

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- 57

Dated: 29-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Goorahi Khurd**
Block: **Khuniyaon**
District: **Siddharth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **172.0 m bgl**
Logging Depth: **161.0 m bgl**
Date of logging: **29-12-2022**
Rm - **45.0 Ω m** Rw - **35.0 Ω m**

Borehole Drilled by: **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.	16 - 22	06	Good
2.	27 - 31	04	Good
3.	48 - 55	07	Good
4.	62 - 72	10	Good
5.	81 - 85	04	Good
6.	95 - 102	07	Good
7.	123 - 130	07	Good
8.	136 - 143	07	Good
9.	151 - 155	04	Good

Note: 1. **Very Fine bands of Kankar are intermixed with almost all the Zones.**

2. **Zone Sl. No. 9 is Fine Sand in nature.**

For Geo Instruments & Technic's


(S. Shukla)

Verified as per logs provided.
|
G. Gh
30/12/22



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal Jal Jeevan Mission

Cover Agreement No. :-

Name of District:-

Siddharthnagar
Gaurahi Buzurg

Scheme Name:-

Name of Activity :-

Block Name:-

Domariyaganj

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.50 M
				200 x150mm reducer from 35.50 M to 35.70 M
				150mm dia plain pipe from 35.70 M to 95.50 M
				150mm dia slotted pipe from 95.50 M to 101.51 M
				150mm dia plain pipe from 101.51 M to 123.41 M
				150mm dia slotted pipe from 123.41 M to 129.41 M
				150mm dia plain pipe from 129.41 M to 136.52 M
				150mm dia slotted pipe from 136.52 M to 142.52 M
				150mm dia plain pipe from 142.52 M to 148.52 M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly- 148.52 M+AGL 0.5= 149.02 M
				ABSTRACT
				Date of Lowering- 31/12/22
				LPM- 450 160
				Drilling Depth- 172 M AH
				Assembly Lowered- 149.02 M
				Housing Pipe- 36.0 M
				Plain Pipe- 94.81 M
				Slotted Pipe- 18.01 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 29.12.22
				Logging Depth- 161.0 M
				16 - 22 = 6
				27 - 31 = 4
				48 - 55 = 7
				62 - 72 = 10
				81 - 85 = 4
				95 - 102 = 7
				123 - 130 = 7
				136 - 143 = 7
				151 - 155 = 4

MEIL

TPI

AH
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