

August 20

W-34 232-133 FH

Mexi Razor Mexi G.P. Use Under T.M. Programme  
Block - Saver Dist-Budaur

Dt-29/01/2023

D - 110m (500x500) rund  
 L - 100m (200x150) rund  
Discharge - 3171PM  
3811 Head 7.5 H.P

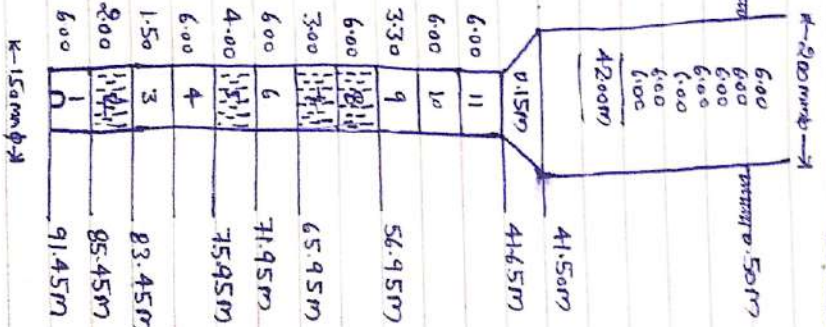
Strata As Per Loggers -

- 50-67m - Medium Sand
- 70-77m - fine to med. Sand
- 82-87m - Medium Sand

200mmφ (HP)	150mmφ (FP)	150mmφ (SP)	150mmφ (SP)	150mmφ (SP)
6.00	6.00	6.00	6.00	6.00
6.00	6.00	3.30	3.00	6.00
6.00	6.00	6.00	4.00	6.00
6.00	6.00	1.50	2.00	3.30
6.00	6.00	6.00	6.00	6.00
42.00m	34.80m	6.00	15.00m	6.00

200mmφ (HP) = 42.00m	6.00	6	71.95m
150mmφ (FP) = 34.80m	4.00	4	75.95m
150mmφ (SP) = 15.00m	6.00	3	83.45m
200x150mmφ Red = 0.15m	8.00	1	85.45m
<u>Total = 91.95m</u>	6.00	1	91.45m

A-G.L = 0.50m  
 B-G.L = 91.45m  
Total = 91.95m



SEPTEMBER    OCTOBER    NOVEMBER    DECEMBER

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

**GEO-PHYSICAL WELL  
ELECTROLOGGING REPORT**

Ref No:-A- 49

Date:- 28-01-2023

**NAME OF SITE**

Gram Panchayat- Bajar Meri

BLOCK- Samrer

DISTT- Budaun

**NAME OF AGENCY**

M/s PNC-SPML-JV  
Badaun



**GROUND WATER SURVEY CONSULTANCY**

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**ISO ; 9001 : 2015**

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# REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BAJAR MERI, BLOCK- SAMRER, DISTT.- BUDAUN  
UNDER  
JAL JIVAN MISSION

## Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 115 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 28.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 - 10	5	Fine sand	
3.	10 - 24	14	Clay kankar	
4.	24 - 36	12	Fine to Medium sand	Good
5.	36 - 50	14	Clay kankar	
6.	50 - 67*	17	Medium sand	Good
7.	67 - 70	3	Clay kankar	
8.	70 - 77*	7	Fine to Medium sand	Good
9.	77 - 82	5	Clay kankar	
10.	82 - 87*	5	Medium sand	Good
11.	87 - 95	8	Clay kankar	
12.	95 - 105*	10	Medium sand	Good
13.	105 - 115	10	Clay kankar	

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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 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**

Rho a  
 N16 (SN)  
 N64(LN)  
 LAT

Logging vi Bajar meil  
 block: sanver distt  
 budaur  
 LOGGILGdown  
 29 Jan 2023  
 22 19  
 utl arsh gupta  
 (arvnd)

SP (m V)

