



# Kalpataru Power transmission Limited

## PROPOSED ASSEMBLY DETAILS

QUYALITY MANAGEMENT SYSTEM

01053-JMC-2281-19F-0000055 R0

## DPR DETAILS

23-08-2023

DEPTH OF STRATA

G.P.-

KAITHOWALIYA URF BARGADAH

BLOCK-

NAUTANWA

SL

Lowering Date

450

1

Water Discharge in LPM

198

2

Bore well Drilling

198

3

Borewell Size 500\*500 mm Dia

180

4

Tube well Assembly Size-

200MM Dia

150MM Dia

5

300MM Dia

36

144

6

## 1- LOGGING REPORT

SL

Depth Logged- MBGL

Thickness in Mtr.

Remarks

1

30

-

38

8

GOOD

2

41

-

45

4

GOOD

3

66

-

70

4

GOOD

4

80

-

86

6

GOOD

5

128

-

133

5

GOOD

6

7

8

9

## 2- ASSEMBLY DETAILS

SL

200 MM DIA HOUSING PIPE A.G.L.

0.50

1

200 MM DIA HOUSING PIPE

36.10

2

200 MM DIA REDUCER PIPE

35.60

TO

35.80

3

150 MM DIA PLAIN

PIPE

35.80

TO

66.00

4

150 MM DIA SCREEN

PIPE

66.00

TO

70.00

5

150 MM DIA PLAIN

PIPE

70.00

TO

80.01

6

150 MM DIA SCREEN

PIPE

80.01

TO

86.02

7

150 MM DIA PLAIN

PIPE

86.02

TO

128.00

8

150 MM DIA SCREEN

PIPE

128.00

TO

133.00

9

150 MM DIA PLAIN

PIPE

133.00

TO

139.02

TOTAL ASSEMBLY=

139.02 M+A.G.L.=

139.52

## 3- Proposed Assembly for Lowering

1

300MM DIA MERW PIPE PLAIN PIPE

36.10

2

200MM DIA MERW PIPE PLAIN PIPE

88.21

3

150MM DIA MERW PIPE PLAIN PIPE

1

4

300/150 MM DIA REDUCER

15.01

5

200/150 MM DIA REDUCER

1

6

150MM DIA MSERW SLOTTED PIPE

1

7

300MM DIA WELL CAP

4

8

200MM DIA WELL CAP

1

9

150MM DIA CENTER GUIDE

198

10

GRAVEL PACKING

139.52

11

600 MM DIA BORE DIGGING

198

12

500 MM DIA BORE DIGGING

139.52

TOTAL ASSEMBLY =

139.52

KPTL

TPA

JE UPJN

AEUPJN

EE UPJN





# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Date: 18-08-2023

Ref: TDMA/WWP/JR/399

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Kaitholia urf Bargadahi, Block – Nautanwa,  
Distt. – Maharajganj

Drilling Depth (m) : 200.00 mbgl as reported by Driller

Logged Depth (m) : 172.00 mbgl

Date of Logging : 18.08.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging.,

Bore Hole Drilled by : Kalpataru Power Transmission Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Quality & Types of Strata | $R_{mf}$ & $R_w$                                    |
|---------|----------------------|---------------|---------------------------|-----------------------------------------------------|
| 1       | 30 – 38              | 8             | Good                      | $R_{mf} = 20.88 \Omega m$<br>$R_w = 22.65 \Omega m$ |
| 2       | 41 – 45              | 4             | Good                      |                                                     |
| 3       | 66 – 70              | 4             | Good                      |                                                     |
| 4       | 80 – 86              | 6             | Good                      |                                                     |
| 5       | 128 – 133            | 5             | Good                      |                                                     |

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

2. No proper granular zones encountered below 133 mbgl to till depth logged.

