

Bhagautipur G.P w/s Scheme Under JIM Programme
Block - Dataganj Distt - Budaun

Dt - 25/02/23

D - 130m (500 x 450) mm φ

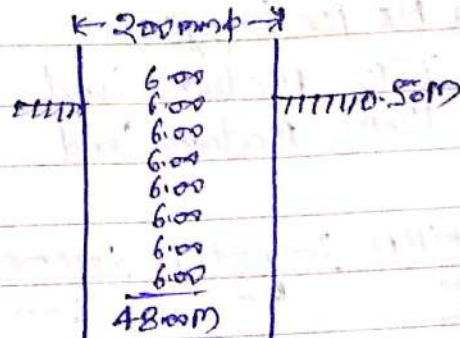
L - 120m (200 x 150) mm φ

Discharge - 540 LPM

40m Head 10HP

Strata As Per Logger -

- 40 - 68m - Medium Sand
- 70 - 80m - Medium Sand
- 90 - 99m - Medium Sand
- 105 - 121m - Medium Sand



200mm φ (H.P) 150mm φ (P.P) 150mm φ (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	6.00	6.00
6.00	6.00	6.00
6.00	2.00	1.00
6.00	6.00	24.00m
48.00m	3.00	
	6.00	
	47.00m	

6.00	13	47.50m
6.00	12	47.15m
6.00	11	59.65m
6.00	10	65.65m
6.00	9	71.65m
6.00	8	77.65m
6.00	7	
2.00	6	91.65m
6.00	5	97.65m
6.00	4	
3.00	3	106.65m
6.00	2	112.65m
6.00	1	118.65m

200 mm φ (H.P) = 48.00m

150 mm φ (P.P) = 47.00m

150 mm φ (S.P) = 24.00m

(200x150)mm φ Red = 0.15m

Total = 119.15m

A.G.L = 0.50m

B.G.L = 118.65m

Total = 119.15m

150mm φ

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:-N-1298

Date:- 24-02-2023

NAME OF SITE

Gram Panchayat- Bhagwatipur

BLOCK- Dataganj

DISTT- Badaun

NAME OF AGENCY

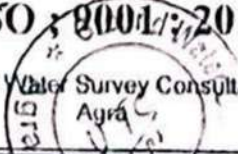
M/s PNC-SPML-JV
Badaun



Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.
112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006
(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO 9001:2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BHAGWATIPUR, BLOCK- DATAGANJ, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

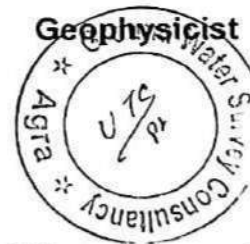
On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well Logging is conduct at above bore hole using IGIS Well Logger on 24.Feb.2023.

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 - 9	4	Dry sand	
3.	9 - 28	19	Sandy clay	
4.	28 - 30	2	Clay kankar	
5.	30 - 38	8	Medium sand	Medium
6.	38 - 40	2	Clay kankar	
7.	40 - 68*	28	Medium sand	Medium
8.	68 - 70	2	Clay kankar	
9.	70 - 80*	10	Medium sand	Medium
10.	80 - 90	10	Clay kankar	
11.	90 - 99*	9	Medium sand	Medium
12.	99 - 105	6	Clay kankar	
13.	105 - 121*	16	Medium sand	Medium
14.	121 - 123	2	Clay kankar	
15.	123 - 130	7	Sandy clay	

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.



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