

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- ULLAIYA, BLOCK- BILSI, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

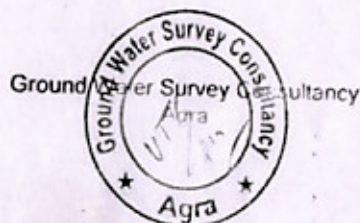
Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conducted at above bore hole using IGIS Well Logger on 01.Jan.2023.

Logging Parameters - 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:-

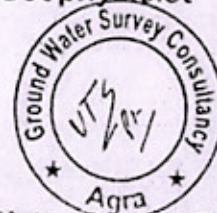
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Dry sand	
3.	15 - 27	12	Clay kankar	
4.	27 - 38	11	Fine to Medium sand	Good
5.	38 - 43	5	Clay kankar	
6.	43 - 45	2	Fine to Medium sand	Good
7.	45 - 54	9	Clay kankar	
8.	54 - 85*	31	Medium sand	Good
9.	85 - 97	12	Clay kankar	
10.	97 - 107*	10	Medium sand	Good
11.	107 - 130	23	Clay kankar	



Conclusions and Recommendations :-

1. The Lithology broadly tallies with that of drill cutting starta 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

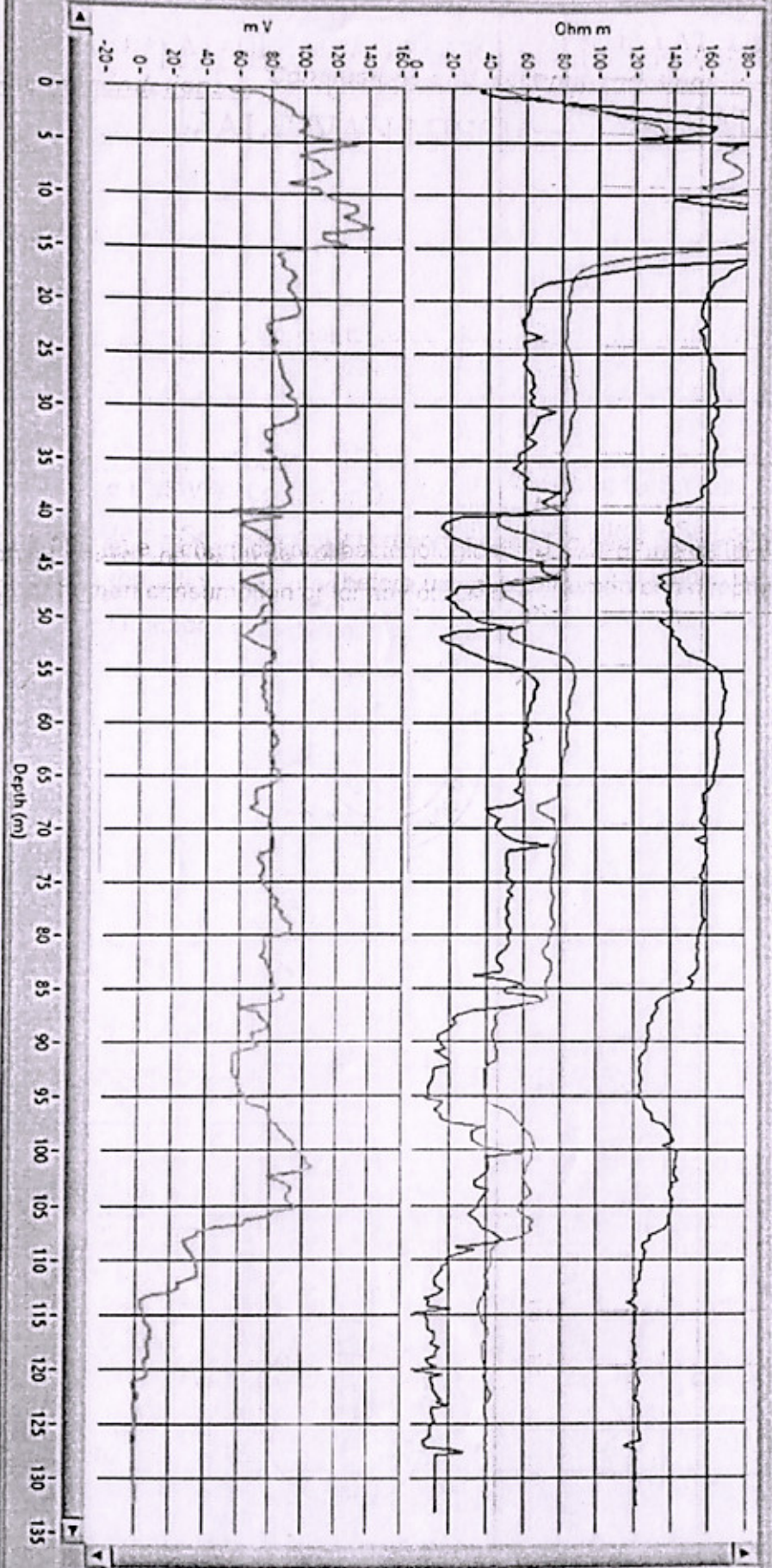


Ground Water Survey Consultancy

Pno 2
 N16 (SN)
 N54(LN)
 LAT

300-20 V 118 500
 300-20 V 118 500
 300-20 V 118 500
 300-20 V 118 500
 300-20 V 118 500
 300-20 V 118 500

SP (mV)



GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 531

Date:- 01-01-2023

NAME OF SITE

Gram Panchayat- Ullaiya BLOCK- Bilsa DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



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