

**GROUND WATER SURVEY CONSULTANCY**  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:- 82

Date:- 17-11-2022

**NAME OF SITE**

GRAM PANCHAYAT- Seekari

BLOCK- Kiratpur

DISTT- Bijnor

**NAME OF AGENCY**

LC Infra Projects Pvt. Ltd.- TCEL(JV)  
Bijnor



**GROUND WATER SURVEY CONSULTANCY**

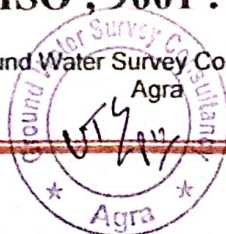
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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- SEEKARI, BLOCK- KIRATPUR, DISTT- BIJNOR UNDER JAL JIVAN MISSION

### Introduction :

A Deep bore hole was drilled 160 mtrs. depth. and Logged depth 160 mtrs. at above site. Was drilled by M/s LC Infra Projects Pvt. Ltd.- TCEL(JV), Bijnor.

On the request of M/s LC Infra Projects Pvt. Ltd.- TCEL(JV), Bijnor. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 17.Nov.2022.

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:-

| S.No. | Depth range(m) | Thickness(m) | Lithology            | Expected Water Quality |
|-------|----------------|--------------|----------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil         |                        |
| 2.    | 5 - 14         | 9            | Dry sand             |                        |
| 3.    | 14 - 16        | 2            | Clay                 |                        |
| 4.    | 16 - 32        | 16           | Fine sand            | Good                   |
| 5.    | 32 - 37        | 5            | Clay kankar          |                        |
| 6.    | 37 - 48        | 11           | Medium sand          | Good                   |
| 7.    | 48 - 50        | 2            | Clay kankar          |                        |
| 8.    | 50 - 61*       | 11           | Medium sand          | Good                   |
| 9.    | 61 - 66        | 5            | Clay kankar          |                        |
| 10.   | 66 - 69        | 3            | Fine sand            | Good                   |
| 11.   | 69 - 76        | 7            | Clay kankar          |                        |
| 12.   | 76 - 96*       | 20           | Medium sand          | Good                   |
| 13.   | 96 - 104       | 8            | Clay kankar          |                        |
| 14.   | 104 - 110*     | 6            | Medium sand          | Good                   |
| 15.   | 110 - 115      | 5            | Clay kankar          |                        |
| 16.   | 115 - 132*     | 17           | Medium sand & Kankar | Good                   |
| 17.   | 132 - 137      | 5            | Clay kankar          |                        |
| 18.   | 137 - 142*     | 5            | Medium sand          | Good                   |
| 19.   | 142 - 148      | 6            | Sandy clay           |                        |
| 20.   | 148 - 160      | 12           | Clay kankar          |                        |



**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 tubewell.
3. The Quality of water is expected Good.
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.

