

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 654

Date:- 15-03-2022

NAME OF SITE

Gram Panchayat – Jakheli

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.

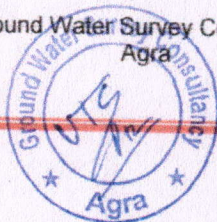
112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

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ISO ; 9001 : 2015

For Dhruv Tubewell Engineers

Ground Water Survey Consultancy
Agra



[Signature]
Partner

REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

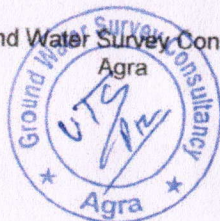
A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 119 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

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 15.Mar. 2022.

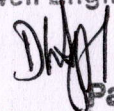
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 15	10	Clay kankar	
3.	15 - 20	5	Dry sand	
4.	20 - 35	15	Sandy clay	
5.	35 - 45	10	Medium sand	Good
6.	45 - 70	25	Clay kankar	
7.	70 - 94*	24	Medium sand	Good
8.	94 - 107	13	Clay kankar	
9.	107 - 119*	12	Medium sand	Good

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Conclusions and Recommendations :-

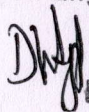
1. The Lithology broadly tallies with that of drill cutting strata chart.
2. The zones marked with asterisk (*) appear to be aquifer zones for possible development of tubewell.
3. The Quality of water is expected Good.
4. Expected discharge is 700 to 800 L.P.M.
5. It is recommended to have a chemical 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



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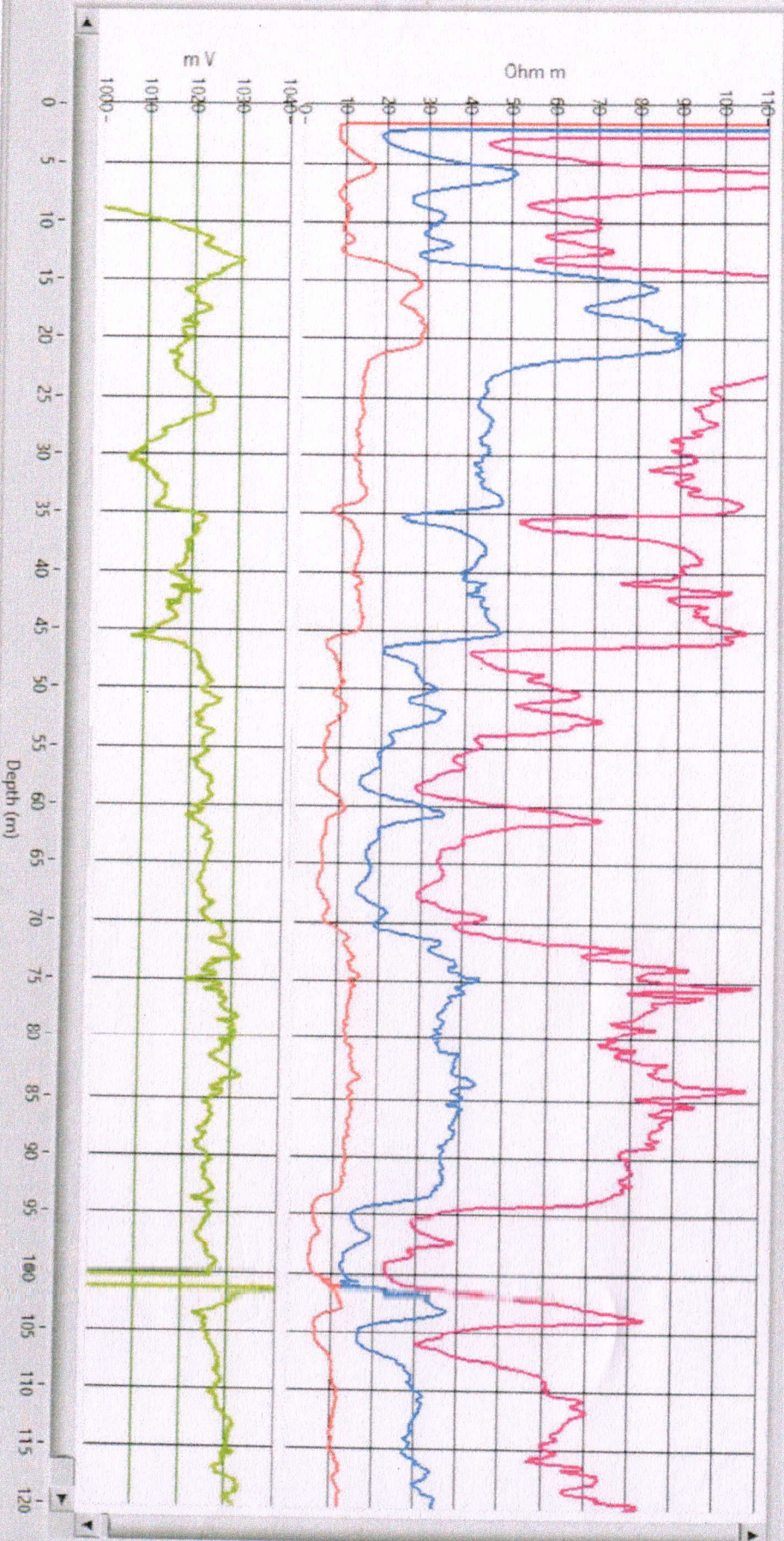
 **Partner**


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- NI6 (SN)
- NI6(LIN)
- LAT

Logging GP Jadhav
 Block Jagat Distt
 Budsun
 LOGGINGDOWN
 15 Mar 2022
 11:52
 Utkarsh Gupta (AG)

SP (mV)



For Dhruv Tubewell Engineers

 Partner