

Sadulla Ganj G.P w/s Scheme Under JIM Programme
Block - Samser Distt - Budlaun

Dt - 05/02/2023

Discharge - 684 LPM
40m Head 12.5 HP

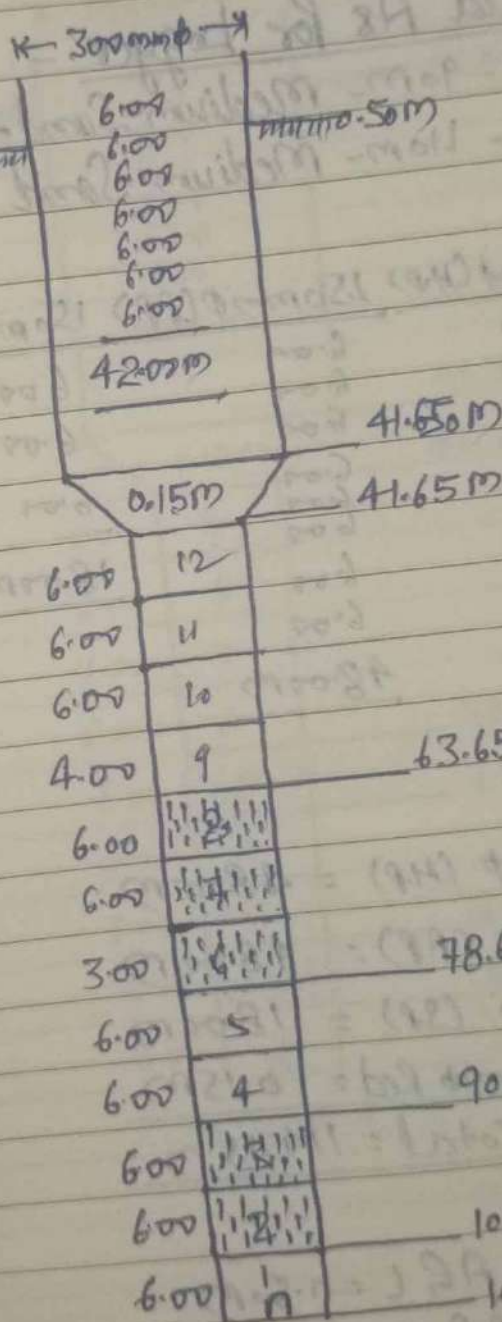
D - 130m (600 x 500) mmφ
L - 120m (300 x 150) mmφ

Wasta P&P for Loggers -

- 46-80m - Medium Sand
- 85-105m - Medium Sand
- 110-118m - Medium Sand

300mmφ (H.P) 150mmφ (P.P) 150mmφ (S.P)

6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	3.00
6.00	4.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	27.00m
42.00m	40.00m	



300mmφ (H.P) = 42.00m

150mmφ (P.P) = 40.00m

150mmφ (S.P) = 27.00m

(300x150) mmφ Red = 0.15m

Total = 109.15m

A. h.L = 0.50m

B. h.L = 108.65m

Total = 109.15m

← 150mmφ →

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-N-1087

Date:- 04-02-2023

NAME OF SITE

Gram Panchayat- Saddulaganj

BLOCK- Dataganj

DISTT- Budaun

NAME OF AGENCY

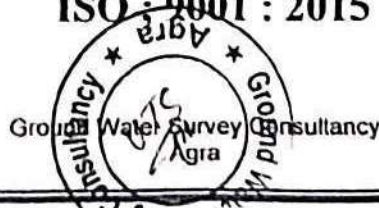
M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

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ISO : 9001 : 2015



REPORT ON GEOPHYSICAL WELL LOGGING AT

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

Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 127 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 04.Feb.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	Fine sand	
3.	18 - 25	7	Clay kankar	
4.	25 - 40	15	Medium sand	Medium
5.	40 - 46	6	Clay kankar	
6.	46 - 80*	34	Medium sand	Medium
7.	80 - 85	5	Clay kankar	
8.	85 - 105*	20	Medium sand	Medium
9.	105 - 110	5	Clay kankar	
10.	110 - 118*	8	Medium sand & kankar	Medium
11.	118 - 122	4	Clay kankar	
12.	122 - 127*	5	Medium sand	Medium



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.



Ground Water Survey Consultancy

Rho a
 N16 (SN)
 NS4(LN)
 LAT

Logging Details:
 01/01/2000
 01/01/2000
 01/01/2000
 01/01/2000
 01/01/2000
 01/01/2000

Logger's No
 IGIS/S/03/21-22

SP (m V)

Logger Model
 DMPL-2

Logger Owned by
 Ground Water Survey
 Consultancy - Agra
 India

