



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



**QUALITY MANAGEMENT SYSTEM**

Format No :  
KPIL/232221F/00023

DEPTH OF  
STARTA

**PROPOSED ASSEMBLY DETAILS**

Block- Jalshay

GP- Mai

SL. DPR Details -

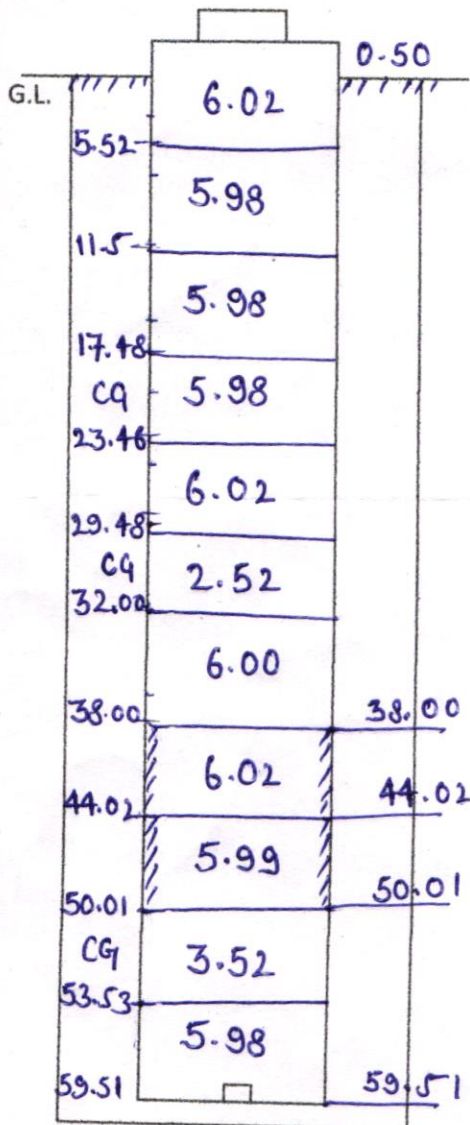
Lowering Date - 20/01/25

1. Water Discharge in LPM - 380

2. Bore well Drilling dia- 500 mm

3. Bore well Drilling depth- 100m

**LOGGING REPORT**



Depth-		Date-	
SL.	Depth Range	Thickness	Remarks
1	38-50	12 mtr	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

**Assembly Details**

**Proposed Assembly for Lowering**

1. 300mm dia MS Plain Pipe-
2. 200mm dia MS Plain Pipe 48 mtr
3. 200mm dia MS Slotted Pipe- 12.01 mtr
4. 200mm dia LCG Pipe -
5. 300/200 mm dia Reducer -
6. MS Bail Plug- 1
7. MS Ring 300mm-
8. MS Ring 200mm- 10
9. MSSl Clamp- 1
10. Centre Guide - 3
11. TW Assembly Support- 1
12. MS Well Cap - 1
13. Pea Gravel Packing-

KPIL

*Rup*

TPI

*CPIL*

CLIENT (UPJN)

Lowering work executed as per assembly chart.

GROUND WATER SURVEY CONSULTANCY  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT

Ref No:-B- 497

Date:- 17-01-2025

NAME OF SITE

GRAM PANCHAYAT- Mai

BLOCK- Jalesar

DISTT- Etah

NAME OF AGENCY

M/s Kalpataru Project International Pvt. Ltd.  
Etah



GROUND WATER SURVEY CONSULTANCY  
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.  
112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006  
(M) : 9412260823, 9794625420, 9761163000, Email : gwsc\_agra@yahoo.com

**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



# REPORT ON GEOPHYSICAL WELL LOGGING AT

## GRAM PANCHAYAT- MAI, BLOCK- JALESAR, DISTT- ETAH UNDER JAL JIVAN MISSION

### Introduction :

A Deep bore hole was drilled 100 mtrs. depth. and Logged depth 100 mtrs. at above site. Was drilled by M/s Kalpataru Project International Pvt. Ltd, Etah.

On the request of M/s Kalpataru Project International Pvt. Ltd, Etah. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 17.Jan.2025.

