

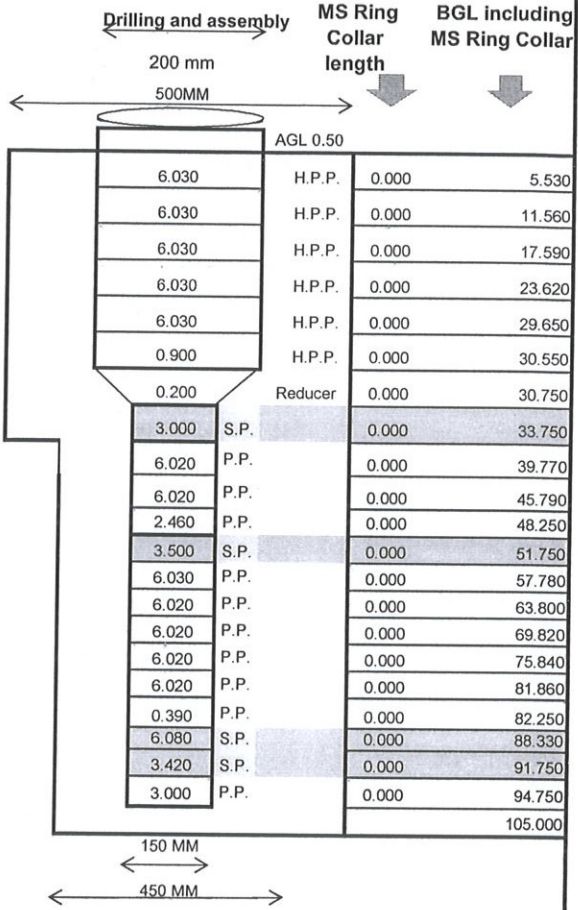
M/S VSAIPPL-SMC JV, Ghazipur (U.P)
Actual Strata Chart of ARSADPUR(JANGIPUR) REORGANISATION WATER SUPPLY SCHEME,BLOCK-
BIRNO,ZONE-2,GRAM PANCAHYAT- BAGHOL TW 2
Under Jal Jeevan Mission,District- Ghazipur(U.P.)

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	12	Clay
2	12	18	Kankad Clay
3	18	36	Very fine sand
4	36	46	Kankad Clay
5	46	54	Very fine sand with Kankad
6	54	80	Kankad Clay
7	80	95	Very Fine with Kankad
8	95	122	Kankad Clay
9	122	148	Kankad

Logging Report
10.07.2023

1	20	24	4	Good
2	28	34	6	Good
3	48	52	4	Good
5	82	92	10	Good

Note-
 1. Fine bands of kankar are intermixed with almost all the zones.
 2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating marginal to saline below 108 m bgl to till depth logged.
 4. Please ensure pre-monsoon water level before lower the well assembly.



DETAILS		AS PER DPR		ACTUAL	
1	Proposed Discharge	407.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl		
3	Clear Depth of bore 500mm	65	Mbgl	35.000	Mbgl
4	Clear Depth of bore 450mm	360	Mbgl	148.000	Mbgl
5	Plane pipe 300MM	0	m	0.000	m
6	Plane pipe 200MM	60	m	31.050	m
7	Plane pipe 150MM	258	m	48.000	m
8	Slotted pipe 300MM	0	m	0.000	m
9	Slotted pipe 200MM	0	m	0.000	m
10	Slotted pipe 150MM	12	m	16.000	m
11	Date of lowering			16.07.2023	

VSAIPPL SMC JV
 Company Repre.
 M/S VSAIPPL SMC

(Signature)
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

(Adarsh Verma)
 Exe. Engineer

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: 989

Dated: 11-07-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Baghol T.W. – 2 Zone – 2
Block: Virno
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 10-07-2023
Drilling Depth: 360.0m bgl
Logging Depth: 148.0m bgl
Rm – 14.0 Ω m Rw – 15.0 Ω m

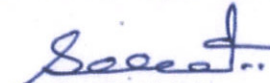
Borehole Drilled by: M/s VSAIPPL-SMC(JV), Ghazipur, U.P., India.

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.	20 – 24	04	Good
2.	28 – 34	06	Good
3.	48 – 52	04	Good
4.	82 – 92	10	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 4 is highly intermixed with fine bands of kankar.
3. Quality of ground water is deteriorating marginal to saline below 108.0 m bgl to till depth logged.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)