

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-A-2270

Date:- 29-11-2023

NAME OF SITE

GRAM PANCHAYAT- Lachchhhampur BLOCK- Anupsahar DISTT- Bulandshahar

NAME OF AGENCY

M/s NMK Enterprises
Bulandsahar



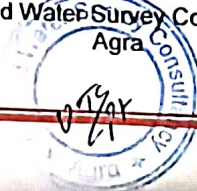
GROUND WATER SURVEY CONSULTANCY

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
Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- LACHCHHAMPUR, BLOCK- ANUPSAHAR,
DISTT- BULANSHAHAR
UNDER
JAL JIVAN MISSION

Introduction :

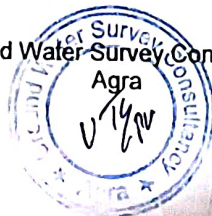
A Deep bore hole was drilled 150 mtrs. depth. and Logged depth 150 mtrs. at above site. Was drilled by M/S NKM Enterprises, Bulandsahar.

On the request of M/S NKM Enterprises, Bulandsahar. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 29.Nov.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:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Dry sand	
3.	10 - 27	17	Clay kankar	
4.	27 - 35	8	Medium sand	Medium
5.	35 - 39	4	Clay kankar	
6.	39 - 44	5	Medium sand	Medium
7.	44 - 50	6	Clay kankar	
8.	50 - 60*	10	Medium sand	Medium
9.	60 - 69	9	Clay kankar	
10.	69 - 75*	6	Medium sand	Medium
11.	75 - 83	8	Clay kankar	
12.	83 - 85	2	Very Fine sand	
13.	85 - 106	21	Sandy clay	
14.	106 - 121*	15	Medium sand	Medium
15.	121 - 127	6	Clay kankar	
16.	127 - 145*	18	Medium sand	Medium
17.	145 - 150	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 tube well.
3. The Quality of water is expected Medium.
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.

Geologist



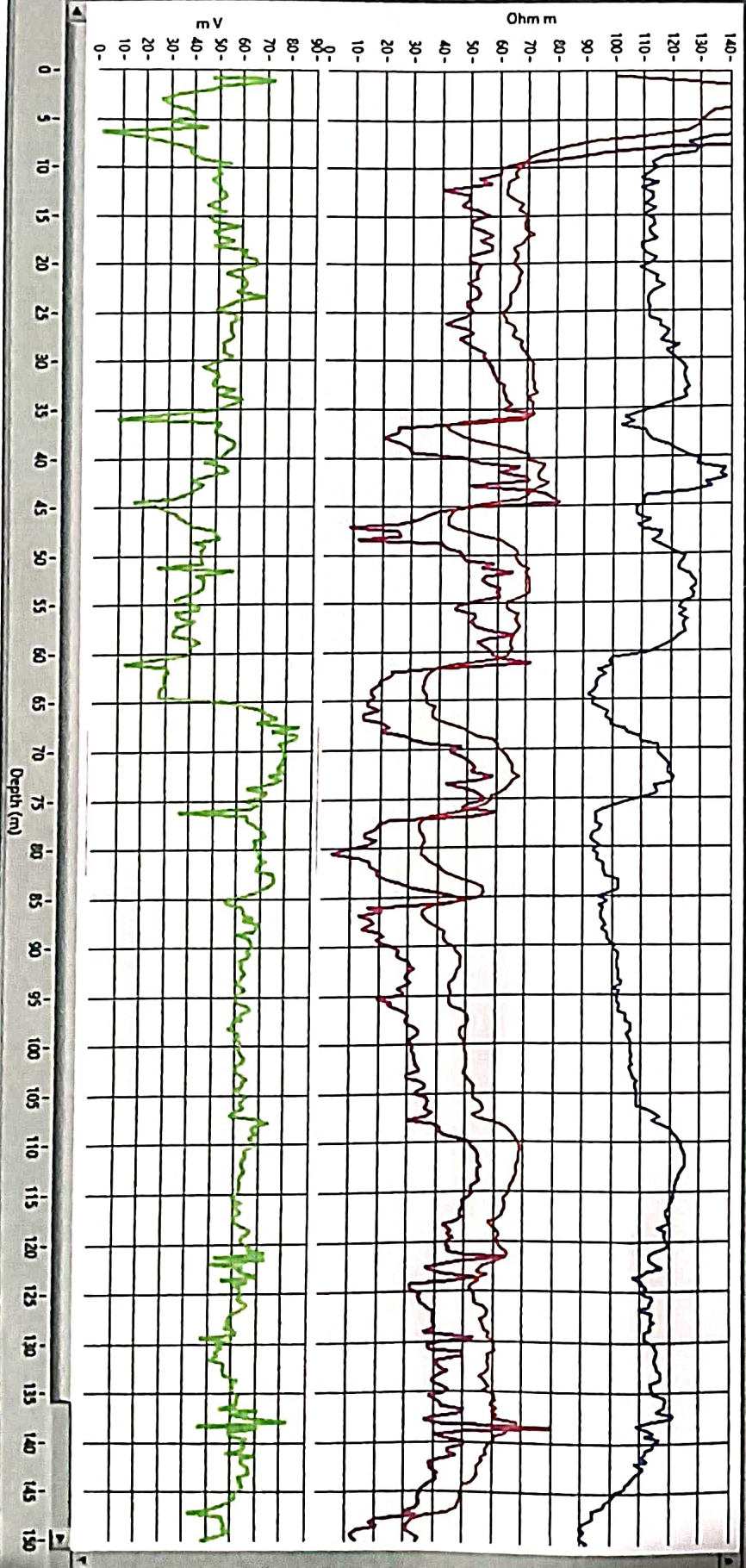
Rho a
 N16 (SN)
 N64(LN)
 LAT

Logging Details:
 Log No. G1-100000000
 Borehole No. G1-100000000
 Location
 OF LOGGING
 27 Nov 2013
 2013
 Station Name (A1)

Logger Site:
 IGSS/S/02/2-23

Logger Model:
 DMAPL-2
 SP (m V)

Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 AGRA UP, INDIA



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-B-1639

Date:- 29-08-2023

NAME OF SITE

GRAM PANCHAYAT- Aurangabad Kaser BLOCK- Dibai DISTT- Bulandshahar

NAME OF AGENCY

Samaira Shadab Infrastructure LLP
Bulandshahar



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
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REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- AURANGABAD KASER, BLOCK- DIBAI, DISTT- BULANDSHAHR
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 150 mtrs. depth. and Logged depth 150 mtrs. at above site. Was drilled by M/S Samaira Shadab Infrastructure LLP, Bulandsahar.

On the request of M/S Samaira Shadab Infrastructure LLP, Bulandsahar. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 29.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:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 10	5	Dry sand	
3.	10 - 15	5	Fine sand	
4.	15 - 23	8	Clay kankar	
5.	23 - 65*	42	Medium sand & kankar	Good
6.	65 - 82	17	Clay kankar	
7.	82 - 93*	11	Medium sand	Good
8.	93 - 122	29	Clay kankar	
9.	122 - 135*	13	Fine to Med sand & kankar	Medium
10.	135 - 150	15	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 tube well.
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



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No. 8
 NT6 SN
 NS&UN
 LAT

Logging Details
 MPT V. K. Singh
 Survey No. 2023/01
 Date 22/02/23
 Time 11:30
 Location: Gurgaon

Logger S. Me
 ICS 5/02/22-23

SP (cm V)
 Logger Model: DMP-2

Logger Owned by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 AGRA, UP, INDIA

