

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:- 715

Date:- 31-08-2022

NAME OF SITE

GRAM PANCHAYAT- Nababpur Bhor
DISTT- Amroha

BLOCK- Dhanauree

NAME OF AGENCY

M/s PNC-SPML-JV
Moradabad
22, CAMAC STREAT, BLOCK-A, 3rd FLOOR, KOLKATA-700016



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

Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- NABABPUR BHOR, BLOCK- DHANAUREE
DISTT- AMROHA
UNDER
JAL JIVAN MISSION

Introduction :

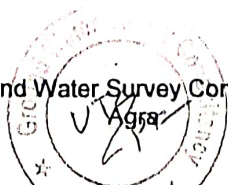
A Deep bore hole was drilled 135 mtrs. depth. and Logged depth 133 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Moradabad.

On the request of Mr. Pankaj Sinha, Sr. Projects Managar. a Geophysical well Logging in the above bore hole using IGIS Well Logger on 31.August.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 - 32	27	Clay kankar	
3.	32 - 45	13	Medium sand	Good
4.	45 - 50	5	Clay kankar	
5.	50 - 55	5	Fine sand	Good
6.	55 - 59	4	Clay kankar	
7.	59 - 65*	6	Medium sand	Good
8.	65 - 68	3	Clay kankar	
9.	68 - 85*	17	Medium sand	Good
10.	85 - 88	3	Clay kankar	
11.	88 - 106*	18	Medium sand	Good
12.	106 - 117	11	Clay kankar	
13.	117 - 128*	11	Medium sand	Good
14.	128 - 133	5	Clay kankar	

Ground Water Survey Consultancy



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 900 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

□

Rho a

- MI6 (SN)
- NS4(LN)
- LAT

Logging GP
 Mahabpur Bhoi
 Block: Dhanauree
 Distt: Amroha
 LOGGII/SUP
 31 Aug 2022
 15.27
 Ullasch Gupta (L.S)

□

SP (mV)

