

Rithwik-Koya Joint Venture

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

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Strata Chart as per actual tubewell assembly lowered at BHAISHHIYA T/W WSS.

Block:- LAXMIPUR Dist Maharajganj Under Jal Jeevan Mission.

Type of Rig machine:- RC
Contractor Name:- Rithwik-Koya (JV) Depth Logged:- 141 MTR

Size Of Bore:- 500X500 mm
Size Of Assembly:- 200X150 mm
Date of logging:- 17.01.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report
0	Sail	0.50	
15	M. Sand	6.01	
26	Sail + Sand	6.01	
32	Sail	6.02	
42	M. Sand	6.01	
48	Sail	6.00	
68	M. Sand	6.01	
79	Sail + Sand	4.50	
86	M. Sand	6.02	
94	Sail	6.01	
100	M. Sand	4.00	
114	Sail	3.00	
118	M. Sand	5.00	
126	Sail + Sand	2.00	
145		3.00	
		121	
		AGL + 0.50	
		Total 121.50 MTR	

SI No	Depth Range MBGL	Thickness (Mtr)	Remarks
1.	20-24	04	} GOOD
2.	30-40	10	
3.	42-45	03	
4.	70-77	07	
5.	86-90	04	
6.	96-100	04	
7.	115-118	03	
8.	122-126	04	

Note:- (1) Zone SI No-1 is highly intermixed with kankar.
(2) 3 & 7 are fine sand in nature.
(3) 2 & 6 are highly intermixed with fine sand.

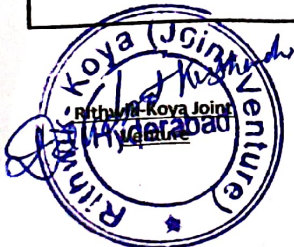
1. Drilling Started Date: 10.1.2023
2. Drilling Completed date:
3. Lowering Complete Date:
4. Assembly Lowered on Dated:

A) Housing Pipe 200 mm dia (AGL)= 0.50
B) Housing Pipe 200 mm dia (BGL)= 35.58
C) Reducer 200 mm X 150 mm = 0.20
D) Slotted pipe 150 mm dia= 15.02
E) Plain Pipe 150 mm dia= 70.20
With AGL= 121.50

Total Assembly: Without AGL= 121 MTR

Assembly Details	
M to M	Total in M
# 200mm dia Housing pipe	0-35.58
# 200X150mm dia Reducer	35.58-35.78
# 150mm dia plain pipe	35.78-70.33
# 150mm dia slotted pipe	70.33-76.35
# 150mm dia plain pipe	76.35-86.36
# 150mm dia slotted pipe	86.36-89.36
# 150mm dia plain pipe	89.36-96.36
# 150mm dia slotted pipe	96.36-99.36
# 150mm dia plain pipe	99.36-115
# 150mm dia slotted pipe	115-118

Total Assembly 121 + AGL 0.50 = 121.50 MTR



TPI (M/S Medhaj)

J.E

A.E

E.E

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS:1K- 221

Dated: 17-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bhaisaiya**
Block: **Laxmipur**
District: **Maharajganj**
State: **Uttar Pradesh**
Drilling Depth: **145.0 m bgl**
Logging Depth: **141.0m bgl**
Date of logging: **17-01-2023**
Rm - ~~30.0 m~~ Rw - ~~45.0 m~~

Borehole Drilled by: M/s Rithwik- Koya - JV, Maharajganj, U. P.

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.	20 - 24	04	Good
2.	30 - 40	10	Good
3.	42 - 45	03	Good
4.	70 - 77	07	Good
5.	86 - 90	04	Good
6.	96 - 100	04	Good
7.	115 - 118	03	Good
8.	122 - 126	04	Good

Note: 1. Zone Sl. No. 1 is highly intermixed with Kankar.

~~2.~~ Zone Sl. No. 3 & 7 are fine sand in nature.

~~3.~~ Zone Sl. No. 2 & 8 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.
G.S.
17/01/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)