

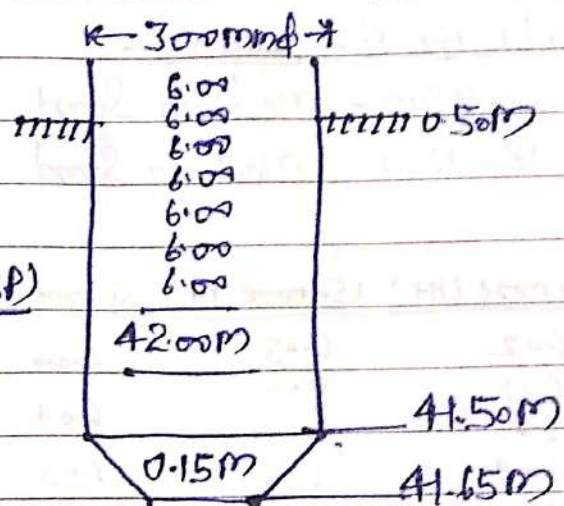
Gadgaon G.P w/s Scheme Under JJM Programme
Block - Bisauli Distt - Budavn

Dt - 18/11/2022

D - 120m (600x500)mmφ
 L - 110m (300x150)mmφ

Discharge - 500 LPM
 38M Head 10HP

- Strata As per Loggers -
- 65-75M - Medium Sand
 - 85-95M - Medium Sand
 - 102-117M - Medium Sand



300mmφ (HP)	150mmφ (P.P)	150mmφ (SP)
6.00	6.00	6.00
6.00	6.00	1.35
6.00	6.00	6.00
6.00	1.50	1.85
6.00	6.00	2.80
6.00	6.00	
6.00	6.00	
6.00	3.50	
42.00m	5.00	18.00m
	51.50m	

6.00	15	
6.00	14	
6.00	13	
6.00	12	
1.00	11	66.65m
6.00	10	
1.35	9	74.85m (74.00m)
6.00	8	
6.00	7	86.00m
6.00	6	
1.85	5	93.85m
6.00	4	
3.50	3	103.35m
2.80	2	106.15m
5.00	1	111.15m

300mmφ (HP) = 42.00m
 150mmφ (P.P) = 51.50m
 150mmφ (SP) = 18.00m
 (300x150)mmφ Red = 0.15m
Total = 111.65m

A.G.L = 0.50m
 B.G.L = 111.15m
Total = 111.65m

APRIL 21											MAY											JUNE										
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S					

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GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTROLOGGING REPORT

Ref No:- 65

Date:- 15-11-2022

NAME OF SITE

Gram Panchayat- Gadgaon

BLOCK- Bisauli

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



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ISO ; 9001 : 2015

Ground Water Survey Consultancy

Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- GADGAON, BLOCK- BISAULI, DISTT.- BADAUN
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, 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 15.Nov.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 - 18	13	Dry sand	
3	18 - 25	7	Fine sand	
4	25 - 40	15	Clay kankar	
5	40 - 51*	11	Medium sand	Good
6	51 - 65	14	Clay kankar	
7	65 - 75*	10	Medium sand	Good
8	75 - 85	10	Clay kankar	
9	85 - 95*	10	Medium sand	Good
10	95 - 102	7	Clay kankar	
11	102 - 117*	15	Medium sand	Good
12	117 - 120	3	Clay kankar	

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 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

UTS
2/1/13

Ground Water Survey Consultancy

Fig. 2
 MESS
 NAGLHO
 LAT

SP (mV)