**Geophysicist**



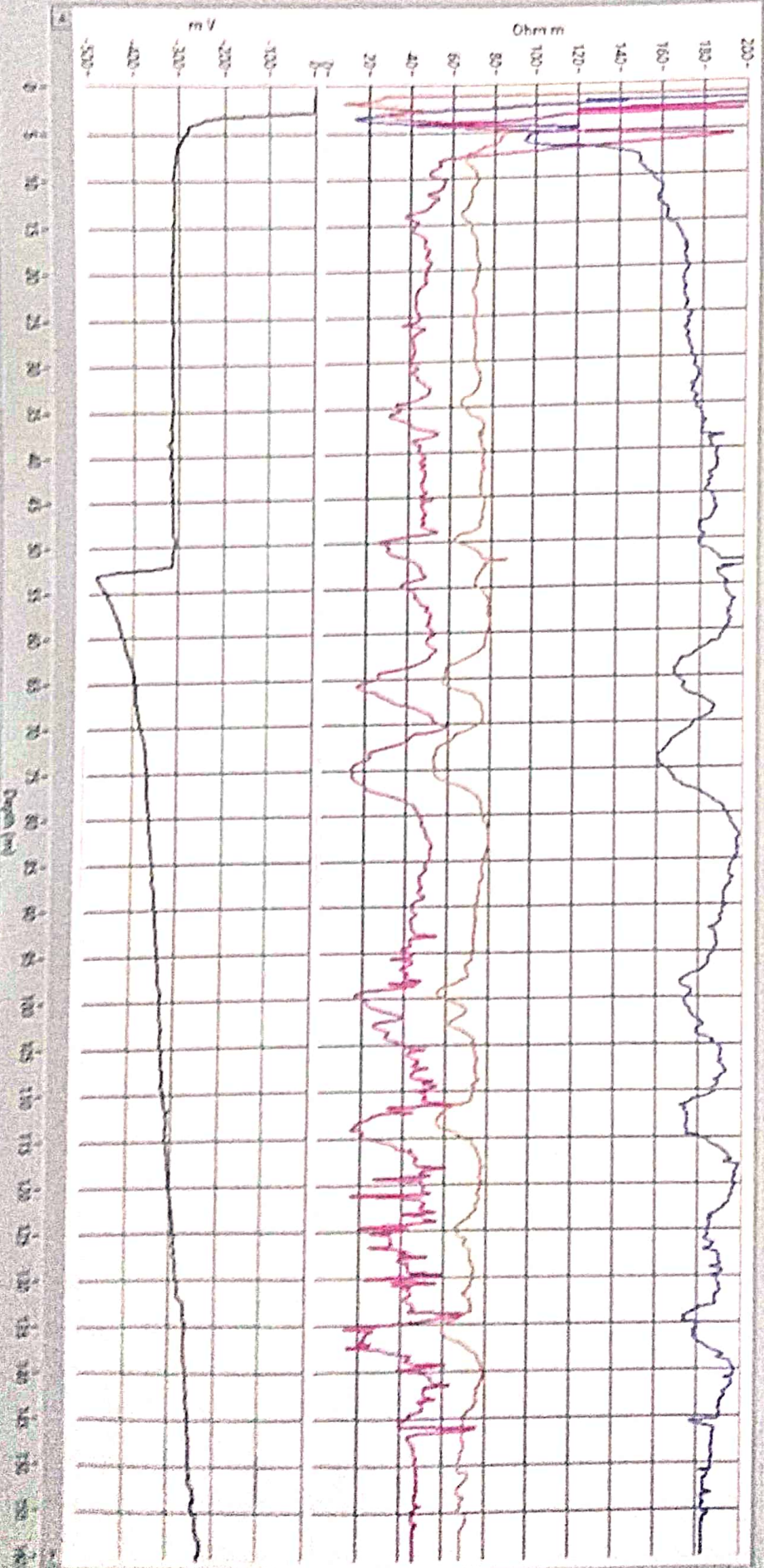
**Ground Water Survey Consultancy**



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 TIME: 10:30 AM  
 LOCATION: ...  
 ...

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**GROUND WATER SURVEY CONSULTANCY**  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:- 333

Date:- 15-12-2022

**NAME OF SITE**

GRAM PANCHAYAT- Mohra

BLOCK- Alhaipur

DISTT- Bijnor

**NAME OF AGENCY**

LC Infra Projects Pvt. Ltd.- TCEL(JV)  
Bijnor



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**ISO ; 9001 : 2015**

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Agra





# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MOHRA, BLOCK- ALHAIPUR,  
DISTT- BIJNOR  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 160 mtrs. depth. and Logged depth 160 mtrs. at above site. Was drilled by M/s LC Infra Projects Pvt. Ltd.- TCEL(JV), Bijnor.

On the request of M/s LC Infra Projects Pvt. Ltd.- TCEL(JV), Bijnor. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 15.Dec.2022.

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:-

| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 26         | 21           | Fine to Medium sand |                        |
| 3.    | 26 - 41        | 15           | Clay kankar         |                        |
| 4.    | 41 - 67*       | 26           | Medium sand         | Med to Good            |
| 5.    | 67 - 71        | 4            | Clay kankar         |                        |
| 6.    | 71 - 89*       | 18           | Medium sand         | Med to Good            |
| 7.    | 89 - 94        | 5            | Clay kankar         |                        |
| 8.    | 94 - 108*      | 14           | Medium sand         | Med to Good            |
| 9.    | 108 - 126      | 18           | Clay kankar         |                        |
| 10.   | 126 - 155*     | 29           | Medium sand         | Med to Good            |
| 11.   | 155 - 160      | 5            | Sandy clay          |                        |

  
Ground Water Survey Consultancy  
Agra

**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 tubewell.
3. The Quality of water is expected Medium to Good.
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.

