GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 524 **Date:- 28-02-2022**

NAME OF SITE

Gram Panchayat- Reonae Dalae **BLOCK- Sahaswan** **DISTT- Badaun**

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun

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AGRA
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GROUND WATER SURVEY CONSULTANCY

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

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ISO : 9001 : 2015

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REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- REONAE DALAE, BLOCK- SAHASWAN, DISTT.- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 131 mt depth and logged depth 130 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Ba m

On the request of M/S PNC-SPML-JV, Bad Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 28.[illegible] 2022

Logging Para meters - Self potential, short [illegible] ng Normal (N-64), Lateral. Details of major equifer formations explored from l g of are le combined with the study of Strata Chart prepared from drill cuttings are giv n the f ow table:-

S.No.	Defth range(m)	Thickness(m)		Expected Water Quality
1.	0 - 5	5	S oil	
2.	5 - 18	13		
3.	18 - 30	12	ar	
4.	30 - 50*	20	n sand	Med. to Good
5.	50 - 63	13	ar	
6.	63 - 75*	12	nd	Med. to Good
7.	75 - 80	5	ar	
8.	80 - 108*	28	nd	Med. to Good
9.	108 - 115	7	ar	
10.	115 - 130*	15	nd	Med. to Good

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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.

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

4. Expected discharge is 1000 to 1100 L.P.M.

5. 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.

6. 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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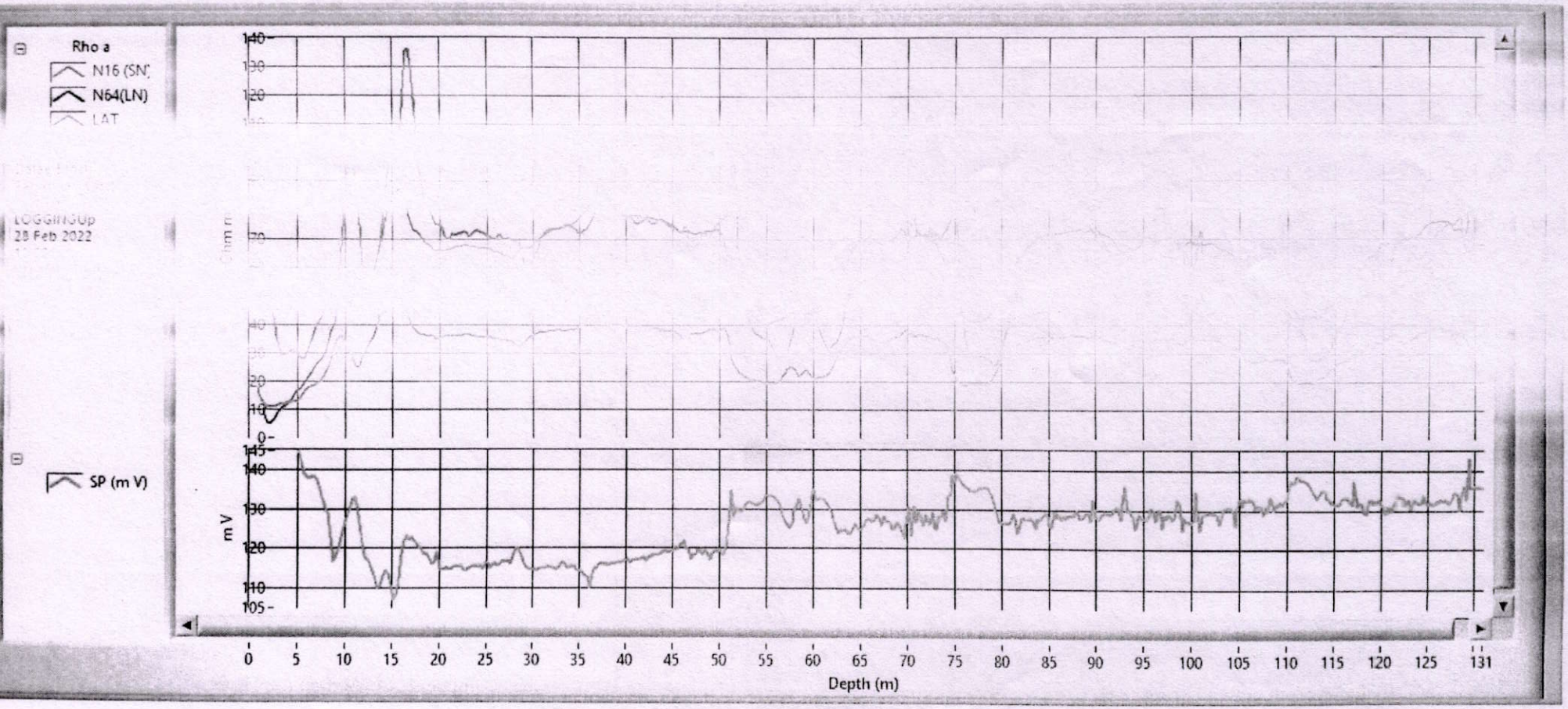

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