



KALPA TARU POWER TRANSMISSION LIMITED



PIPE ASSEMBLY AND LOWERING CHART FOR TOWER

District:- Aligarh Block:- LODHA  
 Rig No/ Type DC:- DC RIG MACHINE  
 Under:- JJM Assembly Size:- 300mm, 200mm  
 Contractor:- KPTL Required:-

LL 20/03/2023  
 Theme:- SAMPARAMPOK  
 of Bore:- 600mm X 500mm  
881 LPM

AGL	CHART	PIPE LENGTH
	6.06	Pipe No. = 21 = 6.06
	6.06	Pipe No. = 20 = 6.06
	6.10	Pipe No. = 19 = 6.10
	6.07	Pipe No. = 18 = 6.07
	6.07	Pipe No. = 17 = 6.07
	6.06	Pipe No. = 16 = 6.06
	2.58	Pipe No. = 15 = 2.58
	0.20	Pipe No. = 14 = Reducer 0.20
	4.80	Pipe No. = 13 = 4.80
Slot	3.50	Pipe No. = 12 = 3.50
	6.00	Pipe No. = 11 = 6.00
Slot	6.01	Pipe No. = 10 = 6.01
	6.00	Pipe No. = 9 = 6.00
	2.00	Pipe No. = 8 = 2.00
Slot	6.01	Pipe No. = 7 = 6.01
	3.00	Pipe No. = 6 = 3.00
	6.01	Pipe No. = 5 = 6.01
	2.47	Pipe No. = 4 = 2.47
Slot	6.02	Pipe No. = 3 = 6.02
	1.50	Pipe No. = 2 = 1.50
Bail Plug	6.01	Pipe No. = 1 = 6.01

ASSEMBLY DETAILS

Date:- 28/02/23  
 Date:- 12/03/23  
 Date:- 14/03/23  
 Date:- 20/03/23  
 Date:- 26/03/23  
 300 MM 38.5 M  
 200 MM 0.5 M  
 200 MM 33.30 M  
 200 MM 36.04 M  
 98.00 M  
 GL:- 98.03 + 0.5 M  
 140 M  
 MS H Frame:- 1  
 MS Ring:- 16 Ring 300 mm Dia 12 Ring 200 mm dia  
 MS Reducer:- 10 L (300x200)  
 MS Bail Plug:- 200 mm  
 MS Clamp:- 300 mm MS Clamps  
 MS Well Cap:- 300 mm 01  
 Centre Guide:- 07  
 Plain Pipe 300 mm 39.0 m

98.53 mtr  
16 Ring 300 mm Dia 12 Ring 200 mm dia

Shafiq  
 Contractor  
 Representative

Ajay  
 TPI  
 Representative

Client  
 Representative

98.03

# REPORT ON GEOPHYSICAL WELL LOGGING AT

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

## Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth ~~120~~ mtrs. at above site. Was drilled by M/s Kalptaru Power Transmission India limited, Aligarh.

On the request of M/s Kalptaru Power Transmission India limited, Aligarh. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 14.Mar.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 = 12.22 Ohms.

Drilling Water Resistivity = 12.76 Ohms.

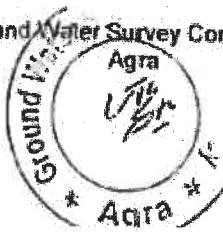
Approx Water Level = 18 Mtr.

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	Dry sand	
4.	22 - 25	3	Clay kankar	
5.	25 - 30	5	Fine sand	Medium
6.	30 - 34	4	Clay kankar	
7.	34 - 38	4	Fine sand	Medium
8.	38 - 43	5	Clay kankar	
9.	43 - 47	4	Sand & kankar	Medium
10.	47 - 53	6	Clay kankar	
<del>11</del>	53 - 59*	6	Fine to medium sand	Medium
12.	59 - 67	8	Clay kankar	
<del>13</del>	67 - 76*	9	Medium sand	Medium
14.	76 - 84	8	Clay kankar	
<del>15</del>	84 - 92*	8	Medium sand	Medium
16.	92 - 120	28	Clay kankar	

