

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: 393

Dated: 11-07-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Karahi Khas
Block: Dumariaganj
District: Basti
State: Uttar Pradesh
Date of Logging: 11-07-2022
Drilling Depth: 170.0 m bgl
Logging Depth: 170.0 m bgl
Rm - 18.0 Ω m Rw - 16.0 Ω m

Borehole Drilled by: G A Infra Pvt. Ltd., Basti Uttar Pradesh, 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.	25 - 33	08	Good
2.	40 - 58	18	Good
3.	65 - 72	07	Good
4.	87 - 94	07	Good
5.	99 - 105	06	Good
6.	113 - 117	04	Good
7.	120 - 124	04	Good
8.	135 - 145	10	Good
9.	163 - 170	07	Good

Note: Fine bands of Kankar are intermixed almost all the Zones.

Verified as per logs provided.

G. S. Shukla
ASSISTANT SUPERVISOR
YANKI MANDAL
UP. DIST. PRAYAGRAJ
11/07/2022

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

Cover Agreement No. :-

Name of District:-

Siddharthnagar

Block Name:-

Khuniyaan

Scheme Name:-

Karahi khas

Name of Activity :-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			+0.5	300 mm Dia housing pipe to 41.55M
			6.01	300 x 150mm reducer from 41.55 M to 41.75 M
			6.03	150mm dia plain pipe from 41.75 M to 65.49M
			6.01	150mm dia slotted pipe from 65.49 M to 71.50 M
			6.01	150mm dia plain pipe from 71.50 M to 87.53 M
			6.00	150mm dia slotted pipe from 87.53 M to 93.54 M
			6.00	150mm dia plain pipe from 93.54 M to 113.60M
			5.99	150mm dia slotted pipe from 113.60 M to 116.60 M
			6.01	150mm dia plain pipe from 116.60 M to 120.50 M
25.0		CLAY	6.01	
33.0		medium sand	6.01	
40.0		CLAY	6.00	
			6.00	
			5.99	
			6.01	
58.0		CLAY	6.02	
			5.70	
65.0		medium sand	6.01	
			6.01	
72.0		CLAY	6.02	
			6.01	
87.0		medium sand	4.00	
			6.01	
94.0		CLAY	6.01	
			6.01	
99.0		medium sand	6.01	
			6.02	
105.0		CLAY	2.01	
			6.02	
113.0		medium sand	3.00	
			3.90	
117.0		CLAY	3.01	
			6.02	
120.0		medium sand	6.01	
			6.02	
124.0		CLAY	6.01	
			6.01	
135.0		medium sand	6.01	
			6.01	
145.0		CLAY	6.01	
			6.01	
163.0		medium sand	6.01	
170.0				

Total Assembly-150.59 M+AGL 0.5=151.07M

ABSTRACT

Date of Lowering- 07/09/2022

LPM- 200 LPM

Drilling Depth- 165 M

Assembly Lowered-151.07M

Housing Pipe- 42.55 M

Plain Pipe- 81.78 M

Slotted Pipe- 27.04 M

Reducer- 0.2 M

LOGGING REPORT

Date of Logging- 06/09/2022

Logging Depth- 170.0 M

25 - 33.0 = 08.0

40.0 - 58.0 = 18.0

65.0 - 72.0 = 07.0

87.0 - 94.0 = 07.0

99.0 - 105.0 = 06.0

113.0 - 117.0 = 04.0

120.0 - 124.0 = 04.0

135.0 - 145.0 = 10.0

163.0 - 170.0 = 07.0



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J.E.

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A.E.

E.E.