Logging Para meters - Self potential, short normal (N16), 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 = 08.21 Ohms.

Drilling Water Resistivity = 09.44 Ohms.

Approx Water Level = 24 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 23	18	Dry sand	
3.	23 - 26	3	Clay kankar	
4.	26 - 30	4	Fine sand	
5.	30 - 39	9	Clay kankar	
6.	39 - 50*	11	Medium sand	Medium
7.	50 - 85	35	Clay kankar	
8.	85 - 87	2	Kankar	Saline
9.	87 - 100	13	Clay kankar	

Ground Water Survey Consultancy



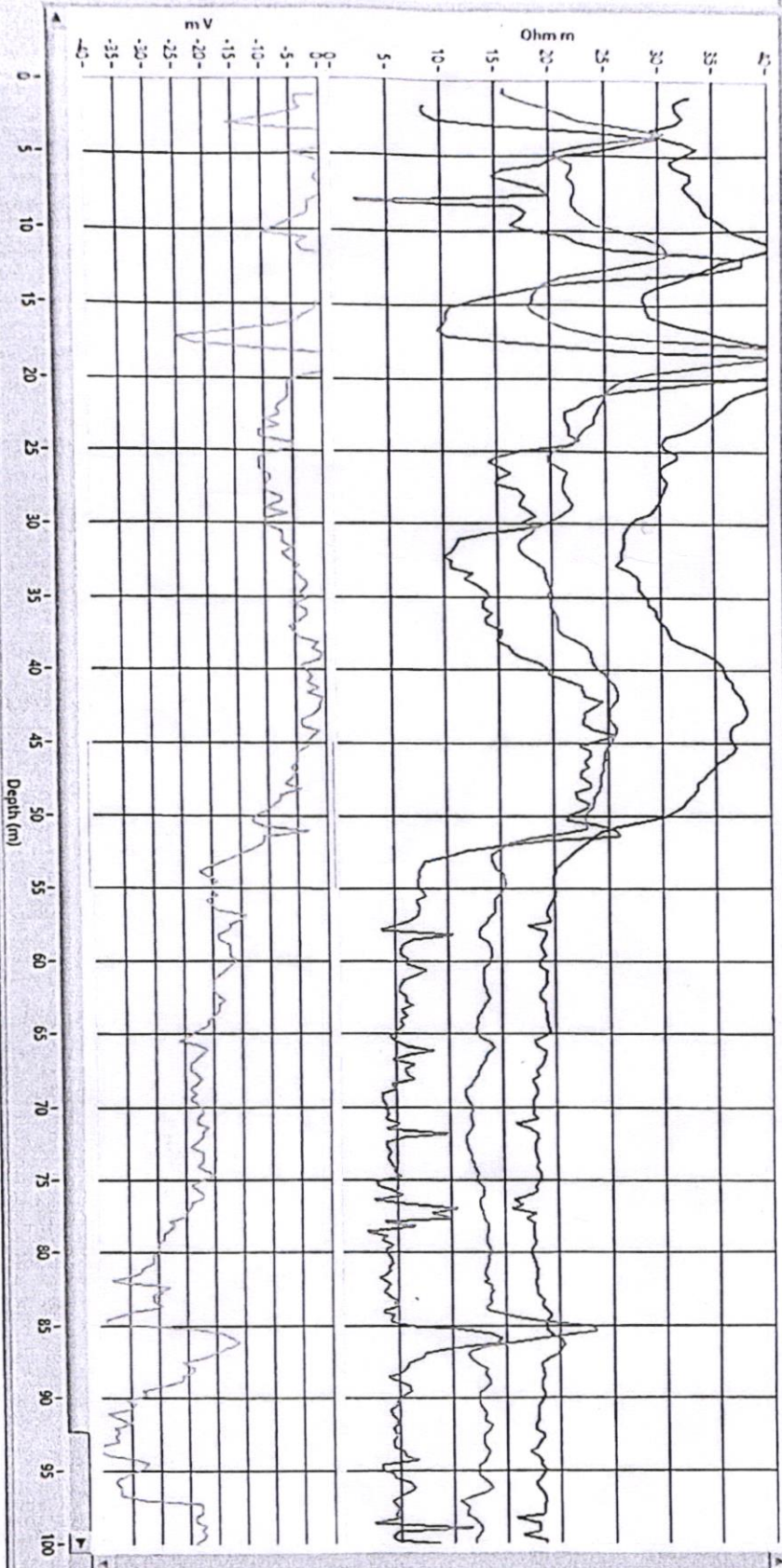
**Conclusions and Recommendations :-**

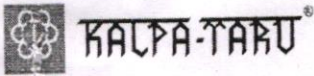
1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (\*) appear to be aquifer zones for possible Development of tube well.
3. The Quality of water is expected Medium to saline.
4. It is recommended to have a chemical and bacteriological analysis of the water sample before using it for human consumption or for any other use.
5. All projections and recommendations are subject to the inherent limitations of the technique employed and there could be variations as the underground conditions are not always amenable to physical interpretations.



**Ground Water Survey Consultancy**

No. 1  
 NISIN  
 NSINLN  
 LAT  
 Logging Details  
 Date: 10/01/2011  
 Time: 10:30 AM  
 Location: ...  
 Operator: ...  
 Page 2 of 2  
 ISS/21/12-11  
 Upper Issue  
 DMP-2  
 Logger Name: ...  
 Ground Water  
 Survey Consultancy  
 Agra UP India  
 India





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

**REQUEST FOR INSPECTION (RFI)**

Format No : KPIL/232221F/00001

RFI no: JJM/ETAH/KPIL/

Date : 20/01/25

Contractor Name: Kalpataru Projects International Limited

LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

**Location of Work**

District: Etah Block: Jaleshar Scheme: Mai Date: 20/01/25

Following civil items are ready for inspection :

