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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:22-23:LS:1K- 250
Dated: 19-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Majhwan Khurd
Block: Bansi
District: Siddharth Nagar
State: Uttar Pradesh
Drilling Depth: 176.0 m bgl
Logging Depth: 165.0 m bgl
Date of logging: 18-01-2023
Rm - 40.0 Ω m Rw - 45.0 Ω m

Borehole Drilled by: M/s MEIL, Siddharth Nagar, 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.	17 - 20	03	Good
2.	52 - 62	10	Good
3.	73 - 80	07	Good
4.	103 - 110	07	Good
5.	118 - 128	10	Good
6.	136 - 152	16	Good
7.	156 - 160	04	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
2. Zone Sl. No. 6 is highly intermixed with thin bands of kankar.

Verified as per logs provided.
G.S.H.
20/01/23

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Cover Agreement No.:-

Name of District:- SIDDHARTH NAGAR

Block Name:- BANSI

Scheme Name:- MAJHWAN KHURD

Name of Activity:- LOWERING OF TURBOWELL

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.63 M
				200 x 150mm reducer from 35.63 M to 35.83 M
			6.00	150mm dia plain pipe from 35.83 M to 103.58 M
			6.00	150mm dia slotted pipe from 103.58 M to 109.61 M
			6.02	150mm dia plain pipe from 109.61 M to 120.18 M
			6.03	150mm dia slotted pipe from 120.18 M to 126.20 M
			6.02	150mm dia plain pipe from 126.20 M to 138.34 M
			6.06	150mm dia slotted pipe from 138.34 M to 144.34 M
			35.63	150mm dia plain pipe from 144.34 M to 150.41 M
			35.83	150mm dia slotted pipe from M to M
			6.00	150mm dia plain pipe from M to M
			6.00	150mm dia slotted pipe from M to M
			6.01	150mm dia plain pipe from M to M
			6.02	150mm dia slotted pipe from M to M
			6.02	
			6.03	
			6.03	Total Assembly- 150.41 M + AGL 0.5 = 150.91 M
			6.04	
			6.05	
			6.05	
			1.5	
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- 176 M
				Assembly Lowered- 150.91 M
				Housing Pipe- 36.13 M
				Plain Pipe- 96.59 M
				Slotted Pipe- 18.05 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 165 M
				17-20 = 03
				52-62 = 10
				73-80 = 07
				103-110 = 07
				118-128 = 10
				136-152 = 16
				156-160 = 04



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