

# Rithwik-Koya Joint Venture

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

Ph: 040-23530027, Email: kcclgorakpur@kcclpl.com

Strata Chart as per actual tubewell assembly lowered at BAIJNATH URF CHARKA T/W WSS.

Block:- LAXMIPUR Dist Maharajganj Under Jal Jeevan Mission.

Size Of Bore:- 500mm

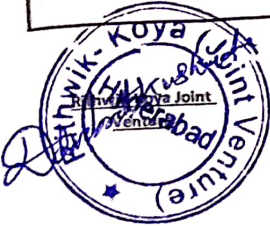
Type of Rig machine:- PL

Size Of Assembly:- 200x150

Contractor Name:- PITTHIK-10MM (JV) Depth Logged:- 178m

Date of logging:- 31.01.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report																																																				
0	Soal		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>SI No</th> <th>Depth Range MBGL</th> <th>Thickness (Mtr)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr><td>1</td><td>15-19</td><td>1.04</td><td></td></tr> <tr><td>2</td><td>31-41</td><td>10</td><td></td></tr> <tr><td>3</td><td>51-55</td><td>04</td><td></td></tr> <tr><td>4</td><td>58-62</td><td>04</td><td></td></tr> <tr><td>5</td><td>81-85</td><td>04</td><td></td></tr> <tr><td>6</td><td>88-95</td><td>07</td><td>GOOD</td></tr> <tr><td>7</td><td>100-104</td><td>04</td><td></td></tr> <tr><td>8</td><td>110-114</td><td>04</td><td></td></tr> <tr><td>9</td><td>119-123</td><td>04</td><td></td></tr> <tr><td>10</td><td>126-129</td><td>03</td><td></td></tr> <tr><td>11</td><td>146-152</td><td>06</td><td></td></tr> <tr><td>12</td><td>170-173</td><td>03</td><td></td></tr> </tbody> </table>	SI No	Depth Range MBGL	Thickness (Mtr)	Remarks	1	15-19	1.04		2	31-41	10		3	51-55	04		4	58-62	04		5	81-85	04		6	88-95	07	GOOD	7	100-104	04		8	110-114	04		9	119-123	04		10	126-129	03		11	146-152	06		12	170-173	03	
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9		6.02	<p>Note:- Fine bands of kunkar are intermixed with almost all the zones.</p> <p>1. Drilling Started Date: 28.01.2023                  2. Drilling Completed date: 29.01.2023                  3. Lowering Complete Date: 04.02.2023                  4. Assembly Lowered on Dated: 04.02.2023                  A) Housing Pipe 200 mm dia (AGL)= 0.50                  B) Housing Pipe 200 mm dia (BGL)= 35-60                  C) Reducer 200 mm X 150 mm = 0.20                  D) Slotted pipe 150 mm dia= 18.01                  E) Plain Pipe 150 mm dia= 101.83                  With AGL= 156.14                  Total Assembly: Without AGL= 155.64</p>																																																				
18	B. Sand	6.01																																																					
27	Sand + Soal	6.02																																																					
45	B. Sand	6.02																																																					
48	clay	6.01																																																					
60	M. Sand	0.20																																																					
75	clay	6.01																																																					
96	M. Sand	6.01																																																					
99	clay + kunkar	6.03																																																					
132	M. Sand	6.03																																																					
141	clay + kunkar	8.04																																																					
156	M. Sand + kunkar	6.03																																																					
169	clay	6.01																																																					
175	F. Sand	4.50																																																					
190	clay	6.01																																																					
<p style="text-align: center;">Total = 156.14</p>			<p style="text-align: center;">Total Assembly = 155.64 + AGL 0.50 = 156.14</p>																																																				



TPI (M/S Medhal)

IE

A/E

EE

*MLK*

*[Signature]*

# 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- 361

Dated: 01-02-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Bajnath urf Charkha**  
Block: **Laxmipur**  
District: **Maharajganj**  
State: **Uttar Pradesh**  
Drilling Depth: **190.0 m bgl**  
Logging Depth: **178.0 m bgl**  
Date of logging: **31-01-2023**  
Rm - **21.0  $\Omega$ m** Rw - **23.0  $\Omega$ 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)
<del>1.</del>	15 - 19	04	Good
<del>2.</del>	31 - 41	10	Good
<del>3.</del>	51 - 55	04	Good
<del>3.</del>	58 - 62	04	Good
<del>4.</del>	81 - 85	04	Good
<del>5.</del>	88 - 95	07	Good
<del>6.</del>	100 - 104	04	Good
<del>7.</del>	110 - 114	04	Good
<del>8.</del>	119 - 123	04	Good
<del>9.</del>	126 - 129	03	Good
<del>10.</del>	146 - 152	06	Good
<del>11.</del>	170 - 173	03	Good

- Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zones Sl. No. 2 to 4 are highly intermixed with fine bands of kankar.  
3. Zone Sl. No 5 & 6 are highly intermixed with kankar.  
4. Zone Sl. No. 9 & 11 are fine sand in nature.

*Verified as per logs provided.*  
G.S.H.  
02/02/23

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)