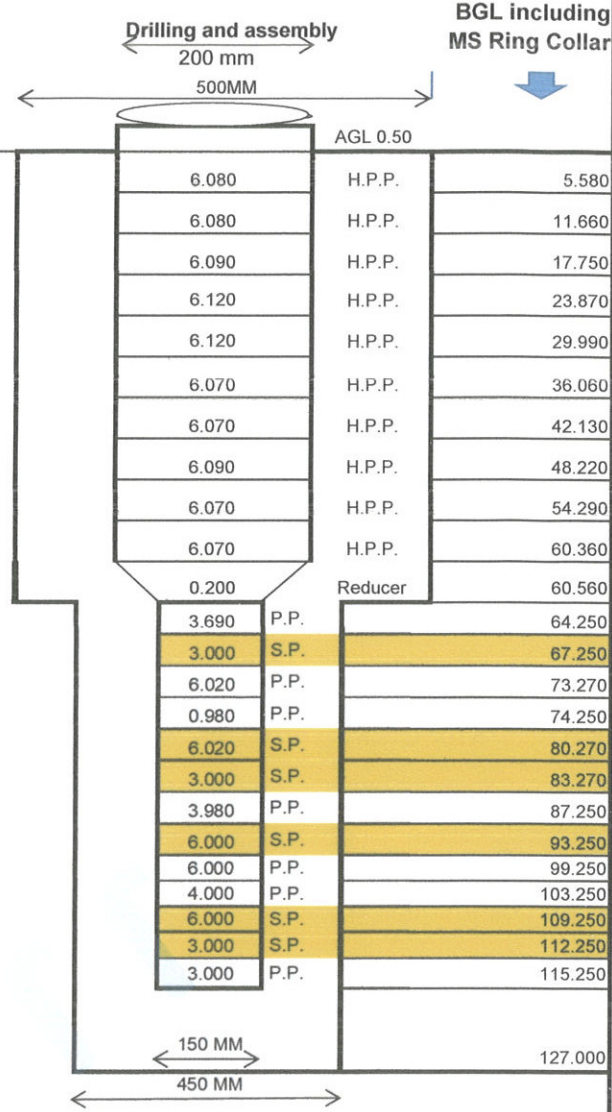


M/S VSAIPPL-SMC JV, Ghazipur (U.P)

Actual Strata Chart of GOVINDPURKIRAT REORGANISATION WSS, BLOCK -MARDHA, ZONE 1, GRAM PANCHAYAT - GOVINDPURKIRAT TW-3 Under Jal Jeevan Mission, District- Ghazipur(U.P.)

109
105

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	14	Clay
2	14	52	Very very fine sand with kankad
3	52	62	Kankard Clay
4	62	114	Kankard with very fine sand
5	114	134	Kankard Clay
6	134	144	Fine sand with kankad
7	144	148	Clay
8	148	169	Fine sand with kankad



Logging Report

Date-19-02-2024

S.N.	Depth Range		Thickness	Quality/Remark
	From	to		
1	15	22	7	Good
2	25	32	7	Good
3	36	40	4	Good
4	48	51	3	Good
5	64	68	4	Good
6	74	84	10	Good
7	87	94	7	Good
8	103	113	10	Good
9	136	142	6	Moderate

Note-
 1. Zone SI.No 4 is fine sand in nature.
 2. Zone SI.No.6 is fine bands of kankar intermixed.
 3. Quality of ground water is deteriorating marginal to saline below 148.0 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	600.000	LPM		
2	Clear Depth of bore 600mm	0	Mbgl		Mbgl
3	Clear Depth of bore 500mm	65	Mbgl	60.360	Mbgl
4	Clear Depth of bore 450mm	200	Mbgl	169.000	Mbgl
5	Plane pipe 300MM	0	m	0.000	m
6	Plane pipe 200MM	60	m	60.860	m
7	Plane pipe 150MM	96	m	27.670	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	24	m	27.020	m
12	Date of lowering			24-02-2024	

 (.....) Company Repre. M/S VSAIPPL-SMC JV, Ghazipur (U.P)	 (.....) TPIA Medhaj Techno Concept Pvt. Ltd., Ghazipur	 (A.Srivastava) (Nitish Kumar) (Adarsh Verma) Junior Engineer Assistant Engineer Exe. Engineer Division Office(E/M) ,U.P.Jal Nigam(Rural),Varanasi
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Latitude - 25.777391
 Longitude - 83.56929

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:K- 637

Dated: 20-02-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Govindpur Kirat TW – 3 Zone – 1
Block: Mardah
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 19-02-2024
Drilling Depth: 205.0 m bgl
Logging Depth: 169.0 m bgl
Rm – 14.0 Ω m Rw – 13.0 Ω m

Latitude: 25.777275 Longitude: 83.569378

Borehole Drilled by: M/s VSAIPPL SMC (JV), 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.	15 – 22	07	Good
2.	25 – 32	07	Good
3.	36 – 40	04	Good
4.	48 – 51	03	Good
5.	64 – 68	04	Good
6.	74 – 84	10	Good
7.	87 – 94	07	Good
8.	103 – 113	10	Good
9.	136 – 142	06	Moderate

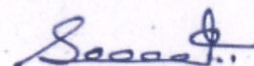
Note: 1. Zone Sl. No. 4 is fine sand in nature.

2. Zone Sl. No. 6 is fine bands of kankar intermixed.

3. Quality of ground water is deteriorating marginal to saline below 148.0 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)