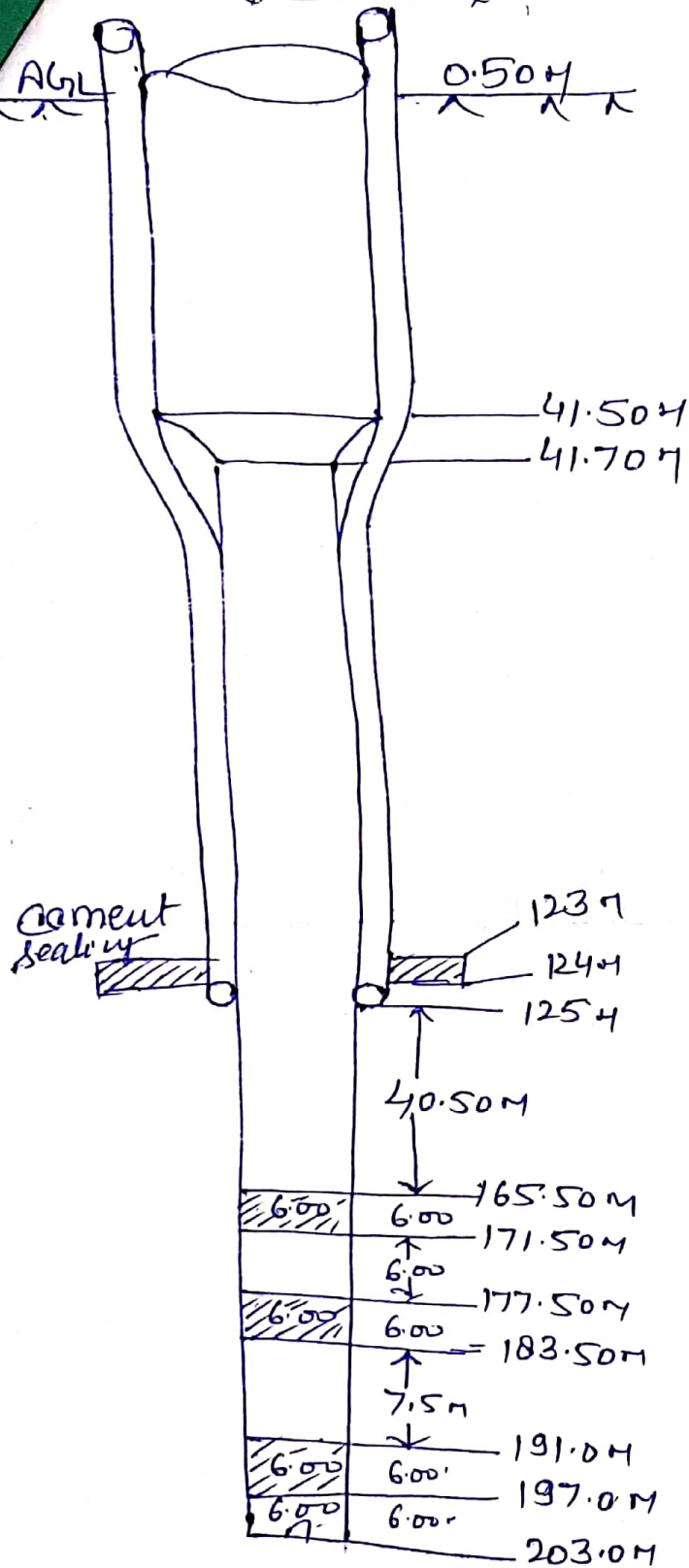


Proposed T.W. Assy. chart of Narayanpur w/s scheme Bahraich under JJM Block - Payagpur



Bole Size - 500mm x 450mm
T.W. Assy - 200mm x 150mm
Discharge - 450 LPM / 41m

Logging Report 30/11/2021

- 1 - 5 - 15m - 10m
- 2 - 15 - 20m - 5m - sandy clay
- 3 - 20 - 36m - 16m
- 4 - 36 - 41m - 5m - sandy clay
- 5 - 41 - 67m - 26m
- 6 - 67 - 70m - 3m - brownish clay
- 7 - 70 - 73m - 3m - sandy clay
- 8 - 73 - 94m - 21m
- 9 - 94 - 100m - 6m - sandy clay
- 10 - 100 - 107m - 7m
- 11 - 107 - 111m - 4m - sandy clay
- 12 - 111 - 116m - 5m
- 13 - 116 - 130m - 14m - brownish clay
- 14 - 130 - 138m - 8m
- 15 - 138 - 148m - 10m
- 16 - 148 - 165m - 17m - sand & clay interstratification
- 17 - 165 - 172m - 7m - ⑥
- 18 - 172 - 177m - 5m - sandy clay
- 19 - 177 - 184m - 7m - ⑥
- 20 - 184 - 191m - 7m - sandy clay
- 21 - 191 - 197m - 6m - ⑥
- 22 - 197 - 201m - 4m - sandy clay
- 23 - 201 - 213m - 12m
- 24 - 213 - 217m - 4m - sandy clay
- 25 - 217 - 222m - 5m
- 26 - 222 - 224m - 2m - clay

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:21-22:LS: 46
Dated: 25-01-2021

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Narayanpur
Block: Payagpur
District: Bahraich
State: Uttar Pradesh
Date of logging: 24-01-2022
Drilling depth: 225.0 m bgl
Logging Depth: 224.0 m bgl
Rm – 20.0 Ω m Rw – 32.0 Ω m

Borehole Drilled by: M/s PNC Infratech

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:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Inferred lithology	Remark (Quality of Aquifer Water)
1.	05 – 15	10	Surface Soil	-
2.	15 – 20	05	Sandy Clay	
3.	20 – 36	16	Sand	Good
4.	36 – 41	05	Sandy Clay	
5.	41 – 67	26	Sand	Good
6.	67 – 70	03	Prominent Clay	
7.	70 – 73	03	Sandy Clay	
8.	73 – 94	21	Fine to Medium Sand	Good
9.	94 – 100	06	Sandy Clay	
10.	100 – 107	07	Sand	Good
11.	107 – 111	04	Sandy Clay	
12.	111 – 116	05	Sand	Good
13.	116 – 130	14	Prominent Clay	
14.	130 – 138	08	Fine Sand	Good
15.	138 – 148	10	Sand	Good
16.	148 – 165	17	Sand & Clay intercalation	
17.	165 – 172	07	Sand	Good
18.	172 – 177	05	Sandy Clay	
19.	177 – 184	07	Fine to Medium Sand intermixed with Kankar	Good

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Seerat