

Rithwik-Koya Joint Venture

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

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

Block: Laxmipur, Dist Maharajanj Under Jal Jeevan Mission.

Type of Rig machine:-
LPM: 850

Depth Logged: 195

Size Of Bore: 600X500 mm

Size Of Assembly: 300X150

Date of logging: 12.03.2023

Depth of Strata In M.B.G.L	Strata Details	Lowering Assembly		Logging Report			
				Sl No	Depth Range MBGL	Thickness (Mtr)	Remarks
0	Soil		0.5	1	32-36	04	} Good
27	sand+soil	6.02		2	55-59	04	
36	soil	6.03		3	68-75	07	
51	f. sand	6.02	36.14	4	84-91	07	
60	clay	6.03		5	96-100	04	
66	M. sand	6.02	35.64	6	130-137	07	
75	clay+ kankar	0.20	35.84	7	148-155	07	
81	M. sand kankar	6.01		8	177-181	04	
90	F. sand	6.02	32.56	9	185-192	07	
96	M. sand	6.01	68.40	Note:- Fine bands of kankar are intermixed with all most all the zones. 1. Drilling Started Date: <u>06.03.2023</u> 2. Drilling Completed date: <u>11.03.2023</u> 3. Lowering Complete Date: 4. Assembly Lowered on Date: <u>14.03.2023</u> A) Housing Pipe <u>300</u> mm dia (AGL)= <u>0.5</u> m B) Housing Pipe <u>300</u> mm dia (BGL)= <u>35.64</u> m C) Reducer <u>300</u> mm X <u>150</u> mm = <u>0.2</u> m D) Slotted pipe <u>150</u> mm dia = <u>24.10</u> m. E) Plain Pipe <u>150</u> mm dia = <u>100.67</u> With AGL: <u>161.11</u> Total Assembly: Without AGL= <u>160.11</u>			
102	M. sand	6.02	74.42				
124	clay	6.01	10.01				
129	M. sand kankar.	4.00	84.43				
138	clay	6.03	90.46				
147	M. sand	6.00	40.03				
156	clay	6.00	130.49				
177	M. sand kankar	6.01	136.52				
180	clay	6.00	148.56				
183	f. sand	6.03	154.58				
192	clay	6.01	160.61				
193		6.03	AGL +0.5				
			<u>161.11</u>				

Assembly Details

M to M	Total in M
# 300 mm Housing pipe = 0 - 35.64m	
# 300X150mm Reducer = 35.64-35.84m	
# 150mm plain pipe = 35.84-68.40m	
# 150mm slotted pipe = 68.40-74.42m	
# 150mm plain pipe = 74.42-84.43m	
# 150mm slotted pipe = 84.43-90.46m	
# 150mm plain pipe = 90.46-130.49m	
# 150mm slotted pipe = 130.49-136.52m	
# 150mm plain pipe = 136.52-148.56m	
# 150mm slotted pipe = 148.56-154.58m	
# 150mm plain pipe = 154.58-160.61m	
+ AGL = 0.5m	
Total Assembly = <u>160.61</u>	
+ 0.5	
<u>161.11 mtr</u>	



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TPI (M/S Medha)

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A.E

E.E

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- 726

Dated: 13-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Eksarwa
 Block: Laxmipur
 District: Maharajganj
 State: Uttar Pradesh
 Drilling Depth: 210.0 m bgl
 Logging Depth: 195.0m bgl
 Date of logging: 12-03-2023
 Rm - 35.0 cm Rw - 38.0 cm

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)
1.	32 - 36	04	Good
2.	55 - 59	04	Good
3.	68 - 75	07	Good
4.	84 - 91	07	Good
5.	96 - 100	04	Good
6.	130 - 137	07	Good
7.	148 - 155	07	Good
8.	177 - 181	04	Good
9.	185 - 192	07	Good

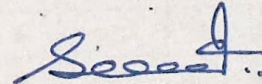
Note: 1. Fine bands of kankar are intermixed with almost all the Zones.

2. Zones Sl. No. 4, 5 & 9 are highly intermixed with fine bands of kankar.

Verified as per logs provided.

GSh
13/03/23

For Geo Instruments & Technic's


(S. Shukla)