



KALPA-TARU

KALPATARU POWER TRANSMISSION LIMITED

aarvee associates
architects engineers & consultants pvt. ltd.



PIPE ASSEMBLY AND LOWERING CHART FOR TUBE WELL

District:- Aligarh Block:- Akhrotabad Scheme:- Chaularga
 Rig No/ Type DC:- DC Size of Bore:- 500mm x 500mm
 Under:- JJM Assembly Size:- 200mm x 200mm Required LPM:- 2.95
 Contractor:- KPTL

| CHART | | PIPE LENGTH | ASSEMBLY DETAILS |
|-------------|-------|-----------------------------|---|
| AGL | 0.61 | Pipe No. = | Drilling Started Date:- 12-08-2022 |
| | | Pipe No. = | DPR Drilling Depth:- 110 MTR |
| | | Pipe No. = | Logging Started Date:- 18-08-2023 |
| | | Pipe No. = | Logging Completed Date:- 18-08-2023 |
| | | Pipe No. = | Lowering Started Date :- 20-08-2022 |
| | | Pipe No. = | Lowering Completed Date :- 20-08-2022 |
| 6.06 | | Pipe No. = 18 th | Housing Pipe Φ :- MM M |
| 6.05 | | Pipe No. = 17 th | Above AGL Φ :- 200 MM 0.61 M |
| 6.00 | | Pipe No. = 16 th | Plain Pipe Φ :- 200 MM 74.15 M |
| 6.00 | | Pipe No. = 15 th | Slotted Pipe Φ :- 200 MM 15M M 12+3 LCU |
| 6.00 | | Pipe No. = 14 th | Lowered Assembly:- 88.52 M |
| 6.00 - CG | | Pipe No. = 13 th | Total Assembly+ AGL :- 88.52 + 0.61 M |
| 2.50 | | Pipe No. = 12 th | Actual Drilling Depth:- 110 M |
| 6.00 | 44.00 | Pipe No. = 11 th | MS H Frame:- 1 Nos, 200 mm φ |
| MSRW SLOTED | | Pipe No. = 10 th | MS Ring:- 17 Nos, 200 mm φ |
| MSRW SLOTED | | Pipe No. = 9 th | MS Reducer:- |
| 6.00 | 56.00 | Pipe No. = 8 th | MS Bail Plug:- 1 Nos, 200 mm φ |
| 6.00 | | Pipe No. = 7 th | MS Clamp:- 1, Nos, 200 mm φ |
| 3.50 | | Pipe No. = 6 th | MS Well Cap:- 01 Nos, 200 mm φ |
| 6.00 - CG | | Pipe No. = 5 th | Centre Guide:- 03. Nos, 200 mm φ |
| 2.00 | | Pipe No. = 4 th | |
| LCU | 79.50 | Pipe No. = 3 rd | |
| LCU | | Pipe No. = 2 nd | |
| Bail Plug | 82.50 | Pipe No. = 1 st | |
| | 88.52 | | |

Amit Ranjan Kumar
 Contractor
 Representative

Adnan
 TPI
 Representative

Client
 Representative

G.P. : Golaro,

Block : Akraabad

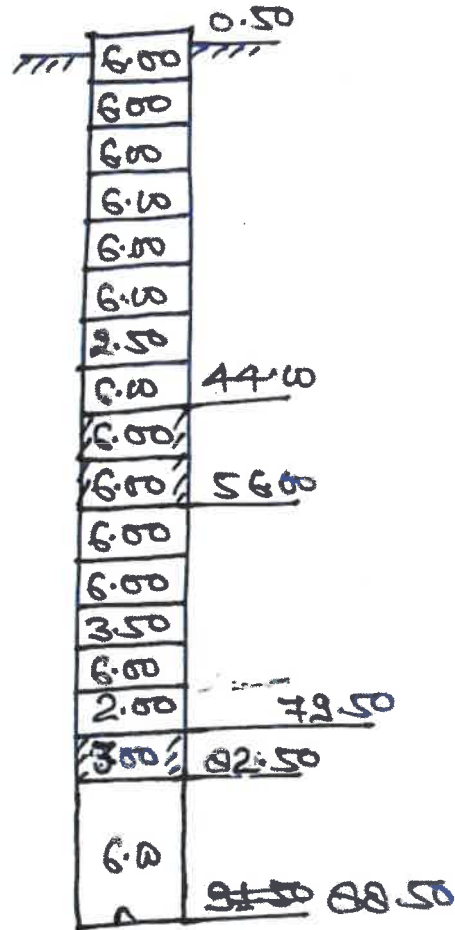
District : Aligarh.

Required : 225 LPM

300mm dia Plain Pipe : 7
200mm dia Plain Pipe : 78
200mm dia Slotted Pipe : 12
90mtr

Streta :-

42-57 → 15mtr
72-88 → 02mtr



300mm dia Plain Pipe : X
300X200 mm Reducer : X
200mm dia Plain Pipe : 74.00mtr
200mm dia Slotted Pipe : 15.00 mtr

| | |
|-------|-------------|
| Total | : 89.00 mtr |
|-------|-------------|

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GOLARA, BLOCK- AKRABAD, DISTT- ALIGARH UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 106 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.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 = 15.21 Ohms.

Drilling Water Resistivity = 16.50 Ohms.

Approx Water Level = 15 Mtr.

| S.No. | Depth range(m) | Thickness(m) | Lithology | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1. | 0 - 5 | 5 | Surface soil | |
| 2. | 5 - 8 | 3 | Dry sand | |
| 3. | 8 - 12 | 4 | Clay kankar | |
| 4. | 12 - 15 | 3 | Fine sand | |
| 5. | 15 - 20 | 5 | Clay kankar | |
| 6. | 20 - 26 | 6 | Fine to Medium sand | Medium |
| 7. | 26 - 31 | 5 | Clay kankar | |
| 8. | 31 - 38 | 7 | Fine to Medium sand | Medium |
| 9. | 38 - 42 | 4 | Clay kankar | |
| 10. | 42 - 57* | 15 | Medium sand | Medium |
| 11. | 57 - 79 | 22 | Clay kankar | |
| 12. | 79 - 88* | 9 | Medium sand | Medium |
| 13. | 88 - 92 | 4 | Clay kankar | |
| 14. | 92 - 101 | 9 | Fine sand | Medium |
| 15. | 101 - 106 | 5 | Clay kankar | |

Note : - Please ensure pre-monsoon water level before lower the well assembly

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 : 18/08/2023

Contractor Name: Kalpataru Power Transmission Limited.

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

Location of Work

DISTRICT: ALIGARH BLOCK: AKRABAD SCHEME: GOLARA

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
Required LPM- 295
Assembly size - 200mm phi X 200mm phi

On Date: 19/8/23

Time: 10:00AM

Submitted By

Ashutosh Pandey

Date: 18/8/23

Time 10:00 AM

Sign

TPI / Aarvee

Recieved By

Adnan Akbar

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