

GROUND WATER SURVEY CONSULTANCY  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT

Ref No:- 475

Date:- 03-07-2022

NAME OF SITE

Mahavee Trading Co.

Gram Panchayat- Rampur Tanda

BLOCK- Ambiapur

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV  
Badaun

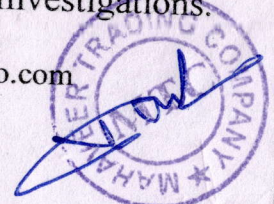
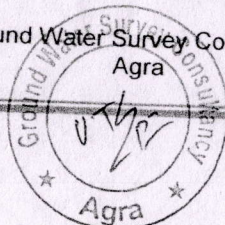


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ISO ; 9001 : 2015

Ground Water Survey Consultancy  
Agra



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- RAMPUR TANDA, BLOCK- AMBIAPUR  
DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 113 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

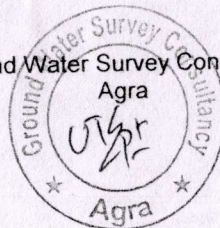
On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 03.July.2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major equifer 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 - 18	13	Dry sand	
3.	18 - 27	9	Clay kankar	
4.	27 - 44	17	Fine to Medium sand	Good
5.	44 - 50	6	Clay kankar	
6.	50 - 53*	3	Medium sand	Good
7.	53 - 63	10	Clay kankar	
8.	63 - 95*	32	Medium sand	Good
9.	95 - 105	10	Clay kankar	
10.	105 - 110*	5	Fine to Medium sand	Good

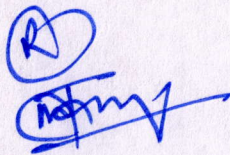


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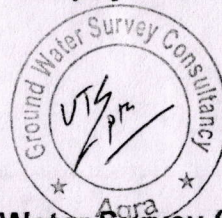


**Conclusions and Recommendations :-**

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. Expected discharge is 700 to 800 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.

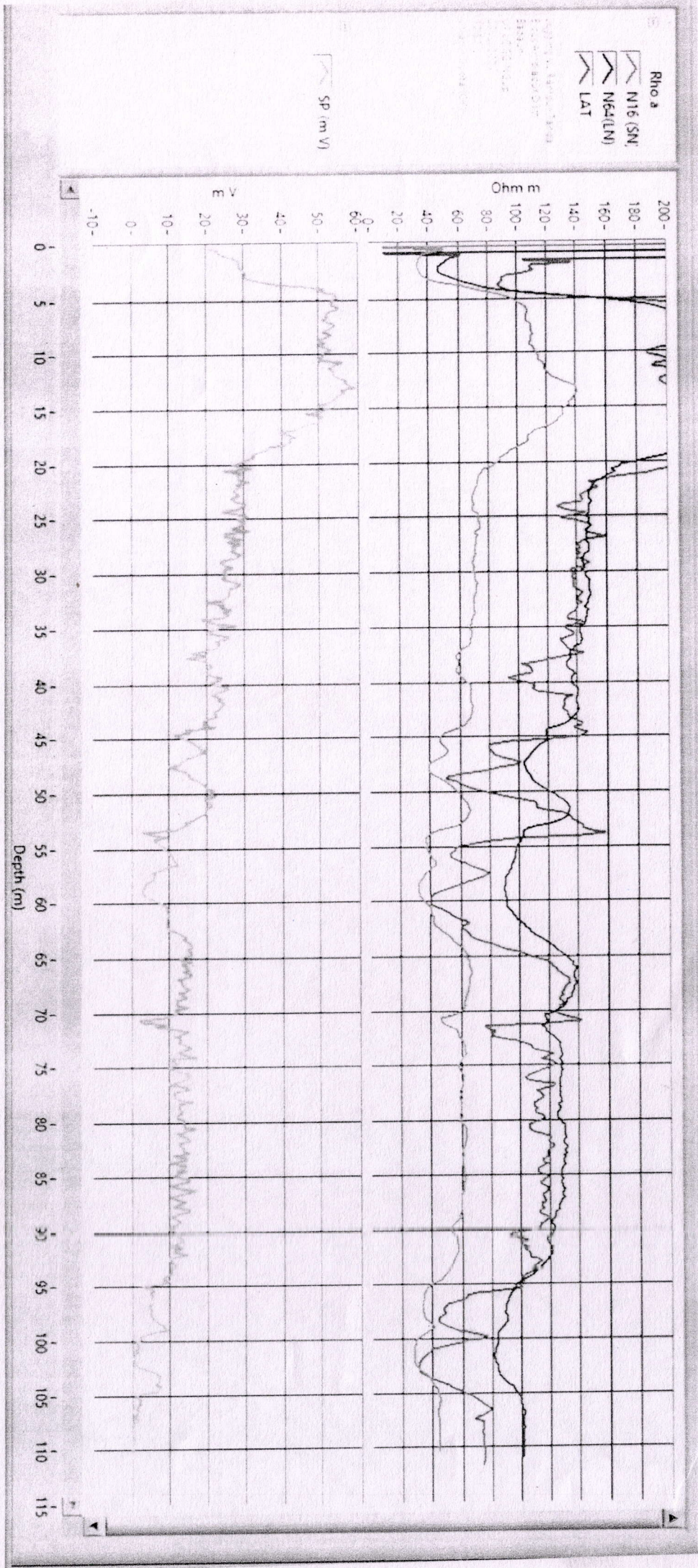


**Geophysicist**



**Ground Water Survey Consultancy**





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