**Geophysicist**



**Ground Water Survey Consultancy**

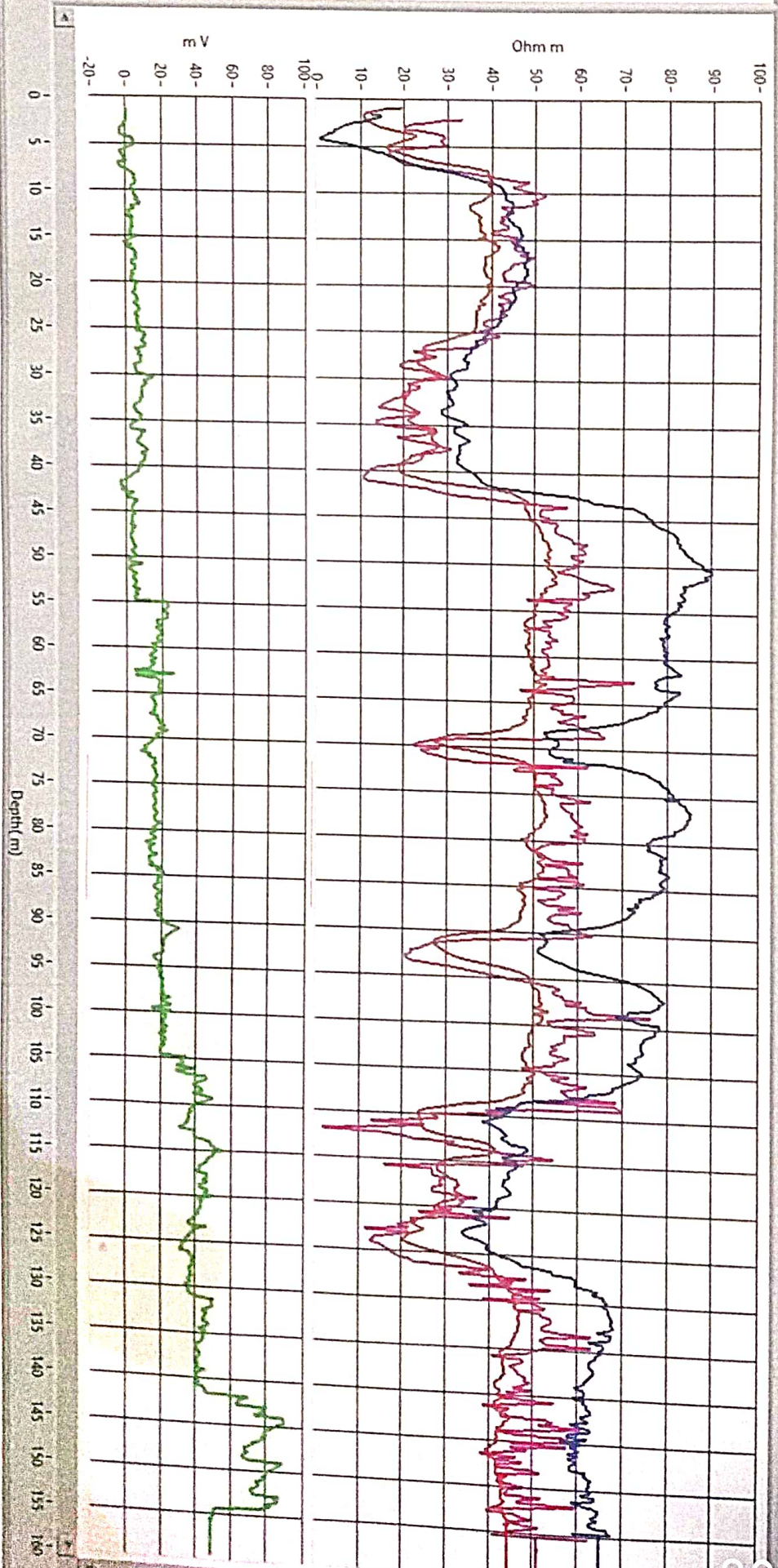
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 LAT

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 DATE: 15 Dec 2012  
 TIME:  
 13:55  
 Operator:  
 Uday Kumar (GT)  
 Well Depth:

