

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MISHRIPUR, BLOCK- KANNAUJ, DISTT- KANNAUJ
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 250 mtrs. depth. and Logged depth 240 mtrs. at above site. Was drilled by M/s G.V.P.R. Engineering Ltd., Hyderabad.

On the request of M/s G.V.P.R. Engineering Ltd., Hyderabad. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 24.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 = 17.26 Ohms.

Drilling Water Resistivity = 18.10 Ohms.

Approx Water Level = 5 Mtr.

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 20	15	Clay kankar	
3.	20 - 46	26	Medium sand & kankar	Good
4.	46 - 56	10	Clay kankar	
5.	56 - 70*	14	Fine to Med sand & kan	Good
6.	70 - 138	68	Clay kankar	
7.	138 - 141	3	Kankar	
8.	141 - 175	34	Clay kankar	
9.	175 - 180	5	Fine sand	Good
10.	180 - 240	60	Clay kankar	

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

Ground Water Survey Consultancy



GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-B-1613

Date:- 24-08-2023

NAME OF SITE

GRAM PANCHAYAT- Mishripur

BLOCK- Kannauj

DISTT- Kannauj

NAME OF AGENCY

M/s G.V.P.R. Engineering Ltd.
Hyderabad



GROUND WATER SURVEY CONSULTANCY

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

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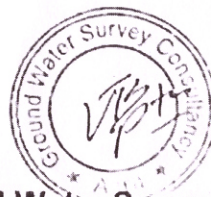
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Conclusions and Recommendations :-

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 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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