

Rithwik-Koya Joint Venture

Site Office:-Plot No. 1910-1,Sarojini Nagar,Ward No-20,Maharajganj-273303,Uttar Pradesh

Ph:040-23530027,Email: kccplgorakpur@kccpl.com

Strata Chart as per actual tubewell assembly lowered at **DEVPUR & GANPATI** T/W WSS.

Block:- **LAXMI PUR**, Dist Maharajganj Under Jal Jeevan Mission.

Type of Rig machine:- **RL**
Contractor Name:- **RITHWIK-KOYA (JV)** Depth Logged:- **177m**

Size Of Bore:- **800x500 mm**

Size Of Assembly:- **300x150 mm**

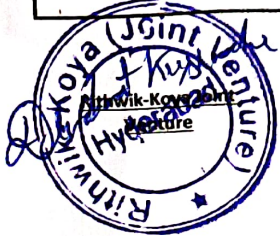
Date of logging:- **30.01.2023**

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report																																			
0	Soil		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Sl No</th> <th>Depth Range MBGL</th> <th>Thickness (Mtr)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td>1</td><td>18-22</td><td>04</td><td rowspan="10" style="vertical-align: middle;">} 6000</td></tr> <tr><td>2</td><td>30-39</td><td>09</td></tr> <tr><td>3</td><td>42-45</td><td>03</td></tr> <tr><td>4</td><td>70-73</td><td>03</td></tr> <tr><td>5</td><td>80-86</td><td>06</td></tr> <tr><td>6</td><td>96-106</td><td>10</td></tr> <tr><td>7</td><td>110-117</td><td>07</td></tr> <tr><td>8</td><td>120-123</td><td>03</td></tr> <tr><td>9</td><td>137-141</td><td>04</td></tr> <tr><td>10</td><td>179-177</td><td>03</td></tr> </tbody> </table>	Sl No	Depth Range MBGL	Thickness (Mtr)	Remarks	1	18-22	04	} 6000	2	30-39	09	3	42-45	03	4	70-73	03	5	80-86	06	6	96-106	10	7	110-117	07	8	120-123	03	9	137-141	04	10	179-177	03
Sl No	Depth Range MBGL	Thickness (Mtr)	Remarks																																			
1	18-22	04	} 6000																																			
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4	70-73	03																																				
5	80-86	06																																				
6	96-106	10																																				
7	110-117	07																																				
8	120-123	03																																				
9	137-141	04																																				
10	179-177	03																																				
12	Black Sand	6.04	0.50																																			
24	clay	6.03	36.20																																			
30	m. Sand	6.03	35.70																																			
48	sand + soil	6.04	35.90																																			
54	clay	6.03																																				
69	Sand + Soil	0.20																																				
75	m. Sand	6.02																																				
87	clay	6.01	44.10																																			
96	m. Sand	6.01																																				
120	F. Sand	6.00	80.00																																			
126	m. Sand	6.01	86.00																																			
135	m. Sand	4.00	10.03																																			
144	clay	6.03	96.03																																			
174	F. Sand	3.00	105.05																																			
178	clay	5.50	110.55																																			
190	clay	6.02	116.57																																			
		6.01	21.04																																			
		6.02	137.61																																			
		3.00	140.61																																			
		6.00	146.61																																			
		AGL + 0.50																																				
		Total = 147.11																																				

Note:- Fine bands of kankar are intermixed with almost all the zones.

1. Drilling Started Date: 27.01.2023
 2. Drilling Completed date: 29.01.2023
 3. Lowering Complete Date:
 4. Assembly Lowered on Dated:
 - A) Housing Pipe 300 mm dia (AGL)= 0.50
 - B) Housing Pipe 300 mm dia (BGL)= 35.70
 - C) Reducer 300 mm X 150 mm = 0.20
 - D) Slotted pipe 150 mm dia= 24.05
 - E) Plain Pipe 150 mm dia= 86.68
- With AGL= 147.11
Total Assembly: Without AGL= 146.61

Assembly Details	
M to M	Total in M
# 300mm Housing Pipe = 0-35.70	
# 300x150mm Reducer = 35.7-35.9	
# 150mm Plain Pipe = 35.9-80.00	
# 150mm slotted Pipe = 80.0-86.0	
# 150mm Plain Pipe = 86.0-96.03	
# 150mm slotted Pipe = 96.03-105.05	
# 150mm Plain Pipe = 105.05-110.55	
# 150mm slotted Pipe = 110.55-116.57	
# 150mm Plain Pipe = 116.57-137.61	
# 150mm slotted Pipe = 137.61-140.61	
# 150mm Plain Pipe = 140.61-146.61	
Total Assembly = 146.61 + AGL 0.50 = 147.11	



TPI (M/S Medhal)
A

J.E
MK

A.E
M

E.E



Tele Fax : +91-0522-246-5512(O)
 Mob. : + 91 - 9415141232, 9554034123
 E-mail : geo.instrument@outlook.com

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- 352
 Dated: 31-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Devpur
 Block: Laxmipur
 District: Maharajganj
 State: Uttar Pradesh
 Drilling Depth: 190.0 m bgl
 Logging Depth: 177.0 m bgl
 Date of logging: 30-01-2023
 Rm - 27.0 Ω m Rw - 39.0 Ω m

Borehole Drilled by: M/s Rithwik- Koya-JV, Maharajganj, U.P. 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.	18 - 22	04	Good
2.	30 - 39	09	Good
3.	42 - 45	03	Good
4.	70 - 73	03	Good
5.	80 - 86	06	Good
6.	96 - 106	10	Good
7.	110 - 117	07	Good
8.	120 - 123	03	Good
9.	137 - 141	04	Good
10.	174 - 177	03	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 6 & 7 are highly intermixed with fine bands of kankar.
 3. Zone Sl. No. 8 is fine sand in nature.
 4. Zone Sl. No. 10 is fine sand and with intermixed kankar.

*Verified as per logs provided,
 G.Ch
 31/01/23*

For Geo Instruments & Technic's

S. Shukla
 (S. Shukla)