



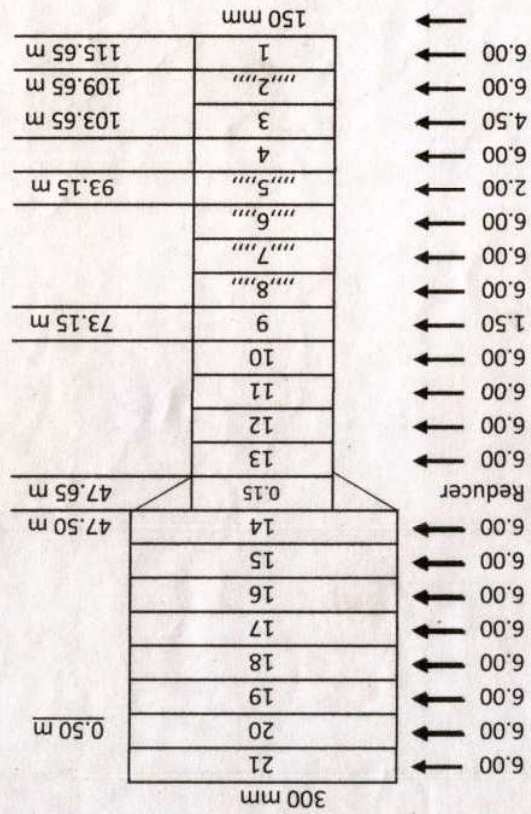
Jai Jeevan Mission
 GP - Saukhaura Block - Samrer District - Badaun
 AGENCY : M/S PNC SPML JV AGRA
 Tubewell Assembly Chart



Discharge-830 LPM
 40M Haed 15 HP

S.No.	In Meter	Starta
1	71 Mtr. - 95 Mtr.	Medium Sand
2	100 Mtr. - 112 Mtr.	Medium Sand

Date - 12/06/2023
 Drilling 600x450 mm 130 m
 Lowering 300x150 mm 120 m 116.15 m



- 1 Reduce 300 X 150 MM 0.15 m
- 2 AGL 0.50 m
- 3 BGL 115.65 m
- 4 Total Assembly lower 116.15 m
- 5 300 mm Plain MS Pipe 48.00 m
- 6 150 mm Plain MS Pipe 42.00 m
- 7 150 mm Slotted Pipe 26.00 m
- 8 Drilling Depth 130.00 m
- 9 Drilling logged 130.00 m

 PNC-SPML JV	 M/s BLC Construction Pvt. Ltd. TPIA	 JE AE (E&M) U P JAL NIGAM (RURAL) MORADABAD
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GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTROLOGGING REPORT**

Ref No:-B- 886

Date:- 11-06-2023

NAME OF SITE

GRAM PANCHAYAT-Sukhora BLOCK-Samer DISTT-Badaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badoun



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-SUKHORA, BLOCK-SAMRER, DISTT.-BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

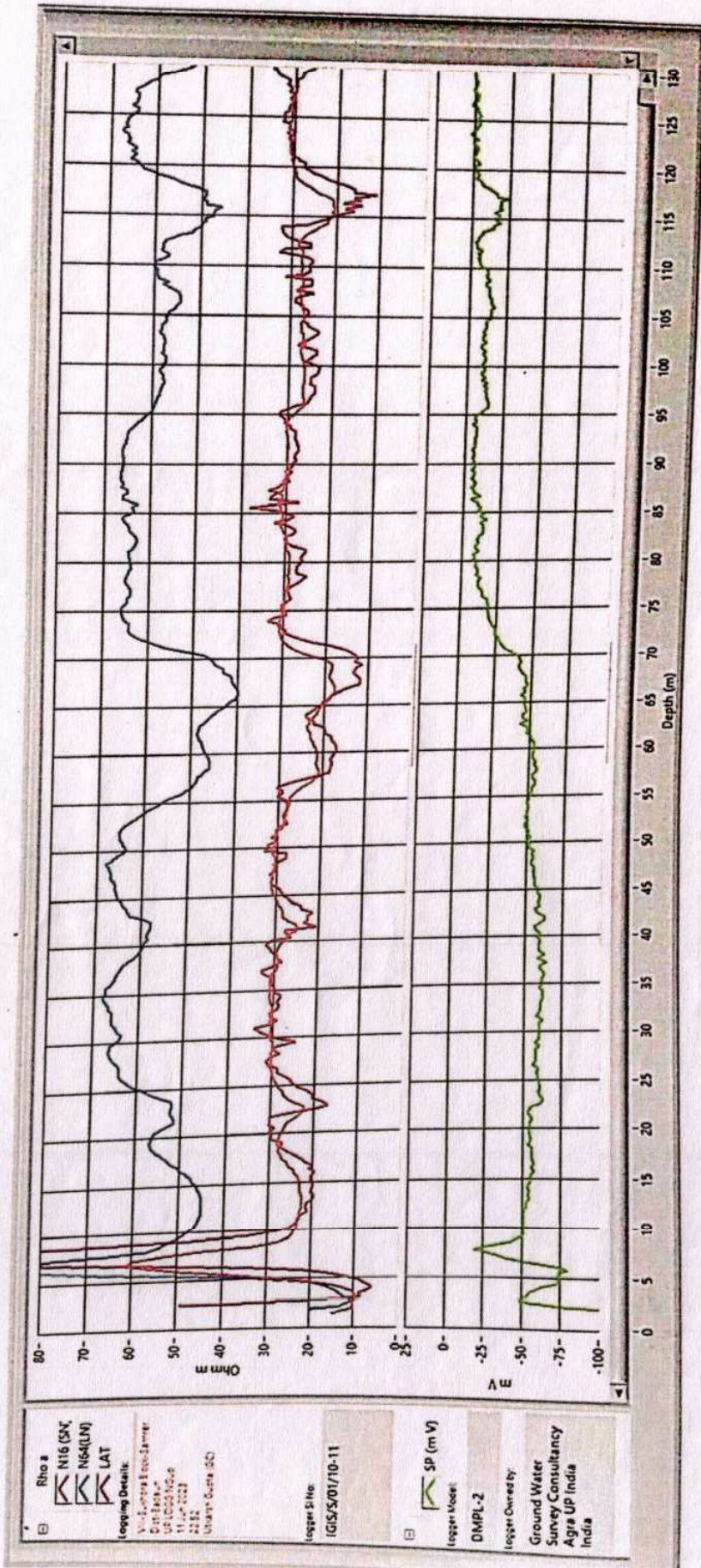
A Deep bore hole was drilled 130 mtrs. depth. and Logged depth 130 mtrs. at above site. Was drilled by M/S PNC-SPML-JV, Badaun.

