

# Rithwik-Koya Joint Venture

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

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*as per DPA = 300X150 mm*

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

Block:- LAXMIPUR ,Dist Maharajganj Under Jal Jeevan Mission.

Size Of Bore:- **600 X 600 MM**

Size Of Assembly:- **300 X 200MM**

Date of logging:- **18-06-2023**

Discharge:- **1200 LPM**

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly	Logging Report
0	Soil	AGL	
20	F. Sand	6.04	
39	Clay	6.03	
48	M. Sand	6.03	
60	Clay	6.01	
69	F. Sand	6.04	
75	M. Sand + Kankar	6.02	
95	Clay	6.02	
108	M. Sand	0.2	
117	F. Sand	6.03	
130	M. Sand + Kankar	6.02	
141	M. Sand	2.50	
150	Clay	6.01	
156	F. Sand + Clay	6.01	
167	M. Sand	6.02	
178	Clay	6.01	
197	Clay	5.48	

  

SI No	Depth Range MBGL	Thickness (Mtr)	Remarks
1	26-36	10.0	
2	44-57	13.0	
3	66-70	3.0	
4	86-92	6.0	ALL GOOD
5	102-105	3.0	
6	109-117	8.0	
7	134-139	5	
8	148-154	6	
9	169-172	3	

  

Note:- All zones are intermixed with kankar.	
1. Drilling Started Date:	10.06.2023
2. Drilling Completed date:	16.06.2023
3. Lowering Complete Date:	09.07.2023
4. Assembly Lowered on Dated:	09.07.2023
A) Housing Pipe <u>300</u> mm dia (AGL)=	0.5
B) Housing Pipe <u>300</u> mm dia (BGL)=	35.67
C) Reducer <u>300</u> mm X <u>200</u> mm =	00.20
D) Slotted pipe <u>200</u> mm dia=	29.96
E) Plain Pipe <u>200</u> mm dia=	94.14
With AGL=	160.47
Total Assembly:	175.00 + 0.5 = 160.47
Without AGL=	159.97

  

Assembly Details		
M to M	Total in M	
# 300MM Housing Pipe	0.00 - 35.67	
# 300X200MM Reducer	35.67 - 35.87	
# 200MM Plane Pipe	35.87 - 50.42	
# 200MM Slotted Pipe	50.42 - 56.43	
# 200MM Plane Pipe	56.43 - 86.00	
# 200MM Slotted Pipe	86.00 - 92.00	
# 200MM Plane Pipe	92.00 - 109.00	
# 200MM Slotted Pipe	109.00 - 117.00	
# 200MM Plane Pipe	117.00 - 134.78	
# 200MM Slotted Pipe	134.78 - 138.78	
# 200MM Plane Pipe	138.78 - 148.00	
# 200MM Slotted Pipe	148.00 - 153.95	
# 200MM Plane Pipe	153.95 - 159.97	

  

AGL= 0.5	
TOTAL	159.00 + 0.5 = 160.47



TPI (M/s Medhaj)

J.E

A.E

E.E.



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/228

Date: 18-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Khalikghan, Block – Laxmipur, Distt. – Maharajganj

Drilling Depth (m) : 210.00 mbgl as reported by Driller

Logged Depth (m) : ~~200.40 mbgl~~

Date of Logging : ~~18.06.2023~~

Types of Log : ~~S.P., Resistivity (Normal) & Natural Gamma~~

Logger Used : ~~Robertson Geologging..~~

Bore Hole Drilled by : Rithwik-Koya-JV..

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m. bgl)	Thickness (m)	Quality & Types of Strata	R <sub>mf</sub> & R <sub>w</sub>
<del>1</del>	<del>26 – 36</del>	<del>10</del>	<del>Good</del>	R <sub>mf</sub> = 15.38 Ωm R <sub>w</sub> = 19.80 Ωm
<del>2</del>	<del>44 – 57</del>	<del>13</del>	<del>Good</del>	
<del>3</del>	<del>66 – 70</del>	<del>3</del>	<del>Good – fine</del>	
<del>4</del>	<del>86 – 92</del>	<del>6</del>	<del>Good – fine</del>	
<del>5</del>	<del>102 – 105</del>	<del>3</del>	<del>Good</del>	
<del>6</del>	<del>109 – 117</del>	<del>8</del>	<del>Good</del>	
<del>7</del>	<del>134 – 139</del>	<del>5</del>	<del>Good</del>	
<del>8</del>	<del>148 – 154</del>	<del>6</del>	<del>Good</del>	
<del>9</del>	<del>169 – 172</del>	<del>3</del>	<del>Good</del>	

Remark : ~~1. Almost all zones are intermixed with fine bands of kankar.~~

~~2. No proper granular zones encountered below 172 mbgl to till depth logged.~~

Verified as per  
logs provided

GSh  
19/06/23

