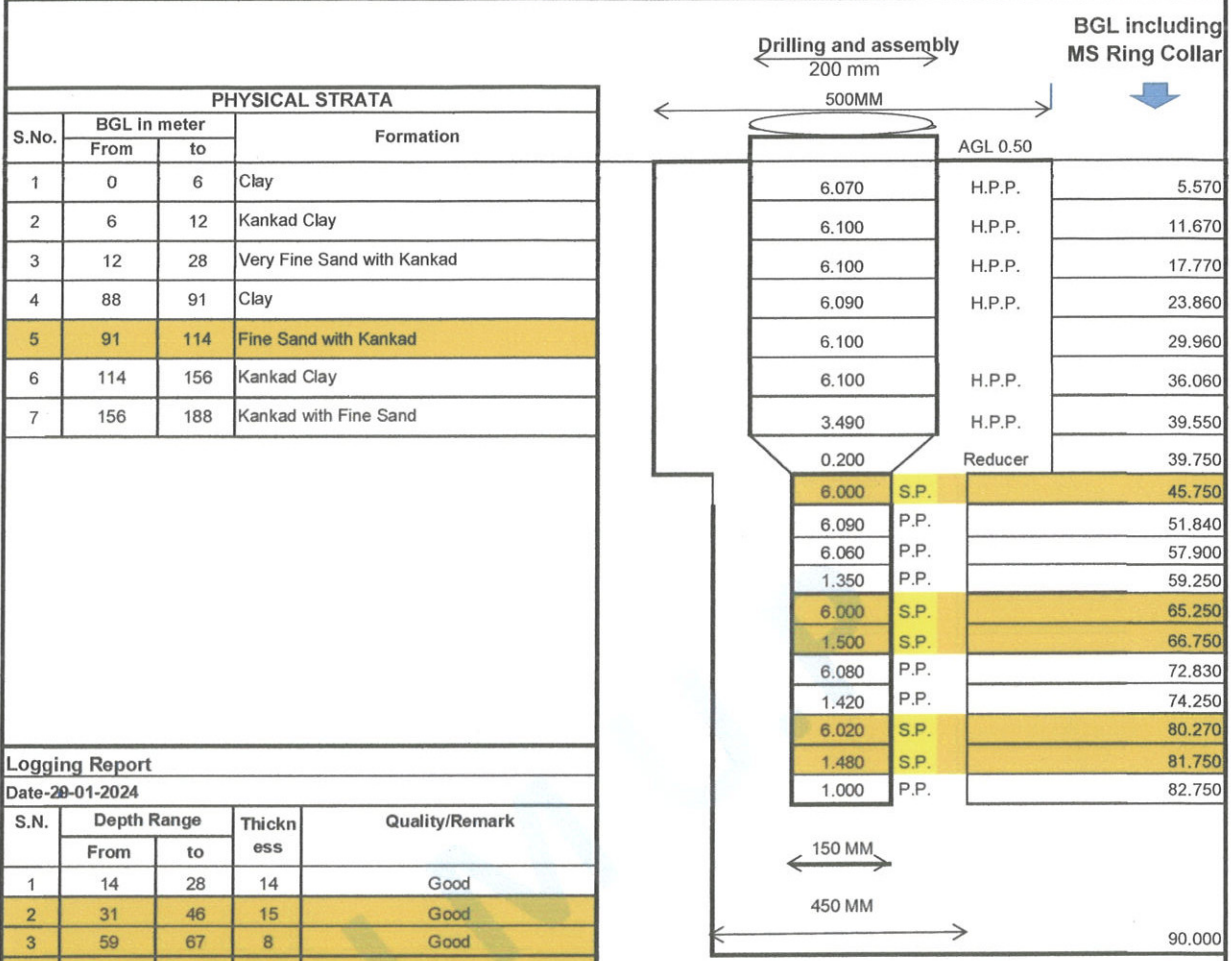


M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Actual Strata Chart of GOVINDPURKIRAT REORGANISATION WSS, BLOCK -MARDHA, ZONE 4, GRAM PANCHAYAT - BARAHI TW1 Under Jal Jeevan Mission, District- Ghazipur(U.P.)



Logging Report

Date-29-01-2024

S.N.	Depth Range		Thickn ess	Quality/Remark
	From	to		
1	14	28	14	Good
2	31	46	15	Good
3	59	67	8	Good
4	74	88	14	Good

- Note-
1. Fine bands of kankar are intermixed with almost all zones.
 2. Quality of underground water may deteriorate to marginal -saline from depth 91.0 bgl till depth logged.
 3. Please ensure pre-monsoon water level before lower the well assembly.

DETAILS		AS PER DPR	ACTUAL
1	Proposed Discharge	450.000 LPM	
2	Cear Depth of bore 600mm		
3	Cear Depth of bore 500mm	65.000 Mbgl	44.000 Mbgl
4	Cear Depth of bore 450mm	200.000 Mbgl	188.000 Mbgl
5	Plane pipe 300MM		
6	Plane pipe 200MM	60.000 m	40.050 m
7	Plane pipe 150MM	102.000 m	22.000 m
8	Reducer 200 X 150 MM		0.200 m
9	Slotted pipe 300MM		
10	Slotted pipe 200MM		
11	Slotted pipe 150MM	18.000 m	21.000 m
12	Date of lowering		17-02-2024

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



GEOTECH ENTERPRISE

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Ref./ UP-230/ 01 – 2024

Dated: 29-01-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site : Barahi TW 1 Zone 4
Block : Mardah
District : Ghazipur
State : Uttar Pradesh
Date of Logging : 28-01-2024
Drilling Depth : 200.0 m bgl
Logging Depth : 188.0 m bgl
Borehole Drilled by : VSAIPPL-SMC-JV, Ghazipur, U.P.

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N – 16")**, **Long Normal (N – 64")** and **Lateral 6'** Geophysical Logs, following information/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
01	14 – 28	14	Good
02	31 – 46	15	Good
03	59 – 67	08	Good
04	74 – 88	14	Good

Note:

- 1) Fine bands of Kankar are intermixed with almost all zones
- 2) Quality of groundwater may deteriorate to Marginal – Saline from depth 91.0 m bgl till depth logged
- 3) Please ensure pre – monsoon water level before lowering the well assembly



For Geotech Enterprise

Avinash Goswami

Geologist