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_ _T/W WSS. BATAIDIHA

LAXMIPUR _,Dist Maharajganj Under Jal Jeevan Mission. Size Of Bore:- 600 X 500 MM

Size Of Assembly:- 300X 150MM Date of logging:- 20.02.2024

PHASE-III LPM:-700

Depth of Strata In M.B.G.L	Strata Details		Lowering Assembly	
30 30 30 30 30 30 30 42	Soil	AGL-0.5	36.00 36.00	
46	M.SAND SOIL			
62	M.SAND		0.2 35.70	
72	M.SAND+KANKAR		37.30	
80	M.SAND	6	73.00 79.00	
94	SOIL		150 25.00	
97	M.SAND+KANKAR	6.0	104.00	
104	Clay M SAND		15.00	
110	CLAY		13.00	
124	M.SAND+KANKAR	12.00	111	
138			6.00	

il No	Depth Range MBGL	Thickness (Mtr)	Remarks
1	30-42	12.0	GOOD
2	46-62	16.0	GOOD
3	72-80	8.0	GOOD
4	94-97	3.0	GOOD
5	104-110	6.0	GOOD
6	124-138	14.0	GOOD

Note:- (1).Fine sands of kankar are intermixed with almost all the zones.

3. Lowering Complete Date: 23.02.2024

A) Housing Pipe 300 mm dia (AGL)= 2.5 B) Housing Pipe 300 mm dia (BGL)=36.00

C) Reducer 300 mm X 150 mm = 0.20

D) Slotted pipe 150 mm dia= 24.00

E) Plain Pipe 150 mm dia= 83.30

With AGL= 143.5 M
Total assembly- 143.00+AGL 0.50= 143.50 MTR

Without AGL= 143.00 M

		Assembly Deta	ls
Ī		M to M	Total in MTR
	#	300MM Housing Pipe	0M-35.50M
	#	300X150MM Reducer	35.50M - 35.70M
	#	150MM Plane Pipe	35.70M - 73.00M
	#	150MM Slotted Pipe	73 M - 79 M
	#	150MM Plane Pipe	79 M - 104M
	#	150MM Slotted Pipe	104M - 110M
	#	150MM Plane Pipe	110 M - 125M
	#	150MM Slotted Pipe	125 M - 137 M
	#	150MM Plane Pipe	137 M - 143 M

Total assembly- 143.00+AGL 0.50= 143.50 MTR

Rithwik-Koy

Total assembly- 143.00+AGL 0.50= 143.50 MTR

E.E



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

Mob: 9450659011, 8840756551, 9450364183 Email: si.amaresh11@gmail.com, gicaksingh@gmail.com

GSITN: 09ANAPS303701ZG

Ref: TDMA/WWP/JR/825

Date: 20-02-2024

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location

: Village – Bataidiha, Block – Laxmipur, Distt. – Maharajganj

Drilling Depth (m)

: 170.00 mbgl as reported by Driller

Logged Depth (m)

: 163.30 mbgl

Date of Logging

: 20.02.2024

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 _{mf} & R _w
1	30 – 42	12	Good	$\mathbf{R}_{\mathbf{mf}} = 18.57 \ \Omega \mathbf{m}$
2	46 – 62	16	Good	$\mathbf{R_w} = 21.78 \ \Omega \mathrm{m}$
3	72 – 80	8	Good	
4	94 – 97	3	Good	
5	104 – 110	6	Good	
6	124 – 138	14	Good	

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

