GROUND WATER SURVEY CONSULTANCY OF OLOOPERS, OF OPPRESSES & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:-11-252

Date: - 27-04-2023

NAME OF SITE

GRAM PANCHAYAT- Asdharmai

BLOCK- Mion

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

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REPORT ON GEOPHYSICAL WELL LOGGING

GRAM PANCHAYAT- ASDHARMAI, BLOCK- MION, DISTT- BADAUN UNDER JAL JIVAN MISSION

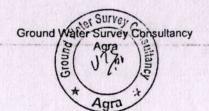
Introduction:

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 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 in the above bore hole using IGIS Well Logger on 27.April.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 - 20	15	Dry sand	SOLD A STATE
3.	20 - 33	13	Fine sand	Medium
4.	33 - 37	4	Clay kankar	
5.	37 - 50	13	Fine to Medium sand	Medium
6.	50 - 60	10	Clay kankar	
7.	60 - 88*	28	Medium sand	Medium
8.	88 - 91	3	Kankar	
9.	91 - 107*	16	Medium sand	Medium
10.	107 - 122	15	Clay kankar	
11.	122 - 125	3	Fine sand	Medium
12.	125 - 134	9	Clay kankar	
13.	134 - 138	4	Fine sand	Medium
14.	138 - 140	2	Clay kankar	

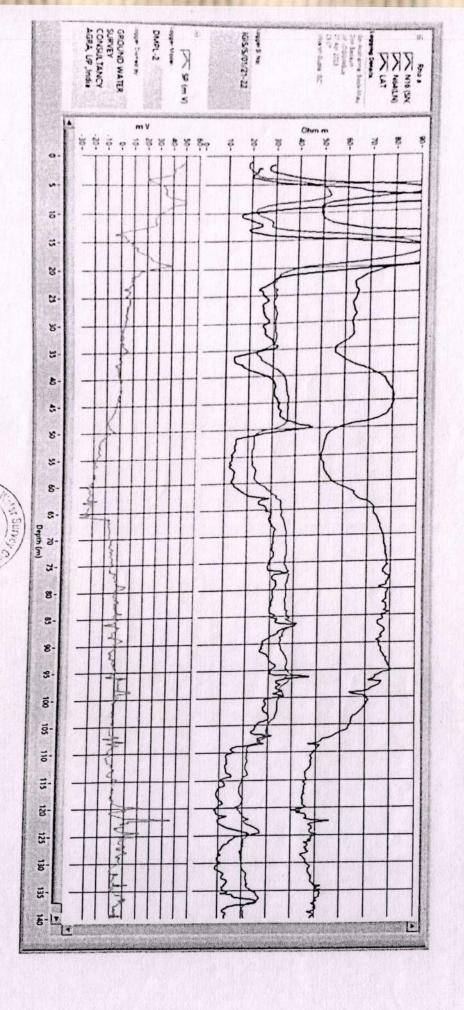


Conclusions and Recommendations :-

- The Lithology broadly tallies with that of drill cutting strata chart.
- The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
- The Quality of water is expected Medium.
- 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.
- 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.

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Ground Water Survey Consultancy



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