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Drilling of T.W. Assembly of Amkail T.W. Banti  
 Drilling/Lowering - 132/130  
 T.W. Assembly Size - 200 X 150 mm  
 Pipe Size - 550 X 500 mm  
 Recommended Discharge - 650 L.P.M.  
 W.L. - 4.15m  
 D.O.L. - 15/03/21

Time	Depth (m)	Soil Type	Remarks	Time	Depth (m)	Soil Type	Remarks
	0 - 17	clay		6:14	0.50m		
	17 - 25	F. Sand		6:16			
1:00	25 - 31	clay		6:10			
	31 - 56	M. Sand		6:15			
	56 - 59	clay	6:10	6:18			
	59 - 68	F. to M. Sand	2:00	6:20			
	68 - 71	clay		6:10			
	71 - 82	F. to M. Sand		6:15			
	82 - 114	clay		6:10			
	114 - 123	F. to M. Sand		5:60			
	123 - 135	clay					
							60.38m
							0.12m
							60.50m
							6.08m
							66.58m
							6.02m
							72.60m
							8.10m
							80.70m
							6.04
							2.82
							6.03
							2.92
							6.08
							34.81m
							2.79
							6.08
							2.05
							115.51m
							6.02m
							121.63m
							4.00m
							125.63m
							AGL (+) 0.50m

Total ⇒ 126.13m

Contractor: (M/S G.R. Enterprises)  
 J.E.  
 (Sampurnanand)  
 A.E.  
 (Babbar Yadav)  
 E.E.  
 (Adarsh Verma)  
 Scanned with CamScanner

# Aqua Xplore

(Groundwater Assessment & Allied Services)  
243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001

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

Ref 303 - A / AX - 2021 Date 03.03.2021

## Geophysical Borehole Logging Report

Name of the site : Aam Koil - Bankati

District : Basti

Date : 03.03.2021

Depth logged : 132.0 mbgl

Depth drilled : 132.0 mbgl

Logger used : Aqua Xplore

Presence : Er. Sampurnanand, J.E. & Rep. of M/S G.R.E., Lko

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	18.0----26.0	8.0	Good all
2	32.0----57.0	25.0	
3	60.0----67.0	7.0	
4	72.0----82.0	10.0	
5	115.0----125.0	10.0	

Note.

for Aqua Xplore

CC;

1. E.E., C.D.(E/M), U.P. Jal Nigam, Gorakhpur
2. M/S G. R. Enterprises, Lucknow