

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-B- 856

Date:- 09-06-2023

NAME OF SITE

GRAM PANCHAYAT- Munda Pukhta
BLOCK - Samrer
DISTT - Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun

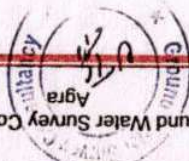


GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
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ISO : 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING
AT

**GRAM PANCHAYAT- MUNDA PUKHTA, BLOCK- SAMRER,
DISTT.- BADAUN
UNDER
JAL JIVAN MISSION**

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 130 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 09.June.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 - 15	10	Fine sand	
3.	15 - 20	5	Clay kanakar	
4.	20 - 40	20	Fine to Medium sand	Good
5.	40 - 45	5	Clay kanakar	
6.	45 - 56*	11	Medium sand	Good
7.	56 - 72	16	Clay kanakar	
8.	72 - 83*	11	Medium sand	Good
9.	83 - 85	2	Clay kanakar	
10.	85 - 105*	20	Medium sand	Good
11.	105 - 110	5	Clay kanakar	
12.	110 - 125*	15	Medium sand	Good
13.	125 - 130	5	Clay kanakar	



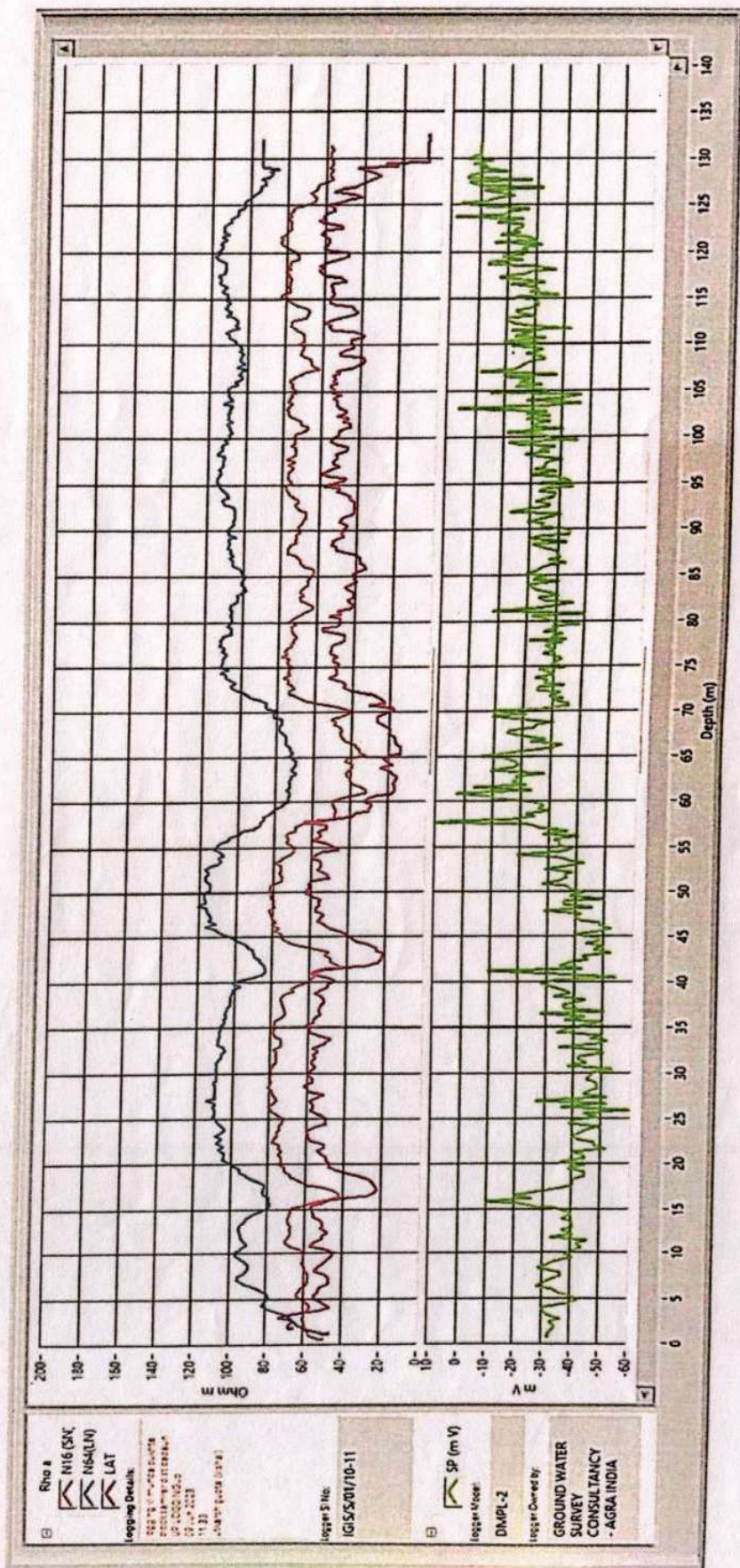
Conclusions and Recommendations :-

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. 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.
5. 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



Rho a
 M16 (SK)
 NS4(LM)
 LAT
 Logging Details:
 Log No. 10-11
 SP 2020/10-11
 11 11
 10-11-11

Logger's No.
 IG/S/01/10-11

SP (m V)
 Logger's No.
 DMPL-2
 Logger Owned by
 GROUND WATER
 SURVEY
 CONSULTANCY
 - AGRA INDIA

