## Rithwik-Koya Joint Venture

Site Office:-Plot No. 1910-1,Sarojini Nagar,Ward No-20,Maharajganj-273303,Uttar Pradesh Ph:040-23530027,Email: kcclgorakpur@kccpl.com

Strata Chart as per actual tubewell assembly lowered at <u>BELWA BUZURG</u> T/W WSS.

LAXMIPUR Block:-

PHASE-III

LPM:-350

\_\_\_,Dist Maharajganj Under Jal Jeevan Mission...

Size Of Bore:- 500 X 500 MM Size Of Assembly:- 200X 150MM

Date of logging:- 2024 20 1 2024

Logging Report Depth of Strata In M.B.G.L Strata Details Lowering Assembly Depth Range Thickness Remarks SI No MBGL (Mtr) 16-20 4.0 GOOD 10,0 GOOD 0.5 31-41 AGL-0.5 2 Soil GOOD 3 48-52 4.0 16 700 62-66 10.0 GOOD 4 M.SAND MM 5 72-82 10,0 GOOD 20 GOOD 98-108 10.0 6 111-118 7.0 GOOD Clay 36.00 GOOD 135-142 7.0 36.00 8 31 148-155 7.0 GOOD 41 M.SAND SOIL 48 35.50 0.2 Note:- (1). Fine sands of kankar are intermixed with almost all M.SAND+KANKAR 35.70 38.30 1. Lowering Complete Date: 26.01.2024 SOIL 74.00 80.00 III III III III 6 MSAND+KANKAR 200 \_mm dia (AGL)= A) Housing Pipe\_ 150 B) Housing Pipe 200 \_mm dia (BGL)=36,08 my C) Reducer\_ 200 \_\_mm X \_ 150 \_\_mm = 0.20 D) Slotted pipe 150 mm dia=15.00 CLAY E) Plain Pipe <u>150</u> mm dia= **95.80 M** 72 With AGL= 147.00 31.50 M SAND Total assembly- 146.50+AGL 0.50 = 147.00 MTR 82 Without AGL=146.50 111.50 III III III III CLAY 6.0 III 101 00 101 Assembly Details 111 101 101 101 117.50 M to M 200MM Housing Pipe 0-35.50M MSAND+KANKAR 200X150MM Reducer 35.50M - 35.70M 150MM Plane Pipe 35.70 M - 74.00 M 20.00 # 150MM Slotted Pipe 74.00 M - 80.00 M CLAY 150MM Plane Pipe 80.00 M - 111.50 M 111 150MM Slotted Pipe 111.50M-117.50M # 150MM Plane Pipe 117.50M-137.50M M SAND 150MM Slotted Pipe 137.50M-140.50M # 118 3.00 10 10 10 10 137.50 150MM Plane Pipe 140.50M-146.50M Clay 111 188 181 181 140.50 135 6.00 M SAND 146.50 142 Total assembly- 146.50+AGL 0.50 = 147.00MTR CLAY MSAND+KANKAR 164

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Total assembly- 146.50+AGL 0.50 = 147.00MTR

<u>E.E</u>

Total in MT



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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:23-24:LS:K- 602

Dated: 20-01-2024

## **GEOPHYSICAL BOREHOLE LOGGING REPORT**

Site:

**Belwa Buzurg** 

Block:

Laxmipur

District:

Maharajgani

State:

**Uttar Pradesh** 

Drilling Depth: 180.0 m bal

Date of Logging: 20-01-2024

Logging Depth: 164.0 m bgl

Latitude: 27.300199

Longitude: 83.406103

Borehole Drilled by: M/s Ritwik- Koya – JV, Maharajganj, Uttar Pradesh.

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:

SI. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	16 – 20	04	Good
2.	31–41	10	Good
3.	48 – 52	04	Good
4.	62 – 66	04	Good
5.	72 – 82	10	Good
6.	98 – 108	10	Good
7.	111 – 118	07	Good
8.	135 – 142	07	Good
9.	148 – 155	07	Good

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

2. Zone Sl. No. 6 is highly intermixed with fine bands of kankar.

For Geo Instruments & Technic's

Seace ... (S. Shukla)