SBC	<input type="checkbox"/>	Tube Well	<input checked="" type="checkbox"/>	Excavation	<input type="checkbox"/>	PCC	<input type="checkbox"/>	RCC	<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 :

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 ( )	<input type="checkbox"/>	Others	<input type="checkbox"/>		

**Work Description :**

\* RFI for Tubewell lowering  
 \* Required LPM - 380 LPM  
 \* lowering depth - 59.5 m  
 at Up- Mai Block- Jaleshar

On Date : 20/01/25

Time : 10:00 AM

Submitted By Rasagy4 shukla Date 20/01/25 Time 8:00 AM

Sign [Signature]

**TPI (Aarvee)**

Recieved By \_\_\_\_\_ Date 20/01/25 Time \_\_\_\_\_ Sign [Signature]

**Comments :**

Total assembly = 60.01 mtr  
 200mm plain pipe = 48 mtr  
 slotted pipe = 12.01 mtr

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



KALPATARU®

aarvee associates  
architects engineers & consultants pvt. ltd.



### PROJECT - STATE WATER AND SANITATION MISSION PROJECT ETAH

#### REQUEST FOR INSPECTION (RFI)

Format No : KPIL/232221F/00001

RFI no: JJM/ETAH/KPIL/

Date : 13/01/25

Contractor Name: Kalpataru Projects International Limited

LOA No- 3563/W-25 (Aligarh)/2021-22 dated 07.01.2022

#### Location of Work

District: Etah

Block : Jaleshar

Scheme : Mau

Date : 13/01/25

Following civil items are ready for inspection :

- SBC  Tube Well  Excavation  PCC  RCC
- 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 :

RFI for Drilling of Tubewell & logging  
 Drilling depth - 100m , Dia - 500mm, LPM as per D.P.R. - 380  
 Cp - Mau Block - Jaleshar

On Date : 13/01/25

Time : 10:00 am

Submitted By Pasayya Shukla

Date 13/01/25

Time 08:00 am

Sign

TPI (Aarvee)

Recieved By

Date 17/01/25

Time

Sign

Comments :

Drilling depth = 100mtr  
 Logging depth = 100mtr

Civil Department

E&M , I/C Department

NAME :

APPROVED

NAME :

APPROVED

DESIG :

APPROVED AS NOTED

DESIG :

APPROVED AS NOTED

SIGN:

REJECTED

SIGN:

REJECTED