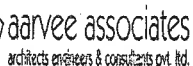




KALPATARU POWER TRANSMISSION LIMITED



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

Scheme:- Balrampur

Size of Bore:- 500mm x 500mm

Required LPM:- 560 LPM

Contractor:- KPTL

Amit Ranjan Kumar

Client Representative

300mm dia Plain Pipe	: x
300X200 mm Reducer	: x
200mm dia Plain Pipe	: 77.00 mtr
200mm dia Slotted Pipe	: 24.00 mtr
Total	: 101.00 mtr

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BALRAMPUR, BLOCK- DHANIPUR, DISTT- ALIGARH
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 122 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 03.Aug.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 = 14.86 Ohms.

Drilling Water Resistivity = 15.62 Ohms.

Approx Water Level = 18 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Clay kankar	
3.	15 - 22	7	Sand & kankar	
4.	22 - 26	4	Clay kankar	
5.	26 - 29	3	Fine sand	
6.	29 - 41	12	Clay kankar	
7.	41 - 58*	17	Medium sand & kankar	Medium
8.	58 - 65	7	Clay kankar	
9.	65 - 70	5	Kankar	
10.	70 - 80	10	Clay kankar	
11.	80 - 83*	3	Fine to Medium sand	Medium
12.	83 - 85	2	Clay kankar	
13.	85 - 95*	10	Medium sand	Medium
14.	95 - 100	5	Clay kankar	
15.	100 - 107	7	Sand & kankar	Med to Marginally
16.	107 - 122	15	Clay kankar	

Ground Water Survey Consultancy



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH
REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 18/8/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT:	ALIGARH	BLOCK :	DHANIPUR	SCHEME :	BALRAMPUR
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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 ☐	COMPRESSOR		

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 :

COMPRESSOR TESTING WORK
 Required LPM - 560

On Date : 18/8/23

Time : 10:00AM

Submitted By: Ashutosh Pandey

Date: 18/8/23

Time 10.00 AM

Sign: [Signature]

TPI / Aarvee

Recieved By

Date

Time

Sign

Comments :

Civil Department

E&M, I/C Department

 NAME : ☐ APPROVED

 NAME : ☐ APPROVED

 DESIG : ☐ APPROVED AS NOTED

 DESIG : ☐ APPROVED AS NOTED

 SIGN: ☐ REJECTED

 SIGN: ☐ REJECTED

PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no:
JJM/ALIGARH/KPTL/

Date : 17/08/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: Dhanipur SCHEME: Balrampur

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 ☐ Compressor work.

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 :

Compress installation work.

On Date : 17/08/2023

Time : 10:00AM

Submitted By AMIT RANJAN KUMAR

Date: 17/08/2023

Time 10.00 AM

Sign Amit Ranjan Kumar

TPI / Aarvee

Received By

Date

Time

Sign

Comments :

Civil Department

E&M, I/C Department

NAME : ☐ APPROVED

NAME : ☐ APPROVED

DESIG : ☐ APPROVED AS NOTED

DESIG : ☐ APPROVED AS NOTED

SIGN: ☐ REJECTED

SIGN: ☐ REJECTED

PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no:
JJM/ALIGARH/KPTL/

Date : 8/8/23

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: DHANIPUR SCHEME: BALRAMPUR

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 :

Tubewell lowering work LPM - 860
Assembly size 200x200 mm Drill depth - 130M

On Date : Time : 10:00AM

Submitted By RAMANAND Date: Time 10.00 AM Sign Ramanand

TPI (Aarvee)

Recieved By Date Time Sign

Comments :

Civil Department

E&M, I/C Department

NAME : ☐ APPROVED NAME : ☐ APPROVED
DESIG : ☐ APPROVED AS NOTED DESIG : ☐ APPROVED AS NOTED
SIGN: ☐ REJECTED SIGN: ☐ REJECTED