

Galothi Gram Panchayat w/s Scheme Under JIM Programme  
Block - Dataganj Distt - Budaun

DT - 17/01/2023

Discharge - 334 LPM

36M Head 7.5MP

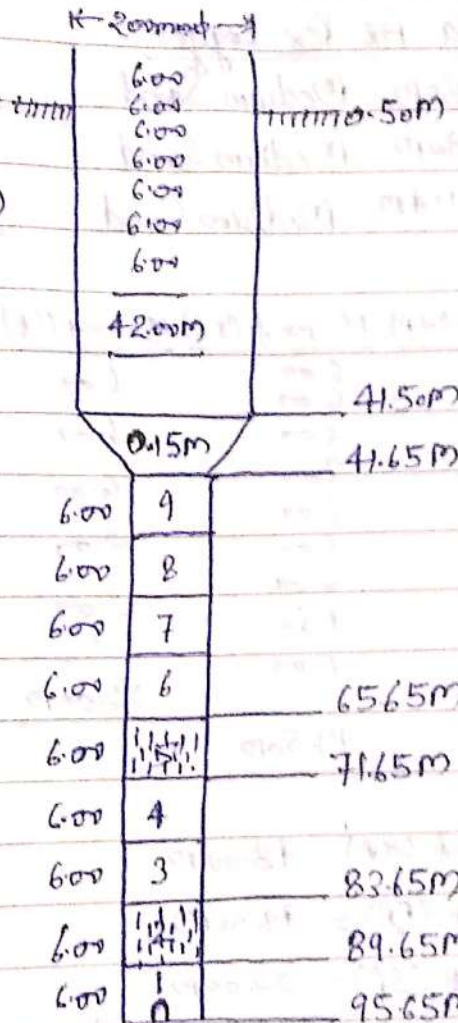
Strata As Per Logger -

40-48M - Medium Sand

62-92M - Medium Sand

200mmφ (H.P) 150mmφ (P.P) 150mmφ (S.P)

6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	12.00m
6.00	6.00	
6.00	6.00	
6.00	6.00	
42.00m	42.00m	



200mmφ (H.P) = 42.00m

150mmφ (P.P) = 42.00m

150mmφ (S.P) = 12.00m

(200x150)mmφ Red = 0.15m

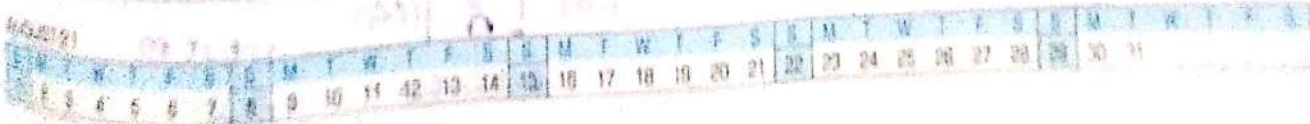
Total = 96.15m

A.G.L = 0.50m

B.G.L = 95.65m

Total = 96.15m

AUGUST  
SEPTEMBER  
OCTOBER  
NOVEMBER  
DECEMBER



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

**GEO-PHYSICAL WELL  
ELECTOLOGGING REPORT**

Ref No:-N-862

Date:- 16-01-2023

**NAME OF SITE**

Gram Panchayat- Galothi

BLOCK- Dataganj

DISTT- Budaun

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Badaun



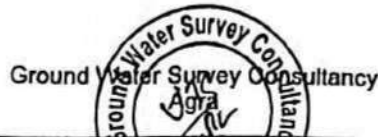
**GROUND WATER SURVEY CONSULTANCY**

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

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**ISO ; 9001 : 2015**



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GALOTHI, BLOCK- DATAGANJ, DISTT.- BUDAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 115 mtrs. depth. and Logged depth 113 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 conducted at above bore hole using IGIS Well Logger on 16.Jan.2023.

Logging Parameters - 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 - 18	13	Medium sand	
3.	18 - 22	4	Clay kankar	
4.	22 - 37	15	Medium sand	Good
5.	37 - 40	3	Clay kankar	
6.	40 - 48*	8	Medium sand	Good
7.	48 - 62	14	Clay kankar	
8.	62 - 92*	30	Medium sand	Good
9.	92 - 97	5	Clay kankar	
10.	97 - 113*	16	Medium sand	Good

**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**

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- N16 (SN)
- N54 (LN)
- LAT

DATE: 12/12/2011  
TIME: 10:30 AM  
PROJECT: GROUND WATER SURVEY  
SITE: AGRY  
WELL NO: 101  
WELL DEPTH: 115 M

SP (mV)

