

Grandah G-P w/o Scheme Under JSM Programme  
Block - Summer Distt - Budau

D - 130m (500 x 450) mm φ  
 L - 120m (200 x 150) mm φ

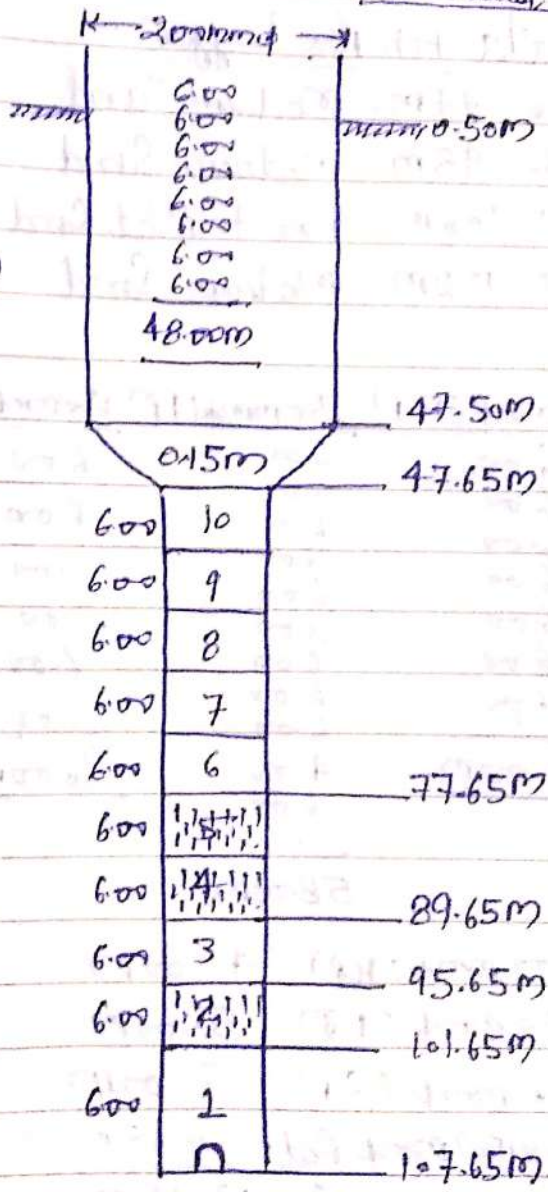
Dr - 0.8/0.1/2023  
 Discharge - 585 LPM  
 36m Head 10HP

Stala As Per Loggers -  
 37-67m - medium Sand  
 70-103m - medium Sand  
 114-127m - medium Sand

200 mm φ (HP)	150 mm φ (PP)	150 mm φ (SP)
6.00	6.00	6.00
6.00	6.00	
6.00	6.00	
6.00	6.00	
6.00	6.00	
6.00	6.00	
6.00	6.00	18.00m
6.00	6.00	
42.00m	6.00	
+ 6.00m	42.00m	
48.00m		

200 mm φ (HP) = 48.00m  
 150 mm φ (PP) = 42.00m  
 150 mm φ (SP) = 18.00m  
 (200 x 150) mm φ Red = 0.15m  
Total = 108.15m

A-G-L = 0.50m  
 B-G-L = 107.15m  
Total = 108.15m



**GROUND WATER SURVEY CONSULTANCY**  
**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

**GEO-PHYSICAL WELL**  
**ELECTROLOGGING REPORT**

Ref No:- 640

Date:- 07-01-2023

**NAME OF SITE**

Gram Panchayat- Gandha

BLOCK- Samrer

DISTT- Budaun

**NAME OF AGENCY**

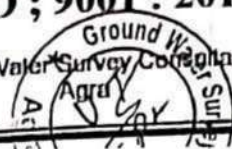
M/s PNC-SPML-JV  
Budaun



**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- GANDHA, BLOCK- SAMRER, DISTT - BUDAUN  
UNDER  
JAL JIVAN MISSION

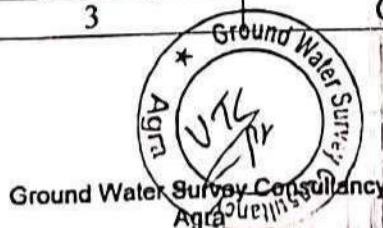
## Introduction :

A Deep bore hole was drilled 132 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 07.Jan.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 - 20	15	Medium sand	
3.	20 - 24	4	Clay kankar	
4.	24 - 31	7	Medium sand	Medium
5.	31 - 37	6	Clay kankar	
6.	37 - 67*	30	Medium sand & kankar	Medium
7.	67 - 70	3	Clay kankar	
8.	70 - 103*	33	Medium sand	Medium
9.	103 - 114	11	Clay kankar	
10.	114 - 127*	13	Medium sand	Medium
11.	127 - 130	3	Clay kankar	



**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 Medium.
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**



Sheet  
 1116 (SST)  
 1116 (M/L/T)  
 1116 (LAT)

SP (m V)

