

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KEMAVALI, BLOCK- IGLAS, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 104 mtrs. depth. and Logged depth ~~100~~ mtrs. at above site. Was drilled by M/s Kalpataru Power Transmission limited, Aligarh.

On the request of M/s Kalpataru Power Transmission limited, Aligarh. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 08.Jun.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 = ~~15.32~~ Ohms.

Drilling Water Resistivity = ~~16.25~~ Ohms.

Approx Water Level = 8 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 18	13	Clay kankar	
3.	18 - 37	19	Medium sand	Medium
4.	37 - 51	14	Clay kankar	
5.	51 - 58*	7	Medium sand	Medium
6.	58 - 100	42	Clay kankar	

Ground Water Survey Consultancy



Logging performed as per SWCM guidelines.
Groundwater quality interpreted by firm as per their logge calibration
G.S.H.
09/06/23

PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no:
JJM/ALIGARH/KPTL/

Date : 10/06/23

Contractor Name: Kalpataru Power Transmission Limited.

LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: IGLAS SCHEME: KEMHUALI

Following civil items are ready for inspection :

Date :

SBC Tube Well Excavation PCC RCC
 Drilling Logging Lowering OP Unit Column
 Shuttering Brick Work Plaster Work Painting Stand Post
 Rising Main Backfilling M.S. Wicket Gate/ Window Interlocking Tile
 HDPE Pipeline Others

Following Mechanical, Electrical, C&I items are ready for inspection :

Date :

Instrumentation Welding Valves Chain Pully DG Set
 Pump Set Stabilizer Pannel Sloar Chlorinating Plant
 Lighting EMF Meter Level / Pressure Transmitter RTU
 Earthing cable Starter Piping- DI () HDPE () MS () MDPE () Others

Work Description :

Tube well lowering work.

LPM \approx 195

Drill depth \approx 104 m

Assembly size \approx 200x200 mm

On Date: 10/06/23

Time: 10:00AM

Submitted By RAMANAND

Date:

Time 10.00 AM

Sign

Ramanand

TPI (Aarvee)

Received By MOHD ASIM

Date

Time

Sign

M. Asim

Comments :

Civil Department

E&M, I/C Department

NAME :

APPROVED

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

SIGN:

REJECTED

G.P. : Kaimonali,
 Block : Zglas
 Required : 145 LPM

District : Algorh

200mm dia Plain Pipe : X
 200mm dia Plain Pipe : 70
 200mm dia Slotted Pipe : $\frac{12}{90 mtr}$

Stret :-

26-27 → 19 mtr

51-52 → 07 mtr

6.00	0.50
6.00	
6.00	
4.00	
6.00	27.50
6.00	
3.00	26.50
6.00	
3.00	
6.00	51.50
6.00	57.50
6.00	63.50

300mm dia Plain Pipe : X
 300X200 mm Reducer : X
 200mm dia Plain Pipe : 49.00 mtr
 200mm dia Slotted Pipe : 15.00 mtr
Total : 64.00 mtr