

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

**Actual Strata Chart of ARSADPUR (JANGIPUR) REORGANISATION WATER SUPPLY SCHEME, BLOCK-Birno
ZONE-9, GRAM PANCAHYAT- TARANPUR TW 1
Under Jal Jeevan Mission, District- Ghazipur(U.P.)**

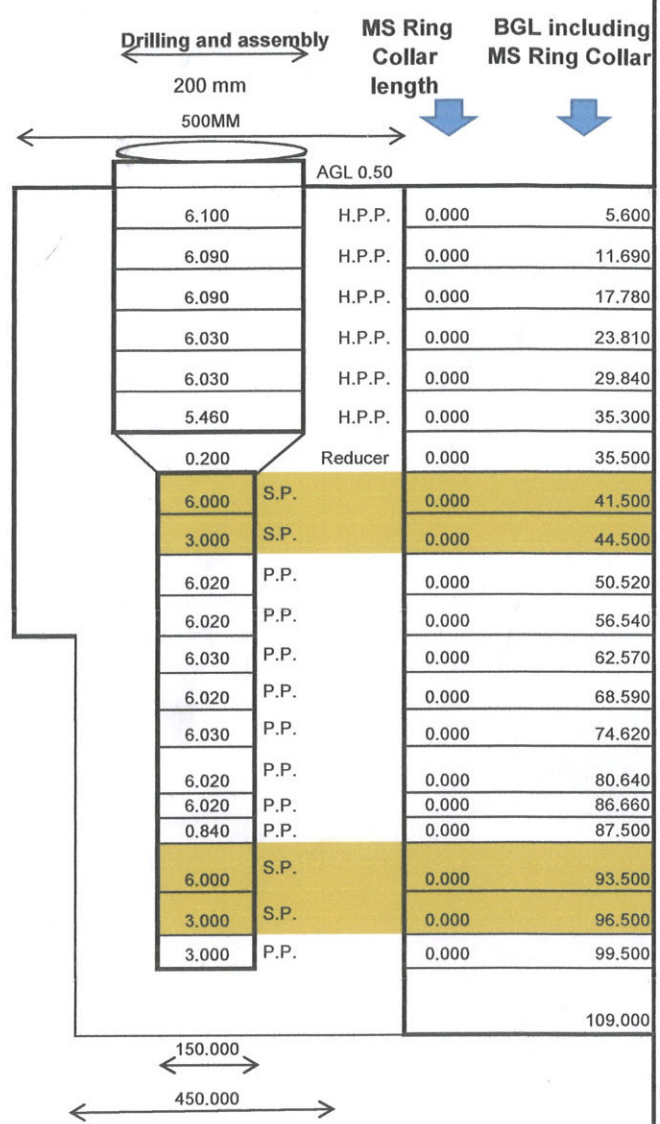
PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	6	Clay
2	6	28	Kankad Clay
3	28	46	Very Fine Sand with Kankad
4	46	86	Kankad Clay
5	86	98	Very Fine Sand with Kankad
6	98	115	Kankad Clay
7	115	132	Fine Sand With Kankad
8	132	156	Sandy Clay
9	156	205	Kankad Clay with very fine sand

Logging Report

Date -18.09.2023

S.N.	Depth Range	Thickn ess	Remark	
1	28	45	17	Good
2	87	97	10	Good

1. Fine Bands of Kankar are intermixed with almost all the zones.
2. Quality of ground water is deteriorating marginal to saline below 115.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well asembly.



Depth (m)	Material	BGL (m)	BGL including MS Ring Collar (m)
6.100	H.P.P.	0.000	5.600
6.090	H.P.P.	0.000	11.690
6.090	H.P.P.	0.000	17.780
6.030	H.P.P.	0.000	23.810
6.030	H.P.P.	0.000	29.840
5.460	H.P.P.	0.000	35.300
0.200	Reducer	0.000	35.500
6.000	S.P.	0.000	41.500
3.000	S.P.	0.000	44.500
6.020	P.P.	0.000	50.520
6.020	P.P.	0.000	56.540
6.030	P.P.	0.000	62.570
6.020	P.P.	0.000	68.590
6.030	P.P.	0.000	74.620
6.020	P.P.	0.000	80.640
6.020	P.P.	0.000	86.660
0.840	P.P.	0.000	87.500
6.000	S.P.	0.000	93.500
3.000	S.P.	0.000	96.500
3.000	P.P.	0.000	99.500
			109.000

DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	385.000	LPM		
2	Cear Depth of bore 600mm	0	Mbgl		
3	Cear Depth of bore 500mm	65	Mbgl	40.000	Mbgl
4	Clear Depth of bore 450mm	295	Mbgl	348.000	Mbgl
5	Plane pipe 300MM	0	m	0.000	m
6	Plane pipe 200MM	60	m	35.800	m
7	Plane pipe 150MM	258	m	46.000	m
8	Reducer 200 X 150 MM			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	18.000	m
12	Date of lowering			24.09.2023	

 (.....) Company Repre. M/S VSAIPPL-SMC	 (.....) TPIA Medhaj Techno Concept Pvt. Ltd., Ghazipur	 (A. Srivastava) Junior Engineer Division Office (E/M), U.P. Jal Nigam (Rural), Varanasi	 (Nitish Kumar) Assistant Engineer Division Office (E/M), U.P. Jal Nigam (Rural), Varanasi	 (Adarsh Verma) Exe. Engineer Division Office (E/M), U.P. Jal Nigam (Rural), Varanasi
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Tele Fax : +91-0522-246-5512(O)
 Mob. : + 91 - 9415141232, 9554034123
 E-mail : geo.instrument@outlook.com

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:23-24:LS:K- 240
 Dated: 19-09-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Taranpur Jangipur
 Block: Birno
 District: Ghazipur
 State: Uttar Pradesh
 Date of Logging: 18-09-2023
 Drilling Depth: 210.0 mbgl
 Logging Depth: 348.0 mbgl
 Rm - 16.0 Ωm Rw - 14.0 Ωm

Z-9

Borehole Drilled by: M/s Vikram Engineering, Ghazipur, Uttar Pradesh.

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.	28 - 45	17	Good
2.	87 - 97	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Quality of ground water is deteriorating marginal to saline below 115.0 m bgl to till depth logged.
 3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's

(S. Shukla)

Q = 385
 60 + 258 + 12
 200X150

200X150