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 11.June.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	Dry sand	
3.	10 - 16	6	Clay kankar	
4.	16 - 21	5	Fine sand	
5.	21 - 25	4	Clay kankar	
6.	25 - 38	13	Fine to Medium sand	Good
7.	38 - 44	6	Clay kankar	
8.	44 - 55*	11	Fine to Medium sand	Good
9.	55 - 60	5	Clay kankar	
10.	60 - 65	5	Fine sand	
11.	65 - 71	6	Clay kankar	Good
12.	71 - 95*	24	Medium sand	Good
13.	95 - 100	5	Kankar	
14.	100 - 112*	12	Medium sand & kankar	Good
15.	112 - 119	7	Clay kankar	
16.	119 - 128*	9	Medium sand	Good
17.	128 - 130	2	Clay kankar	





Rho a
 N16 (SN)
 N64(LV)
 LAT

Logging Details:
 V - Jyoti Sankar Jaiswal
 Date: 28/01/11
 US 1002 NS-6
 11.02.11
 2332
 Station: Ganga (S)

Logger Site No:
 IGIS/01/10-11

SP (m V)
 DMPL-2

Logger Owned by:
 Ground Water
 Survey Consultancy
 Agra UP India
 India



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 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

Ground Water Survey Consultancy



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GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

Ref No. Date. 11-06-2023

GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

DETAIL OF WATER BEARING ZONES

Name Of Agency - M/s. Badam
 Village - Subhara
 District - Badam
 Block - Samra
 Drilling Depth - 130 mtr.
 Logging Depth - 130 mtr.
 Water Level - 15 mtr.



S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0-5	Surface soil	
2	5-10	Dry sand	
3	10-16	clay konkar	
4	16-21	fine sand	
5	21-25	clay konkar	
6	25-38	fine to med. sand	hard
7	38-44	clay konkar	
8	44-55*	fine to med. sand	hard
9	55-60	clay konkar	
10	60-65	fine sand	hard
11	65-71	clay konkar	
12	71-95*	medium sand	hard
13	95-100	konkar	
14	100-112*	medium sand & konkar	hard
15	112-119	clay konkar	
16	119-128*	medium sand	hard
17	128-130	clay konkar	
18			
19			
20			
21			
22			
23			

* Expected Water Bearing Zone
 For Ground Water Survey Consultancy

Geophysicist
 M/s. P.H.

Specializations In

Electric Well Logging, Geophysical Survey, Resistivity Survey, Rainwater Harvesting,
 Construction of Recharge Well, Rectification of Tubewells, Ground Water Investigations

[Signature]

Total = 116.15m

8.7.7 = 115.65m

A.7.7 = 0.50m

Total = 116.15m

(300 x 150) m² m² head = 0.15m

150 m² m² (5.0) = 26.00m

150 m² m² (8.0) = 42.00m

300 m² m² (4.0) = 48.00m

115.65m

109.65m

103.65m

93.15m

73.15m

47.15m

47.50m

48.00m

6.00

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(18.5)

(19.5)

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(22.5)

(23.5)

(24.5)

(25.5)

(26.5)

Apn head 15HF

Exchange - 830LPM

21-12/06/23

Sukhawa G.I user Under TSM programme
Block-Career North Kuduun

P-170m (600x450)m²

L-120m (500x150)m²

100 - 112m - Medium Sand

71 - 95m - Medium Sand

Sta. Hs for Logger -

300 m² (4.0) 150 m² (8.0)

6.00

6.00

6.00

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6.00