

19 February

Wk-08 050-315 Fri

Gudhari G.P. w/s Scheme Under JIM Programme
Block - Ambiapur Distt - Budain Dt - 05/04/23

D - 140m (600 x 500) mmφ
L - 130m (300 x 200) mmφ

Discharge - 1300 LPM
36m Head - 25 HP

11 Strata As Per Loggers -

- 11 61 - 75m - Medium Sand
- 12 79 - 90m - Medium Sand
- 102 - 116m - Medium Sand

300mmφ (H.P) 200mmφ (P.P) 200mmφ (S.P)

1	6.00	6.00	6.00	42.00m	
2	6.00	6.00	5.00		41.50m
3	6.00	3.00	6.00		41.65m
4	6.00	6.00	2.00		
5	6.00	1.00	6.00	6.00	17
6	6.00	6.00	4.00	6.00	16
7	6.00	6.00	1.00	6.00	15
8	42.00m	6.00	1		

49.00m 30.00m 3.00 14 (C.G) 62.65m

300mmφ (H.P) = 42.00m 5.00 13 73.65m

200mmφ (P.P) = 49.00m 6.00 11 80.65m

200mmφ (S.P) = 30.00m 1.00 10 (C.G) 88.65m

(300 x 200) mmφ Red = 0.15m 6.00 9 103.65m

Total = 121.15m 2.00 8 114.65m

AGL = 0.50m 6.00 7 120.65m

B.G.L = 120.65m 3.00 5 (C.G) 103.65m

Total = 121.15m 6.00 4 114.65m

FEBRUARY-21

S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

														4	5	6	7	8	9	10
														1.00	1.00	1.00	1.00	1.00	1.00	1.00

														6.00	6.00	6.00	6.00	6.00	6.00	6.00
														(C.G)	(C.G)	(C.G)	(C.G)	(C.G)	(C.G)	(C.G)

														114.65m	120.65m					
--	--	--	--	--	--	--	--	--	--	--	--	--	--	---------	---------	--	--	--	--	--

4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

Handwritten signature

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-A- 70

Date:- 04-04-2023

NAME OF SITE

GRAM PANCHAYAT- Gudhani

BLOCK- Ambiyapur

DISTT- Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

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- GUDHANI, BLOCK- AMBIYAPUR, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 140 mtrs. depth. and Logged depth 140 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 04.April.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	Clay	
3.	10 - 17	7	Dry sand	
4.	17 - 34	17	Fine sand	Medium
5.	34 - 40	6	Clay kankar	
6.	40 - 57*	17	Medium sand	Medium
7.	57 - 61	4	Clay kankar	
8.	61 - 75*	14	Medium sand	Medium
9.	75 - 79	4	Clay kankar	
10.	79 - 90*	11	Medium sand	Medium
11.	90 - 102	12	Clay kankar	
12.	102 - 116*	4	Medium sand	Medium
13.	116 - 126	10	Clay kankar	
14.	126 - 135*	9	Medium sand	Medium
15.	135 - 140	5	Clay kankar	

Ground Water Survey Consultancy



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.

Geophysicist



Ground Water Survey Consultancy

