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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:23-24:LS:K- 419
Dated: 03-11-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Ganeshpur
Block: Nautanwa
District: Maharajganj
State: Uttar Pradesh
Date of Logging: 03-11-2023
Drilling Depth: 250.0 m bgl
Logging Depth: 224.0 m bgl
Rm - 19.0 Ω m Rw - 15.0 Ω m

Latitude: 27.401461 Longitude: 83.57944

Borehole Drilled by: M/s Ritwik Koya (JV), Maharajganj, 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 - 20	04	Good
2.	26 - 30	04	Good
3.	34 - 38	04	Good
4.	40 - 49	09	Good
5.	54 - 58	04	Good
6.	105 - 117	12	Good
7.	120 - 127	07	Good
8.	135 - 145	10	Good
9.	150 - 154	04	Good
10.	157 - 161	04	Good
11.	175 - 179	04	Good
12.	185 - 189	04	Good
13.	192 - 199	07	Good
14.	217 - 221	04	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zones Sl. No. 11 is fine sand in nature.
3. Zone Sl. No. 14 is Medium sand in nature.
4. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's



S. Shukla
(S. Shukla)

JIM-III

G.P. - Ganeshpur

Block - Nautanua, Maharajganj

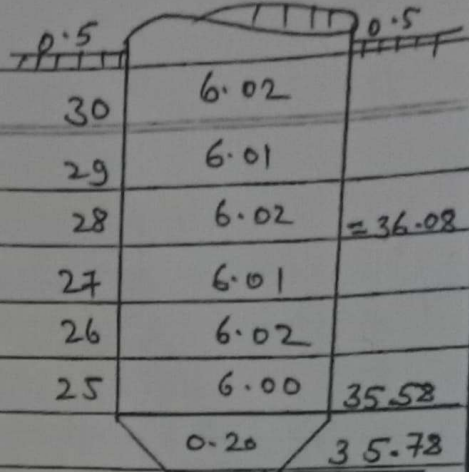
Drilling Depth - 250, 500, 500

Logging Depth - 224

Logging Date - 03-11-23

LPM = 550, 200x150 21 mts slotted

Date - 04-11-23



30	6.02	
29	6.01	
28	6.02	= 36.08
27	6.01	
26	6.02	
25	6.00	35.58
	0.20	35.78

Logging Report

① 16-20 = 04

② 26-30 = 04

③ 34-38 = 04

④ 40-49 = 09

⑤ 54-58 = 04

⑥ 105-117 = 12 = 06

⑦ 120-127 = 07 = 06

⑧ 132-145 = 10 = 06

⑨ 150-154 = 04

⑩ 157-161 = 04 = 03

⑪ 175-179 = 04

⑫ 185-189 = 04

⑬ 192-199 = 07

⑭ 217-221 = 04

24	6.00	
23	6.04	
22	6.03	
21	6.02	
20	6.02	
19	6.03	= 72.20
18	6.03	
17	6.01	
16	6.02	
15	6.03	
14	6.01	
13	5.96	107.98
12	---	6.01 113.99
11	4.00	
10	2.50	120.49
9	---	6.01 126.50
8	6.00	
7	6.01	138.51
6	---	6.01 144.52
5	5.08	
4	5.98	= 13.06
3	2.00	157.58
2	---	3.00 160.58

total Lowering 166.80 mtr

167.11 mtr

1	6.03	166.69
		+ 0.5
		167.19
		167.11



Seen
AR

RITHWIK - KOYA (JV)
SWSM PROJECT, GORAKHPUR, U.P.
STRATA CHART

COVER AGREEMENT NO.: 486/ED/PHASE-3/2022-23/11, 27-02-23

NAME OF DISTRICT:- MAHARAJGANJ

SCHEME NAME:- GANESH PUR

BLOCK NAME:- NAUTANWA

NAME OF ACTIVITY:- CONST. OF TUBEWELL

Depth B.G.L. Meter	Boring Chart	Starts	Executed Assembly	ASSEMBLY DETAILS
			0.50 AGL	200 mm Dia Housing Pipe to 35.58 M
		6.02	35.80	200 X 150 mm Reducer From 35.58 M to 35.78 M
		6.01		150mm Dia Plain Pipe From 35.78 M to 107.98 M
		6.02		150mm Dia Slotted Pipe From 107.98 M to 113.99 M
16.00	- Fine sand	6.01		150mm Dia Plain Pipe From 113.99 M to 120.49 M
20.00	- clay	6.02		150mm Dia Slotted Pipe From 120.49 M to 126.50 M
26.00	- Fine sand	6.01		150mm Dia Plain Pipe From 126.50 M to 138.51 M
30.00	- Fine sand	6.02		150mm Dia Slotted Pipe From 138.51 M to 144.52 M
34.00	- Fine sand	6.00	35.80	150mm Dia Plain Pipe From 144.52 M to 157.58 M
38.00	- clay			150mm Dia Slotted Pipe From 157.58 M to 160.58 M
54.00	- Fine sand		35.78	150mm Dia Plain Pipe From 160.58 M to 166.61 M
58.00	- clay			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
				150mm Dia Slotted Pipe From M to M
				Total Assembly: 166.61 M + AGL 0.5 = 167.61 M
				ABSTRACT
107.98	- Medium sand	107.98		Date of Lowering:
117.00	- clay	113.99		LPM:- 550
				Drilling Depth:- 234.00 M
120.49	- Medium sand	120.49		Assembly Lowered:- 167.61 M
127.00	- clay	126.50		Housing Pipe:- 36.08 M
				Plain Pipe:- 109.80 M
138.51	- Medium sand	138.51		Slotted Pipe:- 21.03 M
145.00	- clay	144.52		Reducer:- 0.20 M
				LOGGING REPORT
157.58	- Medium sand	157.58		Date of Logging: 03.11.23 1
160.58	- clay	160.58		Logging Depth: ① 16-20 = 04 ⑬ 192-199 = 07
				② 26-30 = 04 ⑭ 217-224 = 07
				③ 34-38 = 04
				④ 40-49 = 09
				⑤ 54-58 = 04
				⑥ 105-117 = 12
				⑦ 120-127 = 07
				⑧ 138-145 = 07
				⑨ 150-154 = 04
				⑩ 157-161 = 04
				⑪ 175-179 = 04
				⑫ 185-189 = 04
179.00	- Fine sand			
185.00	- clay			
189.00	- Fine sand			
192.00	- clay			
199.00	- Fine sand			
217.00	- clay			
224.00	- Fine sand			
234.00	- clay			



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TPIA

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JE

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AE

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