

# 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 BELWA KHURD T/W WSS.

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

Type of Rig machine:-

LPM:- 1050

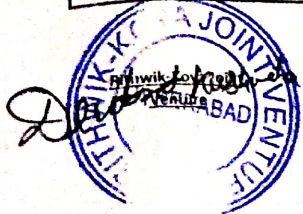
Depth Logged:- 224.0 m

Size Of Bore:- 600 x 500 mm

Size Of Assembly:- 300 x 150 mm

Date of logging:- 28.02.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly		Logging Report			
				SI No	Depth Range MBGL	Thickness (Mtr)	Remarks
0	Soil	6.02	0.50	1	16-20	04	Wood
12	F. Sand	6.02	36.12	2	29-33	04	
21	clay	6.01		3	36-40	04	
27	Black Sand	6.02		4	57-67	10	
42	sand + soil	6.03		5	78-85	07	
54	M. sand	6.02	35.62	6	110-116	06	
69	clay + kankar	0.20	35.82	7	146-150	04	
78	M. sand	6.01	22.02	8	216-223	07	
87	clay	6.01	57.84	Note:- Fine bands of kankar are intermixed with almost all the zone. Zones SI No. 4 & 8 are highly intermixed with fine bands of kankar			
108	M. sand + kankar	6.01		66.86	1. Drilling Started Date: <u>28.02.2023</u>		
117	clay	6.00	78.87	2. Drilling Completed date: <u>07.03.2023</u>			
144	M. sand	6.00	110.00	3. Lowering Complete Date: <u>05.3.2023</u>			
150	clay	6.01		12.01	4. Assembly Lowered on Dated: <u>05.3.2023</u>		
220	clay	6.02	84.90	A) Housing Pipe <u>300</u> mm dia (AGL)= <u>0.5</u>			
		3.00	66.86	B) Housing Pipe <u>300</u> mm dia (BGL)= <u>35.62</u>			
		6.00	78.87	C) Reducer <u>300</u> mm X <u>150</u> mm = <u>0.2</u>			
		6.01	84.90	D) Slotted pipe <u>150</u> mm dia= <u>24.05</u>			
		6.02	116.00	E) Plain Pipe <u>150</u> mm dia= <u>95.22</u>			
		6.02	116.00	With AGL= <u>155.59</u>			
		6.02	146.08	Total Assembly: Without AGL= <u>155.08</u>			
		6.02	149.08	Total Assembly: <u>155.09 + AGL = 155.59</u>			
		6.01	155.09				
			+0.5				
			155.59				



TPI (M/S Medhal)

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A.E

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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:22-23:LS:1K- 657  
Dated: 01-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Belwa Khurd  
Block: Laxmipur  
District: Maharajganj  
State: Uttar Pradesh  
Drilling Depth: 225.0 m bgl  
Logging Depth: 224.0 m bgl  
Date of logging: 28-02-2023  
Rm - 19.0  $\Omega$ m Rw - 21.0  $\Omega$ 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)
<del>1.</del>	16 - 20	04	Good
<del>2.</del>	29 - 33	04	Good
<del>3.</del>	36 - 40	04	Good
<del>4.</del>	57 - 67	10	Good
<del>5.</del>	78 - 85	07	Good
<del>6.</del>	110 - 116	06	Good
<del>7.</del>	146 - 150	04	Good
<del>8.</del>	216 - 223	07	Good

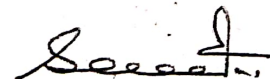
Note: 1. Fine bands of kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 4 & 8 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

G.Sh  
02/03/23

For Geo Instruments & Technic's

  
(S. Shukla)