SP





# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

## GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 334

Date:- 15-12-2022

### NAME OF SITE

GRAM PANCHAYAT- Pundari Khurd      BLOCK- Najibabad      DISTT- Bijnor

### NAME OF AGENCY

LC Infra Projects Pvt. Ltd.- TCEL(JV)  
Bijnor



## GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy



2022/12/21

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- PUNDARI KHURD, BLOCK- NAJIBABAD,  
DISTT- BIJNOR  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 160 mtrs. depth. and Logged depth 160 mtrs. at above site. Was drilled by M/s LC Infra Projects Pvt. Ltd.- TCEL(JV), Bijnor.

On the request of M/s LC Infra Projects Pvt. Ltd.- TCEL(JV), Bijnor. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 15.Dec.2022.

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:-

| S.No. | Depth range(m) | Thickness(m) | Lithology           | Expected Water Quality |
|-------|----------------|--------------|---------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil        |                        |
| 2.    | 5 - 22         | 17           | Fine sand           |                        |
| 3.    | 22 - 25        | 3            | Clay kankar         |                        |
| 4.    | 25 - 45        | 20           | Fine to Medium sand | Med to Good            |
| 5.    | 45 - 47        | 2            | Kankar              |                        |
| 6.    | 47 - 66*       | 19           | Medium sand         | Med to Good            |
| 7.    | 66 - 76        | 10           | Clay kankar         |                        |
| 8.    | 76 - 93*       | 17           | Medium sand         | Med to Good            |
| 9.    | 93 - 100       | 7            | Clay kankar         |                        |
| 10.   | 100 - 118*     | 18           | Medium sand         | Med to Good            |
| 11.   | 118 - 122      | 4            | Clay kankar         |                        |
| 12.   | 122 - 146*     | 24           | Medium sand         | Med to Good            |
| 13.   | 146 - 150      | 4            | Clay kankar         |                        |
| 14.   | 150 - 155*     | 5            | Medium sand         | Med to Good            |
| 15.   | 155 - 160      | 5            | Clay kankar         |                        |



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**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 tubewell.
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**Geophysicist**



**Ground Water Survey Consultancy**

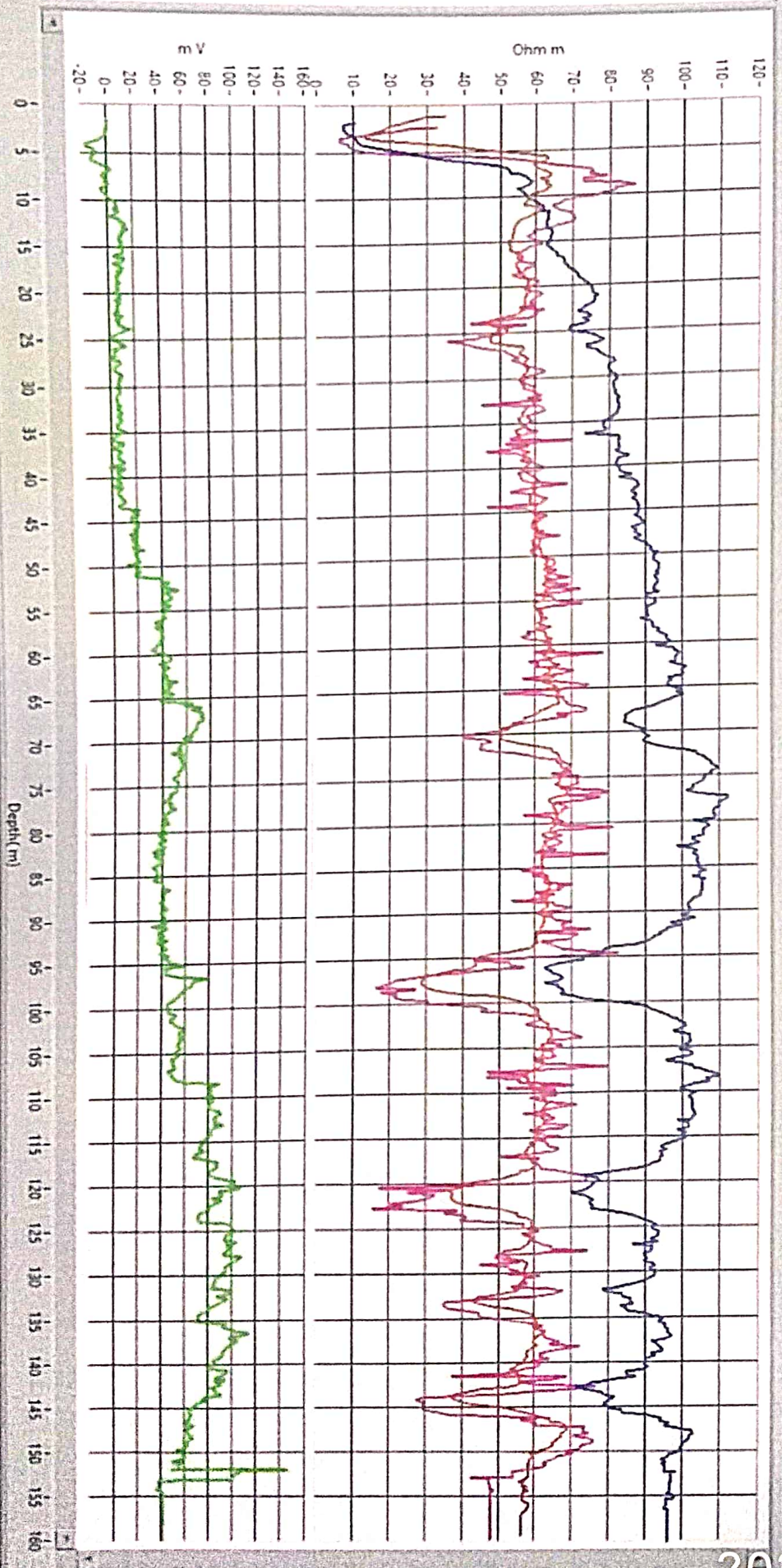
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- H (SSN)
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- LAT

