

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- DADUPUR ASGHARPUR, BLOCK- ALIGANJ, DISTT- ETAH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 85 mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Etah.

On the request of M/s Kalpataru Power Transmission limited, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 04.July.2023.

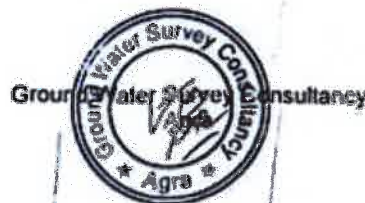
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major Aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

Mud Resistivity = 15.72 Ohms.

Drilling Water Resistivity = 16.87 Ohms.

Approx Water Level = 21 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 21	16	Dry sand	
3.	21 - 29	8	Clay kankar	
4.	29 - 34	5	Medium sand	Medium
5.	34 - 43	9	Clay kankar	
6.	43 - 45*	2	Medium sand	Medium
7.	45 - 56	11	Clay kankar	
8.	56 - 68*	12	Medium sand	Medium
9.	68 - 85	17	Clay kankar	





KALPA-TARU



darvee associates  
architects engineers & consultants pvt. ltd.



QUALITY MANAGEMENT SYSTEM

Format No :

KPTL/232221F/00023

DEPTH OF STARTA

PROPOSED ASSEMBLY DETAILS

Block- Aliganj

GP- Pantapur Katarand

Dadupur Asjapur

SL.	DPR Details -
	Lowering Date - <u>13/07/2023.</u>
1.	Water Discharge in LPM - <u>510 LPM.</u>
2.	Bore well Drilling dia- <u>500 mm φ</u>
3.	Bore well Drilling depth- <u>110 MTR.</u>

LOGGING REPORT

Depth-	Date-		
SL.	Depth Range	Thickness	Remarks
1	29-34	5	medium sand.
2			
3	43-45	2	"
4			
5	56-68	12	"
6			
7			
8			
9			
10			
11			

Depth-	Date-	
14	5.43	5.43 MTR.
13	6.02	11.45 MTR.
12	6.02	17.47 MTR.
11	6.01	23.48 MTR.
10	6.02	29.50 MTR.
9	4.00	33.50 MTR.
8	6.01	39.51 MTR.
7	3.49	43.00 MTR.
6	2.00	45.00 MTR.
5	6.01	51.01 MTR.
4	4.99	56.00 MTR.
3	6.01	62.01 MTR.
2	5.99	68.00 MTR.
1	6.00	74.00 MTR.

Assembly Details

Proposed Assembly for Lowering

1.	300mm dia MS Plain Pipe-	-
2.	200mm dia MS Plain Pipe	56.50 MTR.
3.	200mm dia MS Slotted Pipe-	18.00 MTR.
4.	200mm dia LCG Pipe -	-
5.	300/200 mm dia Reducer -	-
6.	MS Bail Plug-	01 nos.
7.	MS Ring 300mm-	-
8.	MS Ring 200mm-	13 nos.
9.	MSSI Clamp-	01 nos.
10.	Centre Guide -	03 nos.
11.	TW Assembly Support-	01 nos.
12.	MS Well Cap -	01 nos.
13.	Pea Gravel Packing-	-

Sunil Kumar.  
KPTL

Tail  
TPI

CLIENT (UPJN)

Lowering work  
executed as per  
assembly chart.