

Actual TW Assembly of Maharura TW, Block-Shahganj, Dist. Jaunpur

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	Soil
2	6	18	Clay + F.Sand
3	18	78	Sand + Kankar
4	78	97	M.Kankar
5	97	130	Kankar
6	130	169	Clay + Kankar
7	169	201	M.Kankar
8	201	235	Kankar
9	235	248	M.Kankar

500 mm ϕ 200 mm f Drilling and assembly		BGL in meter ↓	
		AGL 0.50	0
4.16	P.P	3.66	
6.10	P.P	9.76	
6.10	P.P	15.86	
6.10	P.P	21.96	
6.10	P.P	28.06	
6.09	P.P	34.15	
6.10	P.P	40.25	
3.50	S.P	43.75	
2.40	P.P	46.15	
6.10	P.P	52.25	
2.50	S.P	54.75	
3.75	P.P	60.50	
6.00	S.P	66.50	
6.09	P.P	72.59	

Logging Report					
Date of Logging-			30-05-2023		
S.N.	Depth (Mbgl)		Thickness (m)	Quality (In terms of Salinity)	Remark
	From	to			
1	25	32	7	Good	
2	40	44	4	Good	
3	52	55	3	Good	
4	60	67	7	Good	
5	77	81	4	Moderate	

Note:

- 1 Fine bands of kankar are intermixed with almost all the zones.
- 2 Quality of Ground water is Deteriorating Marginal to saline below 90.0 m bgl to till depth logged.
- 3 Please ensure pre-monsoon water level before lowering the well assembly.

DETAILS			
Date of lowering -		06-06-2023	
1	Depth of bore 500mm ϕ	81.00	m
2	Depth of bore 450mm ϕ	167.00	m
3	Plain pipe 200 mm ϕ	61.09	m
4	Slotted pipe 200 mm ϕ	12.00	m
Total		73.09	m



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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS: 629
Dated: 02-06-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Maharura
Block: Shahganj
District: Jaunpur
State: Uttar Pradesh
Date of Logging: 30-05-2023
Logging Depth: 248.0 m bgl
Rm - 11.0 Ω m Rw - 8.8 Ω m

Borehole Drilled by: M/s Afcons Infrastructure Ltd. Jaunpur, U. P.

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.	25 - 32	07	Good
2.	40 - 44	04	Good
3.	52 - 55	03	Good
4.	60 - 67	07	Good
5.	77 - 81	04	Moderate

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to Saline below 90.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

Verified as per
logs provided

G.Sh
03/06/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)