Location: 180275, 77.033333, 28.033333  
 Date: 11 Dec 2022  
 Time: 1:00  
 Station: 180275  
 Well: 180275

SP





**GROUND WATER SURVEY CONSULTANCY**  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:- 48

Date:- 12-11-2022

**NAME OF SITE**

GRAM PANCHAYAT- Jagadishpur

BLOCK- Najibabad

DISTT- Bijnor

**NAME OF AGENCY**

LC Infra Projects Pvt. Ltd.- TCEL(JV)  
Bijnor



**GROUND WATER SURVEY CONSULTANCY**

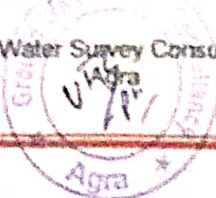
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2022/12/21

# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JAGADISHPUR, BLOCK- NAJIBABAD  
DISTT- BIJNOR  
UNDER  
JAL JIVAN MISSION

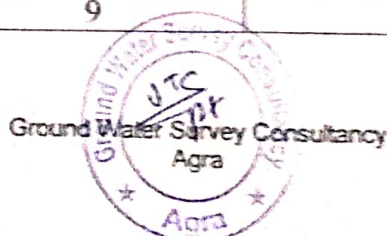
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| S.No. | Depth range(m) | Thickness(m) | Lithology        | Expected Water Quality |
|-------|----------------|--------------|------------------|------------------------|
| 1.    | 0 - 5          | 5            | Surface soil     |                        |
| 2.    | 5 - 10         | 5            | Clay kankar      |                        |
| 3.    | 10 - 25        | 15           | Kankar with Sand |                        |
| 4.    | 25 - 45        | 20           | Clay kankar      |                        |
| 5.    | 45 - 50        | 5            | Fine sand        |                        |
| 6.    | 50 - 60        | 10           | Clay kankar      |                        |
| 7.    | 60 - 75*       | 15           | Medium sand      | Good                   |
| 8.    | 75 - 87        | 12           | Clay kankar      |                        |
| 9.    | 87 - 89        | 2            | Fine sand        | Good                   |
| 10.   | 89 - 125       | 36           | Clay kankar      |                        |
| 11.   | 125 - 144*     | 19           | Medium sand      | Good                   |
| 12.   | 144 - 146      | 2            | Kankar           |                        |
| 13.   | 146 - 151*     | 5            | Medium sand      | Good                   |
| 14.   | 151 - 160      | 9            | Clay             |                        |



