



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 515 -- D / AX - 2022

Date 15.05.2022

Geophysical Borehole Logging Report

Name of the site : Dubauli , Block- Barhaj

District : Deoria

Date : 15.05.2022

Depth logged : 136.0 mbgl

Depth drilled : 138.0 mbgl

Logger use : Robertson make

Presence : Representative of M/S S L.C. Infra Projects Pvt. Ltd., Deoria

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	34.0—64.0	30.0	
3	76.0—80.0	4.0	
4	88.0—98.0	10.0	
5	108.0—112.0	4.0	
6	117.0—136.0	19.0	

Note: Sl. No. 3 & 5 are fine sand.

Verified and
log provided
G. S.
15/5/22

for Aqua Xplore

CC:

- Executive Engineer, C.D. (Rural), U.P.Jal Nigam, Gorakhpur.
- M/ S L.C.Infra Projects Pvt. Ltd., Deoria.



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Lowering of T.W. Assembly at Duhuli - r.w. Daura
 Drilling/Logging - 132/20
 Bore Size - 600x500mm
 Logging Date - 15/05/22
 T.W. Assembly Size - 200x150mm
 Recommended Discharge - 550 L.P.M.
 D.O.L. - 13/05/22

Logging Report

1. 16 - 24 → 08	6.00	0.50m
2. 34 - 64 → 30	5.99	
3. 76 - 80 → 04	6.00	
4. 88 - 98 → 10	6.03	
5. 105 - 112 → 07	6.02	
6. 117 - 136 → 19	6.02	

Strata as per Actual

0 - 8m clay	6.00	
8 - 12m F.Sand	6.03	
12 - 18m clay	6.00	52.33m
18 - 25m F.Sand	6.00	
25 - 35m clay	4.20	
35 - 65m M.Sand	6.04	
65 - 75m clay	6.00	88.04m
75 - 87m Sandy clay	3.00	9.00m
87 - 100m F.to M.Sand	6.03	97.04m
100 - 116m Sandy clay	6.02	
116 - 140m F.to M.Sand	2.00	20.07m
	6.02	
	3.00	117.11m
	6.00	9.00m
	3.00	126.11m
	3.00	129.11m
		Abil (+) - 0.50m
		Total ⇒ 129.61m

