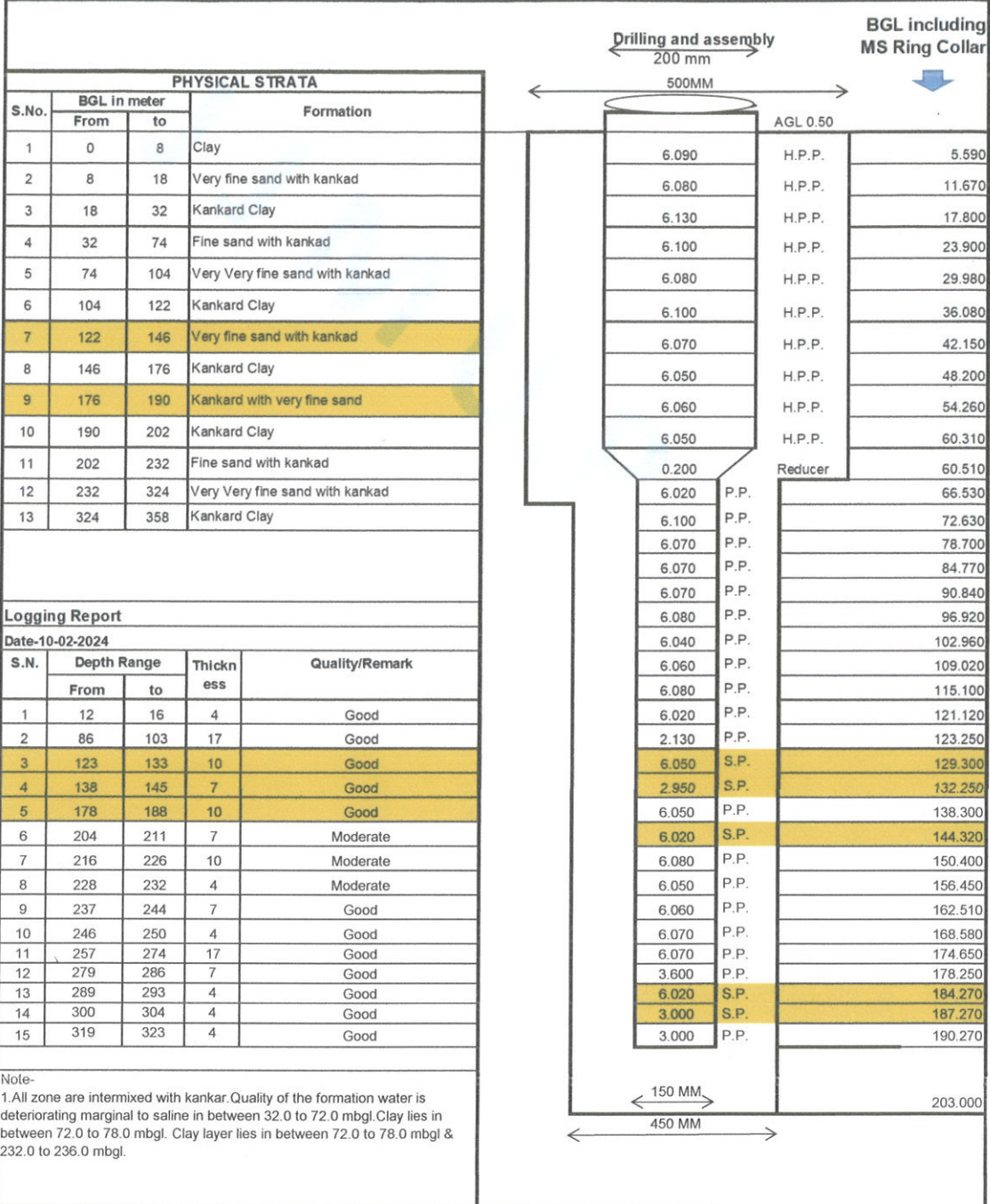


# M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Actual Strata Chart of BARACHAWAR REORGANISATION WSS, BLOCK -VARACHAWAR, ZONE 7, GRAM PANCHAYAT - BAREZY & KHARA TW-2 Under Jal Jeevan Mission, District- Ghazipur(U.P.)



DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	395.000	LPM		
2	Cear Depth of bore 600mm	0	Mbgl		
3	Cear Depth of bore 500mm	65	Mbgl	65.000	Mbgl
4	Clear Depth of bore 450mm	360	Mbgl	358.000	Mbgl
5	Plane pipe 300MM	0	m	0.000	m
6	Plane pipe 200MM	60	m	60.810	m
7	Plane pipe 150MM	258	m	105.720	m
8	Reducer 200 X 150 MM	0		0.200	m
9	Slotted pipe 300MM	0	m	0.000	m
10	Slotted pipe 200MM	0	m	0.000	m
11	Slotted pipe 150MM	12	m	24.040	m
12	Date of lowering	24-02-2024			

 (.....) <b>Company Repre.</b>  M/S VSAIPPL-SMC JV, Ghazipur (U.P)	 (.....) <b>TPIA</b>  Medhaj Techno Concept Pvt. Ltd., Ghazipur	 (A. Srivastava) <b>Junior Engineer</b>	 (Nitish Kumar) <b>Assistant Engineer</b>	 (Adarsh Verma) <b>Exe. Engineer</b>
Division Office(E/M) ,U.P. Jal Nigam(Rural), Varanasi				

Latitude — 25.714579  
 Longitude — 83.783421



# Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

Mob. 9918202546 / 9889323322, Email-aquaxplorelko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 210 -B/ AX- 2024

Date 10.02.2024

## Geophysical Borehole Logging Report

Name of the site : Barezy & Khara T/W-2 Zone-7, Block - Barachawar

District : Ghazipur

Date : 10.02.2024

Depth logged : 358.0 mbgl

Depth drilled : 360.0 mbgl: as reported

Logger used : Robertson make

Presence : Representative of M/S VSAIPPL-SMC JV, Ghazipur, U.P.

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	12.0–16.0	4.0	
2	86.0–103.0	17.0	Good (1 to 5 & 9 to 15)
3	123.0–133.0	10.0	
4	138.0–145.0	7.0	
5	178.0–188.0	10.0	
6	204.0–211.0	7.0	
7	216.0–226.0	10.0	Moderate (6 to 8)
8	228.0–232.0	4.0	
9	237.0–244.0	7.0	
10	246.0–250.0	4.0	
11	257.0–274.0	17.0	
12	279.0–286.0	7.0	
13	289.0–293.0	4.0	
14	300.0–304.0	4.0	
15	319.0–323.0	4.0	

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline in between 32.0 to 72.0 mbgl. Clay layer lies in between 72.0 to 78.0 mbgl & 232.0 to 236.0 mbgl.

for Aqua Xplore

CC;

1. M/S VSAIPPL-SMC JV, Ghazipur, Uttar Pradesh