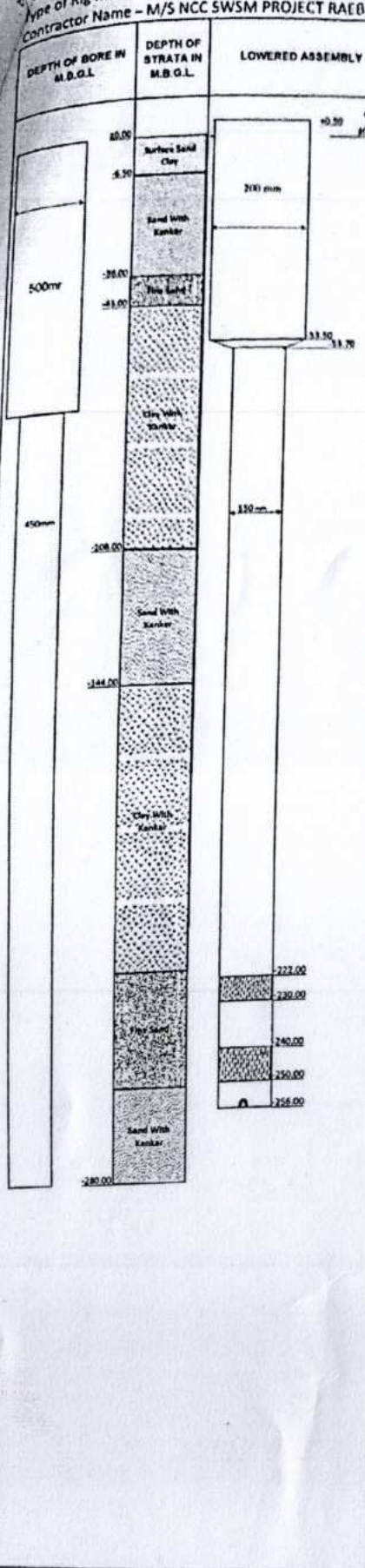


**OFFICE OF THE EXECUTIVE ENGINEER
DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW**

Lowered Assembly Plan-ALINAGAR ASKARANPUR, BLOCK-Rohniya JM PHASE-II-(368/35)
Type of Rig Machine- D. C RIG MACHINE
Contractor Name - M/S NCC SWSM PROJECT RAEBARELI

District - Raebareli
LPM-470



LOWERED ASSEMBLY		DETAILS OF ASSEMBLY			
Ø 200 mm dia Housing	Plain pipe from (AGL)	6.00	MAGL to	6.50	MAGL 6.50 M.
Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MAGL to	53.50	MAGL 53.50 M.
Ø 200 X Ø 150 mm dia	Reducer	63.50	MAGL to	63.70	MAGL 6.20 M.
Ø 150 mm dia pipe	Plain pipe from	63.70	MAGL to	222.00	MAGL 168.30 M.
Ø 150 mm dia pipe	Slotted pipe	222.00	MAGL to	230.00	MAGL 8.00 M.
Ø 150 mm dia pipe	Plain pipe from	230.00	MAGL to	240.00	MAGL 10.00 M.
Ø 150 mm dia pipe	Slotted pipe	240.00	MAGL to	250.00	MAGL 10.00 M.
Ø 150 mm dia pipe	Plain pipe from	250.00	MAGL to	256.00	MAGL 6.00 M.
		Total Assembly (AGL + BGL) - 256.50 M.			

ABSTRACT	
1. Drilling Started on Dated -	24.09.2024
2. Drilling Completed on Dated -	30.09.2024
3. Drilling Depth -	500 mm Dia 60.00 M 450 mm Dia 220.00 M Total- 280.00 M
4. Assembly lowered on Dated -	10-10-2024
5. Assembly Lowered -	
(A) Housing pipe 200 mm dia (AGL) -	0.50 M
(B) Housing pipe (Plain) 200 mm dia (BGL) -	53.50 M
(C) Slotted pipe 200 mm dia -	0.00 M
(D) Reducer (200 mm X 150 dia) -	0.20 M
(E) Slotted pipe 150 mm dia -	18.00 M
(F) Plain pipe 150 mm dia -	184.30 M
Total assembly-	256.50 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A
9. Pea - Gravel -	48.62 Cum

LOGGING REPORT (Aqua Xplore) Ref:930-P/AX-2024 Dated 30-09-2024
Date of Logging-30.09.2024

Sl.	Depth Range Mbgf	Thickness m.	Remarks
1	38-42	4	Good
2	105-110	5	Moderate to Marginal
3	114-121	7	Moderate to Marginal
4	164-170	6	Marginal
5	176-184	8	Moderate
6	204-211	7	Moderate
7	222-230	8	Good to Moderate
8	240-250	10	Good to Moderate

Note. All zone are intermixed with kankar. Quality of the formation water is deteriorating to Saline in between 123.0 to 160.0 mbgl & further below 235.0 mbgl till depth logged. Partial clay layer lies in between 266.0 to 268.0 mbgl. Expected TDS value of Sl. Nos. 7 to 8 may be around 700-900 ppm & Sl. No. 7 & 8 may be around 800-1000 ppm.

Prepared & Proposed By
M/S NCC,
PROJECT (SWSM-Raebareli)

Checked By
BANKAJ
TPIA
(CEINSYS)

Recommended By
Junior Engineer
(UPJN)

Manager (G.W.)
Assistant Engineer
(UPJN)

Approved By
Executive Engineer
(UPJN)



Aqua Xplore

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Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 930 - A / AX - 2024 Date 30.09.2024

Geophysical Borehole Logging Report

Name of the site : Alinagar Askaranpur, Block - Rohiniya

District : Raibarely

Date : 30.09.22024

Depth logged : 270.0 mbgl,

Depth drilled : 275.0.0 mbgl - as reported

Logger used : Robertson make

Presence : Rep. of NCC Ltd., Raibarell

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	38.0-42.0	4.0	Good (1)
2	105.0-110.0	5.0	Moderate to marginal(2,3)
3	114.0-121.0	7.0	
4	164.0-170.0	6.0	Marginal(4)
5	176.0-184.0	8.0	Moderate (5,6)
6	204.0-211.0	7.0	
7	222.0-230.0	8.0	Good to moderate (7,8)
8	240.0-250.0	10.0	

Note. All zone are intermixed with kankar. Quality of the formation water is deteriorating to Saline in between 123.0 to 160.0 mbgl & further below 255.0 mbgl till depth logged. Expected TDS value of Sl. Nos. 7 & 8 may be around 700-900 ppm & Sl. Nos. 5 & 6 may be around 800-1000 ppm.

for Aqua Xplore

CC;

1. M/S NCC, Limited., Raibarely