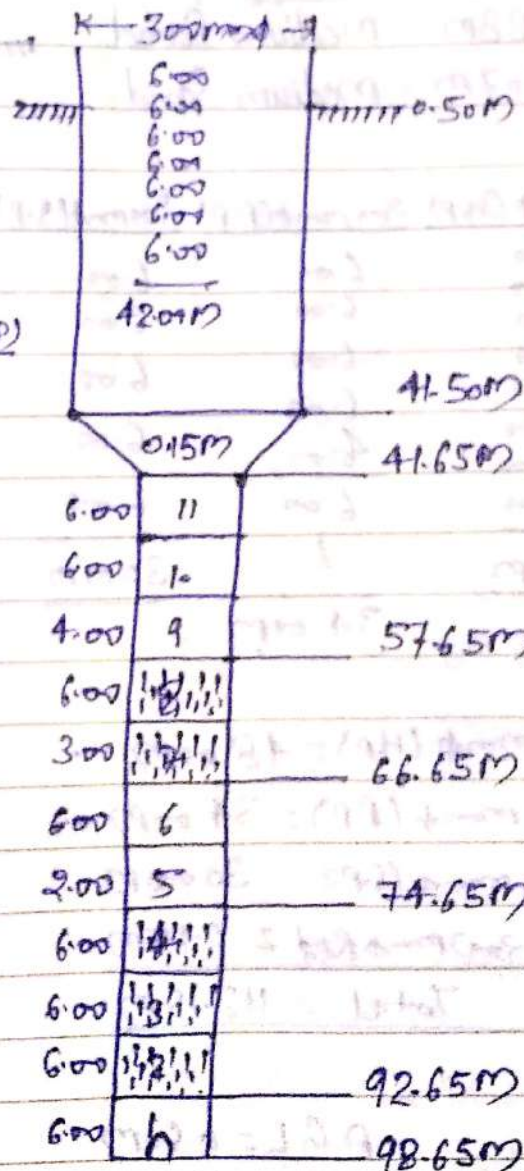


Chanjari G.P w/ Scheme Under JIM Programme
Block-Wazirganj Distt-Budaun

Stata As Per Logger - D-120m (600x150)mm φ Dt - 02/12/2022
 L-110m (300x150)mm φ Discharge - 584 LPM
 40m Head 125HP

- 50-68m - Medium Sand
- 72-95m - Medium Sand
- 102-105m - fine sand
- 110-115m - fine sand

300mm φ (HP)	150mm φ (PP)	150mm φ (S.P)
6.00	6.00	6.00
6.00	6.00	3.00
6.00	4.00	6.00
6.00	6.00	6.00
6.00	2.00	6.00
6.00	6.00	27.00m
6.00		
<u>42.00m</u>	<u>30.00m</u>	



300mm φ (HP) = 42.00m
 150mm φ (P.P) = 30.00m
 150mm φ (S.P) = 27.00m
 (300x150)mm φ Red = 0.15m
Total = 99.15m

A-b.L = 0.50m
 B-b.L = 98.65m
Total = 99.15m

[Signature]

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTOLOGGING REPORT

Ref No:- 193

Date:- 01-12-2022

NAME OF SITE

Gram Panchayat- Chinjari

BLOCK- Wazirganj

DISTT- Budaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

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ISO ; 9001 : 2015

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Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- CHINJARI, BLOCK- WAZIRGANJ, DISTT - BUDAUN
UNDER
JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 123 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.Dec.2022.

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 - 18	13	Dry sand	
3.	18 - 40	22	Fine to Medium sand	Medium
4.	40 - 50	10	Clay kankar	
5.	50 - 68*	18	Medium sand	Medium
6.	68 - 72	4	Clay kankar	
7.	72 - 95*	23	Medium sand	Medium
8.	95 - 102	7	Clay kankar	
9.	102 - 105	3	Fine to Medium sand	Medium
10.	105 - 110	5	Kankar	
11.	110 - 115	5	Fine sand	Medium
12.	115 - 120	5	Clay	

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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.

Geophysicist



Ground Water Survey Consultancy

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