Sr NO 11-55-59  
Sr NO 15-85-92

G. Ch.

Ground Water Survey Consultancy



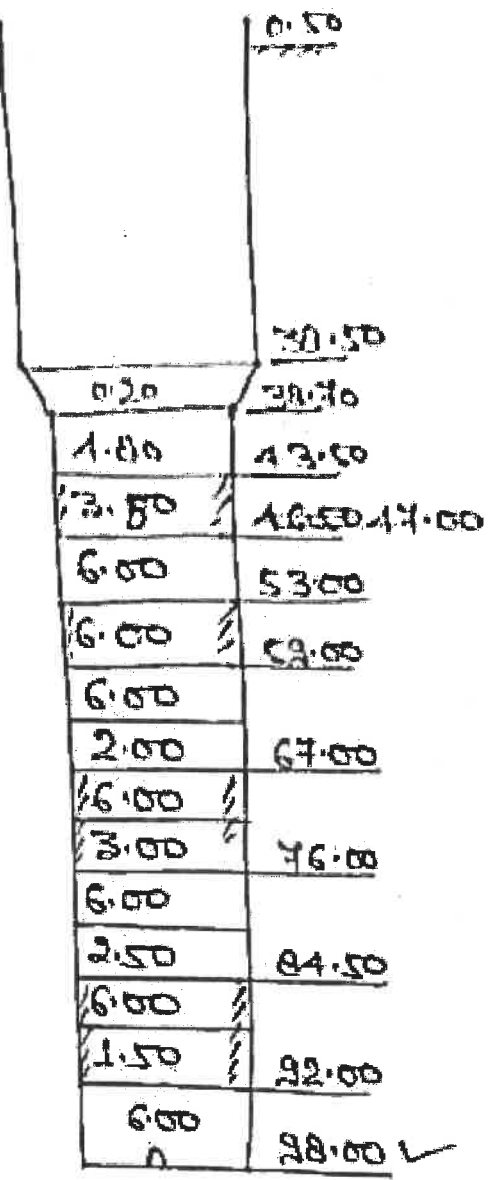
- Logging performed as per SWSM guidelines  
- Groundwater quality interpreted by firm as per their logger

G.P → Satyanpur, Block - Lodha, Nujark

Required → BGL 11m

Stok

- 43-44 → 0.4 mtr
- 53-54 → 0.6 mtr
- 64-66 → 0.2 mtr
- 84-92 → 0.8 mtr



- 300 mm dia Rain pipe → 39.00 mtr
- 300x200 mm Red → 0.20 mtr
- 200 mm dia P.P → 33.30 mtr
- 200 mm dia S.P → 26.00 mtr

P.P	33.30 mtr
AGL	0.50 mtr
<b>BGL</b>	<b>98.00 mtr</b>



PROJECT - STATE WATER AND SANITATION MISSION PROJECT ALIGARH

REQUEST FOR INSPECTION (RFI)

Format No : JJM/ALIGARH/KPTL/01

RFI no: JJM/ALIGARH/KPTL/

Date : 18/03/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: LODHA SCHEME: SAHARANPUR

Following civil items are ready for inspection :

Date :

- SBC [ ] Tube Well [x] Excavation [ ] PCC [ ] RCC [ ]
Drilling [ ] Logging [ ] Lowering [x] 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 Logging
Co-ordinate - 27.815808N, 78.027633E

On Date : 18/03/2023

Time : 10:00AM 3:00PM

Submitted By Sheetal

Date: Time 10.00 AM Sign Sheetal

TPI (Aarvee)

Received By Anuj Chaurasia Date 18/03/23 Time

Sign

Comments :

Civil Department

E&M, I/C Department

NAME : [ ] APPROVED
DESIG : [ ] APPROVED AS NOTED
SIGN: [ ] REJECTED

NAME : [ ] APPROVED
DESIG : [ ] APPROVED AS NOTED
SIGN: [ ] REJECTED