

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

**Actual Strata Chart of JALALABAD REORGANISATION WSS, BLOCK -JAKHANIYA, ZONE 2, GRAM PANCHAYAT - TADWATAPPA T.W-1**  
Under Jal Jeevan Mission, District- Ghazipur(U.P.)

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	Clay
2	6	20	Kankad Clay
3	20	40	Kankad
4	40	68	Very Fine Sand with Kankad
5	68	84	Kankad with Fine Sand
6	84	90	Kankad Clay
7	90	96	Fine Sand with Kankad
8	96	102	Kankad Clay
9	102	118	Kankad With Very fine Sand

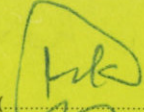

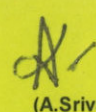
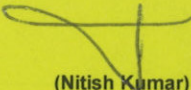
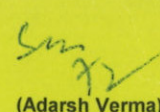
Drilling and assembly 300 mm		MS Ring Collar length	BGL including MS Ring Collar
600MM		AGL 0.50	0
6.140	P.P.	0.000	5.640
6.110	P.P.	0.000	11.750
6.020	P.P.	0.000	17.770
6.000	P.P.	0.000	23.770
6.000	P.P.	0.000	29.770
6.050	P.P.	0.000	35.820
6.020	P.P.	0.000	41.840
0.410	P.P.	0.000	42.250
3.500	S.P.	0.000	45.750
4.500	P.P.	0.000	50.250
3.500	S.P.	0.000	53.750
4.500	P.P.	0.000	58.250
6.000	S.P.	0.000	64.250
1.500	S.P.	0.000	65.750
3.000	P.P.	0.000	68.750
			75.000

**Logging Report**  
Date-09.09.2023

S.N.	Depth Range		Thick ness	Remark
	From	to		
1	22	32	10	Good ( 1 to 4 )
2	42	46	4	
3	50	54	4	
4	58	66	8	
5	90	94	4	Moderate ( 5 )

**Note-**  
1. All zones are intermixed with the Kankad, Quality of the formation water is deteriorating marginal to saline below 102.0 mbgl till depth logged

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	530.00	LPM		
2	Clear Depth of bore 600mm	120.00	Mbgl	75.000	Mbgl
3	Clear Depth of bore 500mm	0.00	Mbgl	0.000	Mbgl
4	Clear Depth of bore 450mm	0.00	Mbgl	118.000	Mbgl
5	Plane pipe 300MM	98.00	m	54.750	m
6	Plane pipe 200MM	0.00	m	0.000	m
7	Plane pipe 150MM	0.00	m	0.000	m
8	Slotted pipe 300MM	12.00	m	14.500	m
9	Slotted pipe 200MM	0.00	m	0.000	m
10	Slotted pipe 150MM	0.00	m	0.000	m
11	Date of lowering	18.09.2023			

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

(Groundwater Assessment & Allied Services)

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

Q-530  
98+12  
300x300

Ref 909 - T/ AX - 2023

Date 09.09.2023

## Geophysical Borehole Logging Report

Name of the site : Tandwa Tappa, Block - Jakhaniya

District : Ghazipur

Date : 09.09.2023

Depth logged : 118.0 mbgl

Depth drilled : 130.0 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	22.0---32.0	10.0	Good (1 to 4)
2	42.0---46.0	4.0	-3.5
3	50.0---54.0	4.0	-3.5
4	58.0---66.0	8.0	Moderate (5)
5	90.0---94.0	4.0	-7.5

Note. All zones are intermixed with kankar. Quality of the formation water is deteriorating marginal to saline below 102.0 mbgl till depth logged.

for Aqua Xplore

BP = 3 m  
Total 68.75  
Bore after Ram = 75 m

CC;

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