

Gradwell Grp w/s Scheme Under JIM Programme  
Block-Samruv Distt-Budaur

D - 110m (500x500)mmφ  
 L - 100m (200x150)mmφ

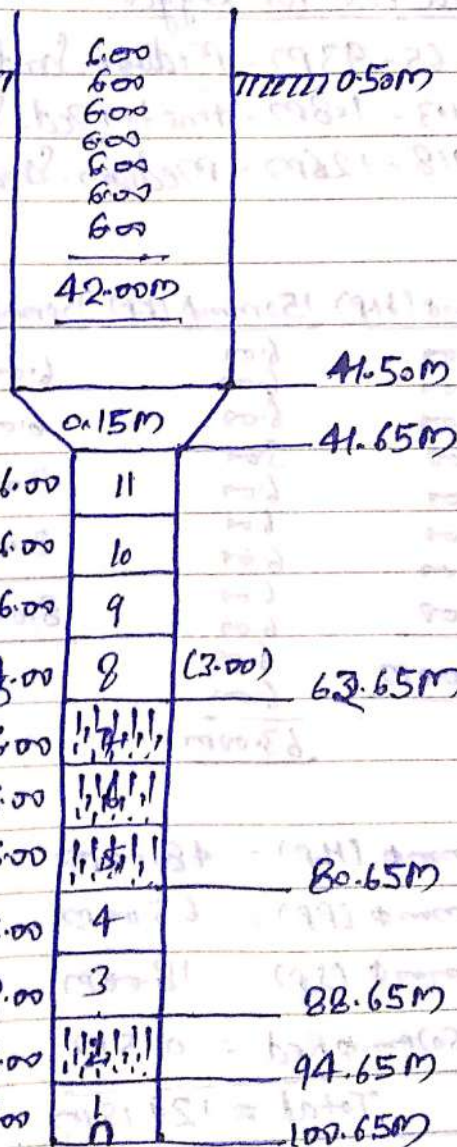
Date - 12/12/2022  
 Discharge - 500 LPM  
 40m Head 10HP

Strata As Per Loggs -

40 - 82m - medium Sand

87 - 110m - Medium Sand

← 200mmφ →



200mmφ (HP)	150mmφ (P.P)	150mmφ (S.P)
6.00	6.00	6.00
6.00	6.00	6.00
6.00	3.00	6.00
6.00	6.00	6.00
6.00	2.00	24.00m
6.00	6.00	
<u>42.00m</u>	<u>35.00m</u>	

200mmφ (HP) = 42.00m  
 150mmφ (P.P) = 35.00m  
 150mmφ (S.P) = 24.00m  
 (200x150)mmφ Red = 0.15m

Total = 101.15m

A.b.L = 0.50m

B.b.L = 100.65m

Total = 101.15m

← 150mmφ →

*[Handwritten signature]*



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

**GEO-PHYSICAL WELL  
ELECTOLOGGING REPORT**

Ref No:- 289

Date:- 10-12-2022

**NAME OF SITE**

Gram Panchayat- Gadroli

BLOCK- Samrer

DISTT- Budaun

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Budaun



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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy  
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# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GADROLI, BLOCK- SAMRER, DISTT- BUDAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

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

On the request of M/S PNC-SPML-JV, Budaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 10.Dec.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.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 22	17	Sandy clay	
3.	22 - 37	15	Medium sand	Medium
4.	37 - 40	3	Clay kankar	
5.	40 - 82*	42	Medium sand	Medium
6.	82 - 87	5	Clay kankar	
7.	87 - 120	33	Medium sand	Medium

**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 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**

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