2022/12/21



**Conclusions and Recommendations :-**

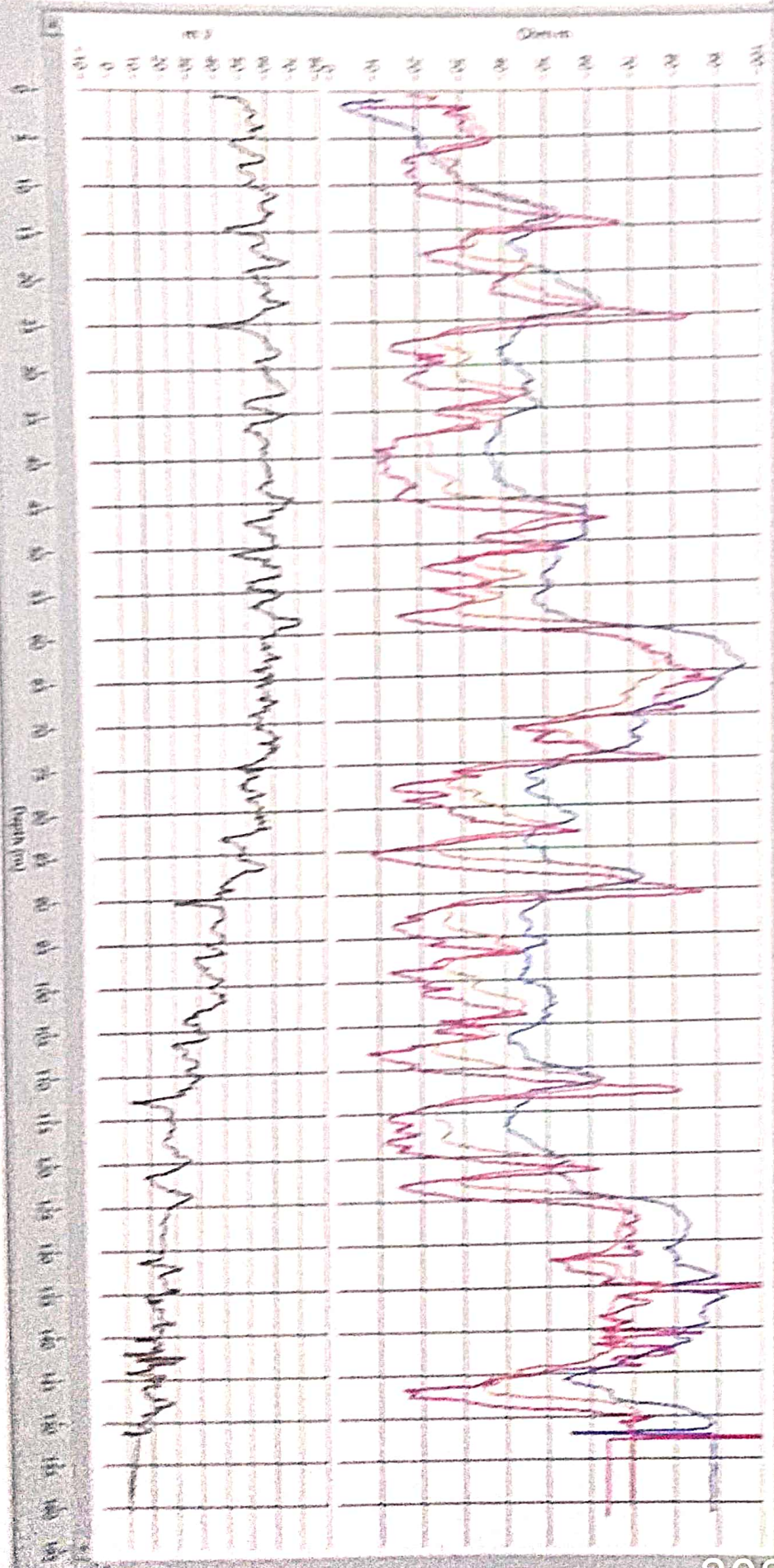
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**Geophysicist**



**Ground Water Survey Consultancy**

210/22/112



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M.D. (Biochemistry)

10/10/10