

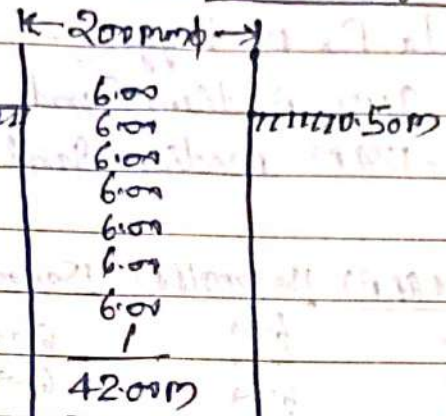
Sissauli G.P. w/s Scheme Under JIM Programme
Block-Ujhani Distt-Budaun

D - 110m (50x50) mmφ
 L - 100m (200x150) mmφ

DT-28/02/23
 Discharge--267 LPM
 3.6m Head 5 H.P

Strata As Per Logger -

- 62-73m - medium Sand
- 82-88m - medium Sand
- 94-108m - medium Sand



200mmφ (H.P)	150mmφ (P.P)	150mmφ (S.P)
6.00	6.00	6.00
6.00	6.00	
6.00	6.00	2.00
6.00	4.00	3.00
6.00	6.00	4.00
6.00	6.00	
6.00	6.00	15.00m
1	3.00	
42.00m	5.00	
	48.00m	

42.00m		
41.50m		
41.65m	0.15m	
	6.00	13
	6.00	12
	6.00	11
63.65m	4.00	10
	6.00	9
71.65m	2.00	8
	6.00	7
	6.00	6
83.65m	3.00	5
86.65m	6.00	4
	3.00	3
95.65m	4.00	2
99.65m	5.00	1
104.65m		

200 mmφ (H.P) = 42.00m

150 mm φ (P.P) = 48.00m

150 mm φ (S.P) = 15.00m

(200x150) mm φ Red = 0.15m

Total = 105.15m

A.G.L = 0.50m

B.G.L = 104.65m

K-150mmφ-d

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:-N-1377

Date:- 01-03-2023

NAME OF SITE

Gram Panchayat- Sarsoli

BLOCK- Ujhani

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
Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- SARSOLI, BLOCK- UJHANI, DISTT.- BADAUN
UNDER
JAL JIVAN MISSION

Introduction :

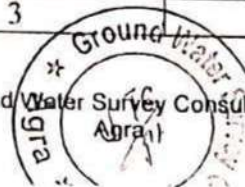
A Deep bore hole was drilled 120 mtrs. depth. and Logged depth 120 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

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 01.Mar.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	Sandy clay	
3.	10 - 15	5	Clay kankar	
4.	15 - 18	3	Dry sand	
5.	18 - 27	9	Clay kankar	
6.	27 - 41	14	Medium sand	Medium
7.	41 - 45	4	Clay kankar	
8.	45 - 48	3	Medium sand	Medium
9.	48 - 54	6	Clay kankar	
10.	54 - 57*	3	Medium sand	Medium
11.	57 - 62	5	Clay kankar	
12.	62 - 73*	11	Medium sand	Medium
13.	73 - 82	9	Clay kankar	
14.	82 - 88*	6	Medium sand	Medium
15.	88 - 94	6	Clay kankar	
16.	94 - 108*	14	Medium sand	Medium
17.	108 - 117	9	Clay kankar	
18.	117 - 120*	3	Medium sand	Medium

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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 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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Rho a
N16(SN)
NS4(LN)
LAT

Logging Details

LOG NO: 1302-020
DATE: 21/04/2022
TIME: 11:51
LAT: 23° 13' 11.51"

Logger: S. Nis
IGIS/S/04/21-22

SP (mV)

logger: DMP-L-2

logger: DMP-L-2
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