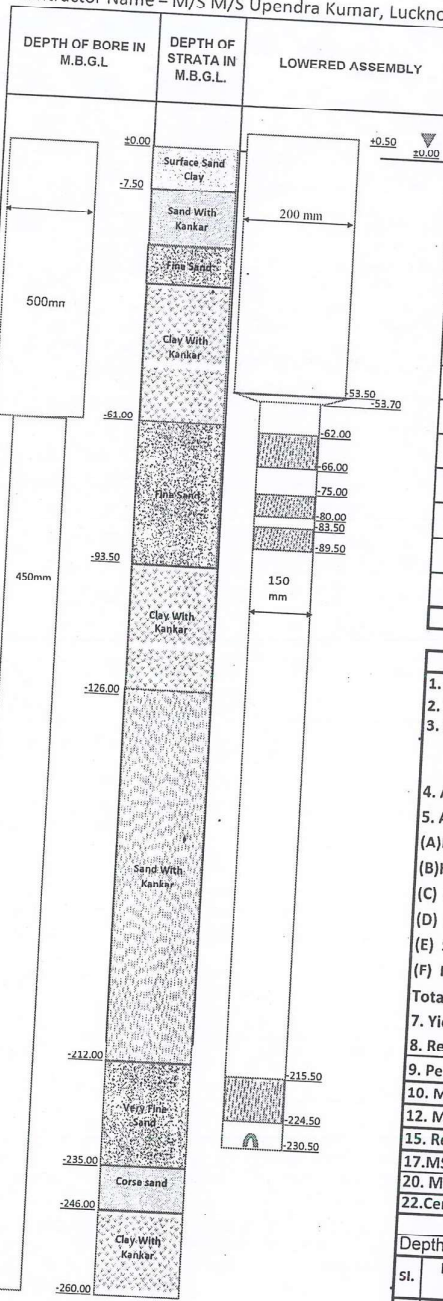


OFFICE OF THE EXECUTIVE ENGINEER DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW

Lowered Assembly Plan-BARIGAON TW-1(R), BLOCK-MAHARAJGANJ JJM PHASE-II--PKG-13(SIWAN RO WSS)
District - Raebareli

Type of Rig Machine- D. C RIG MACHINE
Static W/L-

Contractor Name - M/S M/S Upendra Kumar, Lucknow,
Size of Bore - 500 X 450mm,
LPM-550



LOWERED ASSEMBLY		DETAILS OF ASSEMBLY					
Ø 200 mm dia Housing	Plain pipe from (AGL)	0.00	MAGL to	0.50	MAGL	0.50	M.
Ø 200 mm dia Housing	Plain pipe from (BGL)	0.00	MBGL to	53.50	MBGL	53.50	M.
Ø 200 X Ø 150 mm dia	Reducer from	53.50	MBGL to	53.70	MBGL	0.20	M.
Ø 150 mm dia Housing	Plain pipe from	53.70	MBGL to	62.00	MBGL	8.30	M.
Ø 150 mm dia Housing	Slotted pipe from	62.00	MBGL to	66.00	MBGL	4.00	M.
Ø 150 mm dia Housing	Plain pipe from	66.00	MBGL to	75.00	MBGL	9.00	M.
Ø 150 mm dia Housing	Slotted pipe from	75.00	MBGL to	80.00	MBGL	5.00	M.
Ø 150 mm dia Plain pipe	Plain pipe from	80.00	MBGL to	83.50	MBGL	3.50	M.
Ø 150 mm dia Plain pipe	Slotted pipe from	83.50	MBGL to	89.50	MBGL	6.00	M.
Ø 150 mm dia Plain pipe	Plain pipe from	89.50	MBGL to	215.50	MBGL	126.00	M.
Ø 150 mm dia Plain pipe	Slotted pipe from	215.50	MBGL to	224.50	MBGL	9.00	M.
Ø 150 mm dia Plain pipe	Plain pipe from	224.50	MBGL to	230.50	MBGL	6.00	M.
Total Assembly (AGL + BGL) -				231.00			M.

ABSTRACT	
1. Drilling Started on Dated -	18.10.2023
2. Drilling Completed on Dated --	23.10.2023
3. Drilling Depth - 500 mm Dia	60.00 M
450 mm Dia	200.00 M
Total-	260.00 M
4. Assembly lowered on Dated -- 31-10-2023	
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 -	24.00 M
(F) Plain pipe 150 mm dia -	152.80 M
Total assembly-	231.00 M
7. Yield Test Date of T/w -	N/A
8. Recommended Discharge -	N/A
9. Pea-Gravel- 42.32 Cum	
10. MS Ring 300mm- NOS	11. MS Ring 200mm- 8 NOS.
12. MS Bail Plug 300mm- NOS	13. MS Bail Plug 200mm- NOS.
15. Reducer 300mmx150mm- NOS	14. MS Bail Plug 150mm- 1 NOS
17. MSSl Clamp 300mm- NOS	18. MSSl Clamp 200mm -1 NOS
20. MS Well Cap-300mm-NOS	19. TW Assembly Support- 200mm -1 NOS
22. Center Guide-300mm- NOS	23. Center Guide-200mm- NOS
	24. Center Guide-150mm- 9 NOS
LOGGING REPORT (AQUA XPLORE) Ref:1023-B/AX-2023 Dated 23.10.2023	
Depth Logged-260m bgl	
Date of Logging-23.10.2023	

Sl.	Depth Range MbgL	Thickness m.	Remarks
1	16-74	8	Good
2	62-66	4	Good
3	75-80	5	Good
4	83-90	7	Good
5	215-225	10	Good
6	235-243	8	Good

NOTE 1) Quality of formation water is deteriorating marginal to saline in between 97.0 M to 205.0 mbgl. Clay layer lies in between 205.0 to 210.0 mbgl. All zones are intermixed with kankar

Manager (G.W.)

Prepared & Proposed By

M/S Upendra Kumar, Lucknow,
PROJECT (SWSM-Raebareli)

Checked By

TPIA
(CEINSYS)

Recommended By

Junior Engineer
(UPJN)

Recommended By

Assistant Engineer
(UPJN)

Approved By

Executive Engineer
(UPJN)



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

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

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

Ref. 1023 - B / AX - 2023 Date 23.10.2023

Geophysical Borehole Logging Report

Name of the site : Barigohan, Block - Maharajganj, Package-13

District : Raibareli

Date : 23.10.2023

Depth logged : 260.0 mbgl,

Depth drilled : 265.0 mbgl - as reported

Logger used : UPTRON make

Presence : Rep. of M/S Upendra Kumar, Lucknow

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	16.0----24.0	8.0	Good all
2	62.0----66.0	4.0	
3	75.0----80.0	5.0	
4	83.0----90.0	7.0	
5	215.0----225.0	10.0	
6	235.0----243.0	8.0	

Note. Quality of the formation water is deteriorating marginal to saline in between 97.0 to 205.0 mgbl. Clay layer lies in between 205.0 to 210.0 mbgl. All zones are intermixed with kankar.

for Aqua Xplore

CC;

1. Executive Engineer, XIIIth. Divn..(Rural), U.P.Jal Nigam, Lucknow
2. M/S Upendra Kumar, D-182, Rajajipuram, Lucknow