

21 May

Wk-21 141-224 Fri

Malokpur G.P. w/s Scheme Under JIM Programme  
 Block - Salaspur Distt - Budlaun

DB-12/05/23

D- 110m (500x500) mmφ

L- 100m (200x150) mmφ

Discharge - 350 LPM

36m Head 7.5HP

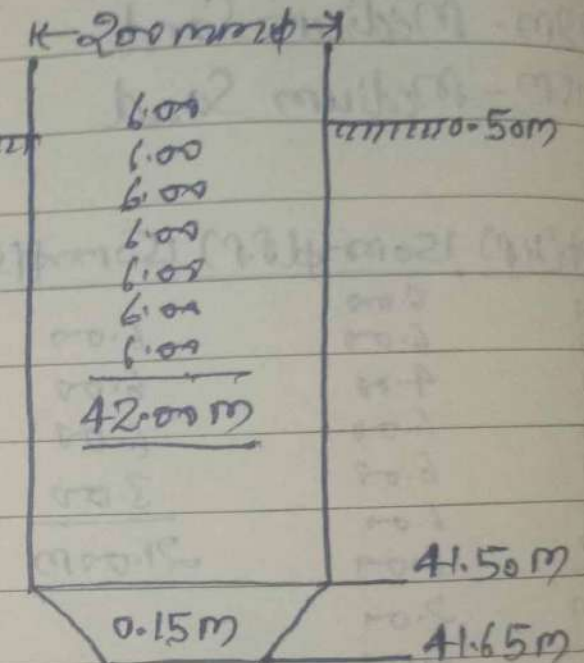
Strata As per Logger -

33.95m - Medium Sand

106-110m - Fine to med Sand

200mmφ (H.P) 150mmφ (C.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	6.00
6.00	3.00	18.00m
6.00	6.00	
6.00	1	
<u>42.00m</u>	<u>39.00m</u>	



6.00	10	
6.00	9	
6.00	8	
6.00	7	
6.00	6	
3.00	5	(C.G) 74.65m
6.00	4	
6.00	3	
6.00	2	
6.00	1	(C.G) 92.65m
		98.65m

200mmφ (H.P) = 42.00m

150mmφ (C.P) = 39.00m

150mmφ (S.P) = 18.00m

(200x150)mmφ Red = 0.15m

Total = 99.15m

A.G.L = 0.50m

B.G.L = 98.65m

Total = 99.15m

← 150mmφ →

GROUND WATER SURVEY CONSULTANCY  
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT

Ref No:-A-473

Date:- 11-05-2023

NAME OF SITE

GRAM PANCHAYAT- Malikpur

BLOCK- Salarpur

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV  
Badaun



GROUND WATER SURVEY CONSULTANCY  
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**ISO ; 9001 : 2015**

Ground Water Survey Consultancy  
Agra



# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MALIKPUR, BLOCK- SALARPUR, DISTT.- BADAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 11.May.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 - 14	9	Dry sand	
3.	14 - 20	6	Clay kankar	
4.	20 - 28	8	Medium sand	Medium
5.	28 - 33	5	Clay kankar	
6.	33 - 95*	62	Medium sand	Med to Good
7.	95 - 106	11	Clay kankar	
8.	106 - 110*	4	Fine to Medium sand	Med to Good

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**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 to 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**



Rno 2  
 N 165N  
 N 64 QN  
 LAT

LOGGING  
 COMPANY  
 11/11/2023  
 11/11/2023  
 11/11/2023  
 11/11/2023

Logger's No:  
 IGS/S/04/21-22

E  
 SP

Logger Name:  
 DAPL-2  
 Logger Contacted by:  
 GROUND WATER  
 SURVEY  
 CONSULTANCY  
 - AGRA/JINDIA

