



G.P. - Nagla Madho  
Block - Gonda

District - Aligarh.

No.

Date - 22-06-2022

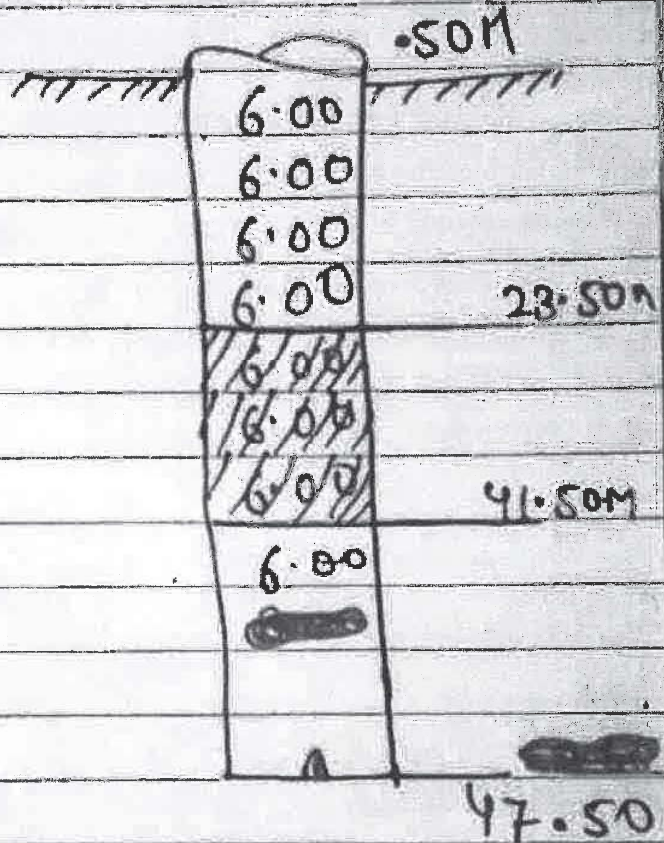
200mm  $\phi$  plain pipe - 78

Required LPM - 115 LPM

200mm  $\phi$  slotted pipe - 12

Strata

$$18 - 42 = 24 \text{ mtr}$$



ms plain pipe 200mm  $\phi$  - 30

ms slotted 200mm  $\phi$  - 18M

Total - ~~30.00 MTR~~

48.00 MTR

# REPORT ON GEOPHYSICAL WELL LOGGING AT

## GRAM PANCHAYAT- NAGLA MADHO, BLOCK- GONDA, DISTT- ALIGARH UNDER JAL JIVAN MISSION

### Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth ~~105~~ 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 21.June.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 = ~~08.44~~ Ohms.

Drilling Water Resistivity = ~~09.28~~ 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 - 7	2	Clay kankar	
3.	7 - 12	5	Fine sand	
4.	12 - 18	6	Clay kankar	
5.	18 - 42	24	Medium sand	Marginally saline
6.	42 - 50	8	Clay kankar	
7.	50 - 60	10	Fine to Medium sand	Saline
8.	60 - 84	24	Clay kankar	
9.	84 - 90	6	Fine to Medium Sand	Saline
10.	90 - 105	15	Clay kankar	

Gsh  
22/06/23



- Logging performed as per SWSM guidelines  
- Groundwater quality interpreted by firm as per their logger calibration.



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/D1	RFI no: JJM/ALIGARH/KPTL/	Date : 24/06/23
Contractor Name: Kalpataru Power Transmission Limited.	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	

Location of Work

DISTRICT: ALIGARH	BLOCK: GONDA	SCHEME: NAGLA MADHO
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Following civil items are ready for inspection : Date :

SBC <input type="checkbox"/>	Tube Well <input type="checkbox"/>	Excavation <input type="checkbox"/>	PCC <input type="checkbox"/>	RCC <input type="checkbox"/>
Drilling <input type="checkbox"/>	Logging <input type="checkbox"/>	Lowering <input checked="" type="checkbox"/>	OP Unit <input type="checkbox"/>	Column <input type="checkbox"/>
Shuttering <input type="checkbox"/>	Brick Work <input type="checkbox"/>	Plaster Work <input type="checkbox"/>	Painting <input type="checkbox"/>	Stand Post <input type="checkbox"/>
Rising Main <input type="checkbox"/>	Backfilling <input type="checkbox"/>	M.S. Wicket Gate/ Window <input type="checkbox"/>	Interlocking Tile <input type="checkbox"/>	
HDPE Pipeline <input type="checkbox"/>	Others <input type="text"/>			

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

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

Work Description :  
 Tubewell lowering work. Assembly - 200x200mm  
 Drill depth - 120m, LPM-115

On Date : 24/06/23 Time : 10:00AM

Submitted By : RAMANAND Date: Time 10.00 AM Sign: Ramanand

TPI (Aarvee)

Received By : Aman Hebbal Date: Time Sign: Aman

Comments :

Civil Department		E&M, I/C Department	
NAME :	<input type="checkbox"/> APPROVED	NAME :	<input type="checkbox"/> APPROVED
DESIG :	<input type="checkbox"/> APPROVED AS NOTED	DESIG :	<input type="checkbox"/> APPROVED AS NOTED
SIGN:	<input type="checkbox"/> REJECTED	SIGN:	<input type="checkbox"/> 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 : 22/6/23

Contractor Name: Kalpataru Power Transmisselon Limited.

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

Location of Work

DISTRICT:

ALIGARH

BLOCK :

GOND A

SCHEME :

NAGLA MADHO

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 :

Electro logging work.

On Date : 22/6/23

Time: 10:00AM

Submitted By RAMANAND

Date:

Time 10.00 AM

Sign

[Signature]

TPI (Aarvee)

Reclieved 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 : 21/6/23
Contractor Name: Kalpataru Power Transmission Limited.	LOA No- 3155/W-25 (Aligarh)/2021-22 dated 01.11.2022	

Location of Work

DISTRICT:	ALIGARH	BLOCK :	GONDIA	SCHEME :	NAGRA MADHO
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Following civil items are ready for inspection : Date :

SBC	<input type="checkbox"/>	Tube Well	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	PCC	<input type="checkbox"/>	RCC	<input type="checkbox"/>
Drilling	<input checked="" type="checkbox"/>	Logging	<input type="checkbox"/>	Lowering	<input type="checkbox"/>	OP Unit	<input type="checkbox"/>	Column	<input type="checkbox"/>
Shuttering	<input type="checkbox"/>	Brick Work	<input type="checkbox"/>	Plaster Work	<input type="checkbox"/>	Painting	<input type="checkbox"/>	Stand Post	<input type="checkbox"/>
Rising Main	<input type="checkbox"/>	Backfilling	<input type="checkbox"/>	M.S. Wicket Gate/ Window	<input type="checkbox"/>	Interlocking Tile	<input type="checkbox"/>		
HDPE Pipeline	<input type="checkbox"/>	Others	<input type="text"/>						

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

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

Work Description :  
 Big machine installation and drilling work.

On Date : 21/6/23	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 :	<input type="checkbox"/> APPROVED	NAME :	<input type="checkbox"/> APPROVED
DESIG :	<input type="checkbox"/> APPROVED AS NOTED	DESIG :	<input type="checkbox"/> APPROVED AS NOTED
SIGN:	<input type="checkbox"/> REJECTED	SIGN:	<input type="checkbox"/> REJECTED