

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 126

Date:- 23-04-2022

NAME OF SITE

Gram Panchayat- Nareli Mahura BLOCK- Jagat DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

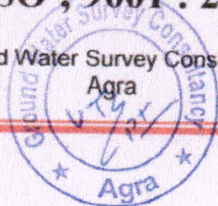
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

Ground Water Survey Consultancy



For Dhruv Tubewell Engineers

Dhruv
Partner

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NARELI MAHURA, BLOCK- JAGAT, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

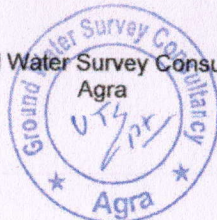
A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

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 23.Apr.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.	Defth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Dry sand	
3.	15 - 25	10	Clay kankar	
4.	25 - 33	8	Medium sand	Good
5.	33 - 35	2	Clay kankar	
6.	35 - 59*	24	Medium sand	Good
7.	59 - 67	8	Clay kankar	
8.	67 - 73*	6	Medium sand	Good
9.	73 - 77	4	Clay kankar	
10.	77 - 92*	15	Medium sand	Good
11.	92 - 102	10	Clay kankar	
12.	102 - 110	8	Medium sand	Good

Ground Water Survey Consultancy



For Dhruv Tubewell Engineers

Partner

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 Good.
4. Expected discharge is 800 to 1000 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.

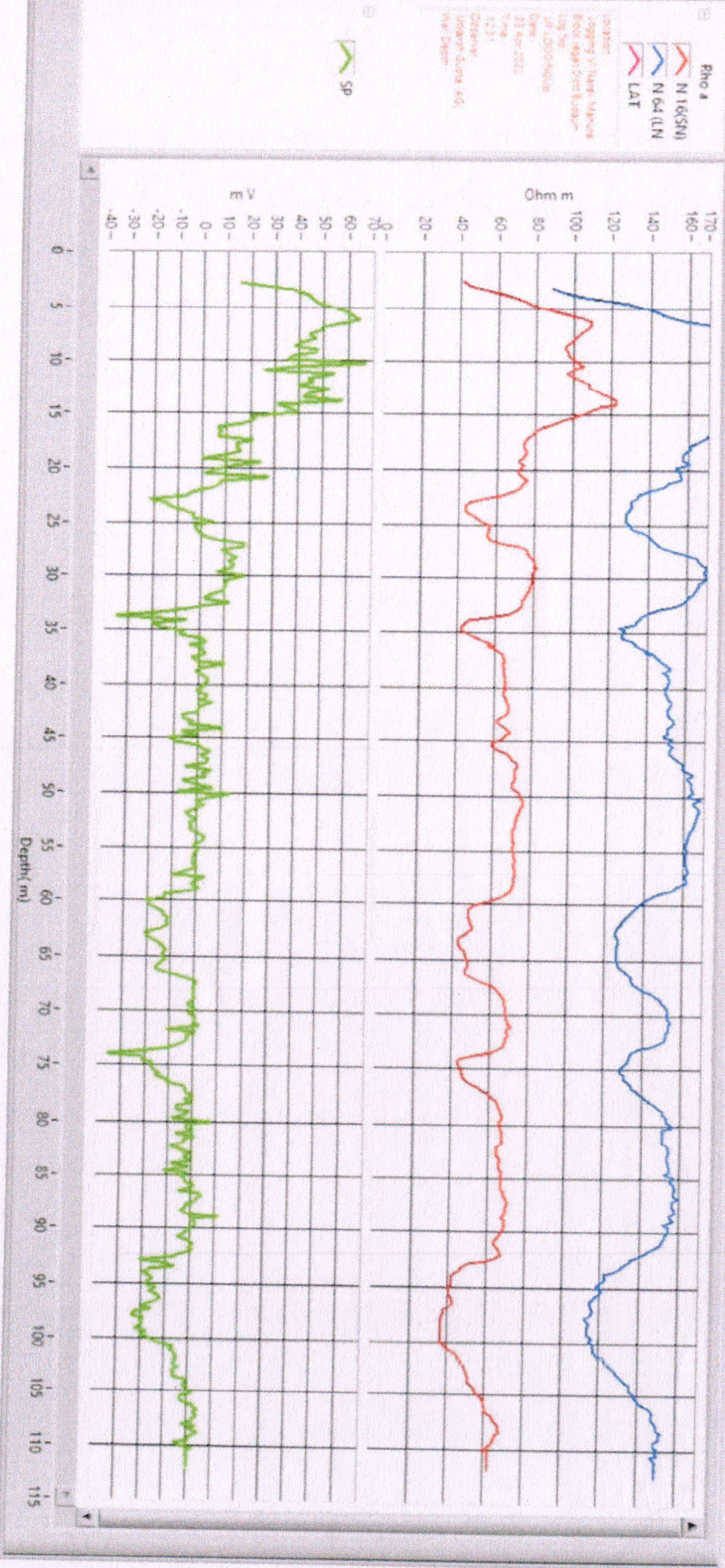
Geophysicist



Ground Water Survey Consultancy

For Dhruv Tubewell Engineers


Partner



For Dhruv Tubewell Engineers
Dhruv
 Partner