



**PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL**

District:- Aligarh      Block:- LUONHA      Scheme:- KARENKA GORWA  
 Rig No/ Type DC:-      Size of Bore:-  
 Under:- JJM      Assembly Size:-      Required LPM:- 450  
 Contractor:- KPTL

AGL	CHART	PIPE LENGTH	ASSEMBLY DETAILS	
			Drilling Started Date:-	
		Pipe No. =	Drilling Started Date:-	<u>18/06/23</u>
		Pipe No. =	DPR Drilling Depth:-	<u>110</u>
		Pipe No. =	Logging Started Date:-	<u>20/06/23</u>
		Pipe No. =	Logging Completed Date:-	
		Pipe No. =	Lowering Started Date:-	<u>21/06/23</u>
		Pipe No. =	Lowering Completed Date:-	
		Pipe No. =	Housing Pipe Ø :-	MM      M
		Pipe No. =	Above AGL Ø :-	MM      M
		Pipe No. =	Plain Pipe Ø :-	<u>200</u> MM <u>32.50</u> M
		Pipe No. =	Slotted Pipe Ø :-	<u>200</u> MM <u>16</u> M
		Pipe No. =	Lowered Assembly:-	<u>48</u> M
		Pipe No. =	Total Assembly+ AGL :-	<u>48.705</u> M
		Pipe No. =	Actual Drilling Depth:-	<u>110</u> M
		Pipe No. =	MS H Frame:-	<u>01 NO</u>
		Pipe No. =	MS Ring:-	<u>09 NO</u>
		Pipe No. =	MS Reducer:-	
		Pipe No. =	MS Ball Plug:-	<u>09 NO</u>
		Pipe No. =	MS Clamp:-	<u>01 NO</u>
		Pipe No. =	MS Well Cap:-	<u>01 NO</u>
		Pipe No. =	Centre Guide:-	<u>02 NO</u>
		Pipe No. =		
		Pipe No. = <u>10 = 6.00 M</u>		
		Pipe No. = <u>9 = 6.00 M</u>		
		Pipe No. = <u>8 = 4.50 M</u>		
		Pipe No. = <u>7 = 6.00 M</u>		
		Pipe No. = <u>6 = 6.00 M</u>		
		Pipe No. = <u>5 = 1.00 M</u>		
		Pipe No. = <u>4 = 6.00 M</u>		
		Pipe No. = <u>3 = 4.00 M</u>		
		Pipe No. = <u>2 = 3.00 M</u>		
		Pipe No. = <u>1 = 6.00 M</u>		

Ball Plug

*[Signature]*  
Contractor  
Representative

*[Signature]*  
TPI  
Representative

Client  
Representative

G.P. : Karkera, Goriwa,

Block : Lodh

District : Aligarh

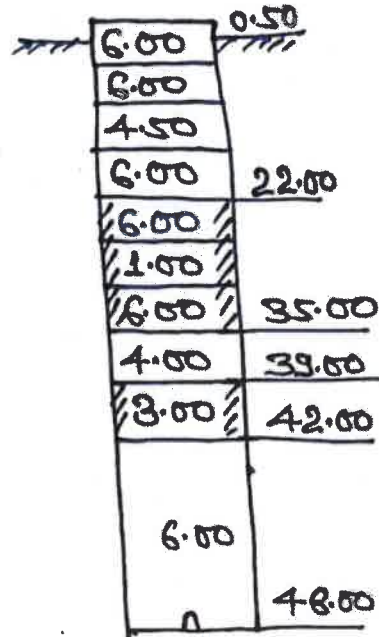
Required : 450 LPM

300mm dia Plain Pipe : X  
200mm dia Plain Pipe : 70  
200mm dia Slotted Pipe : 24  
100mtr

Streta :-

22-35 → 13mtr

39-42 → 03mtr



300mm dia Plain Pipe : X  
300X200 mm Reducer : X  
200mm dia Plain Pipe : 32.50 mtr  
200mm dia Slotted Pipe : 16.00 mtr

**Total : 48.50 mtr**

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KAREHLA WAAGRI, BLOCK- LODHA, DISTT- ALIGARH  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth, and Logged depth ~~110~~ 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 18.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 = ~~12.72~~ Ohms.

Drilling Water Resistivity = ~~18.20~~ Ohms.

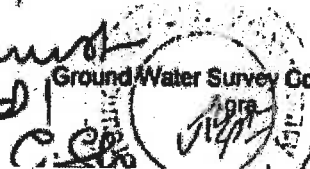
Approx Water Level = 14 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 13	8	Fine sand	
3.	13 - 22	9	Clay kankar	
4.	22 - 35	13	Fine to Medium sand	Med to Marginally
5.	35 - 39	4	Clay kankar	
6.	39 - 42*	3	Fine to Medium sand	Med to Marginally
7.	42 - 54	12	Clay kankar	
8.	54 - 62	8	Fine sand	Marginally saline
9.	62 - 110	48	Clay kankar	

— Logs have poor

response, must  
be relogged

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 : 21/06/23

Contractor Name: Kalpataru Power Transmission Limited. LOA No- 3165/W-25 (Aligarh)/2021-22 dated 01.11.2022

Location of Work

DISTRICT: ALIGARH BLOCK: LODHA SCHEME: KAREHLA GORWA

Following civil items are ready for inspection : Date:
SBC [ ] Tube Well [x] 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 Pulley [ ] DG Set [ ]
Pump Set [ ] Stabilizer [ ] Panel [ ] 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. (PM-450)
Drill depth - 110 M ASSEMBLY - 200x200 mm

On Date: 21/06/23 Time: 10:00AM

Submitted By: RAMAN AND Date: Time: 10:00 AM Sign: [Signature]

IP (Aarvee) [Signature]

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



**aarvee associates**  
architects engineers & consultants pvt. ltd.



**PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH**

**REQUEST FOR INSPECTION (RFI)**

Format No : JJM/ALIGARH/KPTL/01

RFI no:  
JJM/ALIGARH/KPTL/\_\_\_\_\_

Date : 20/06/23

Contractor Name: Kalpataru Power Transmission Limited.

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

**Location of Work**

DISTRICT: ALIGARH BLOCK: Lodna SCHEME: KAREHLA DORLA

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 : 20/06/23

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 , IC Department

NAME :  APPROVED

NAME :

APPROVED

DESIG :  APPROVED AS NOTED

DESIG :

APPROVED AS NOTED

SIGN:  REJECTED

SIGN:

REJECTED