

Kundali G.P w/s Scheme Under TJM Programme  
Block - Jagat Distt - Budain

Dt - 25/02/23

D - 130m (600 x 450) mm φ  
 L - 120m (300 x 150) mm φ

Discharge - 780 LPM  
 47m Head 15 H.P

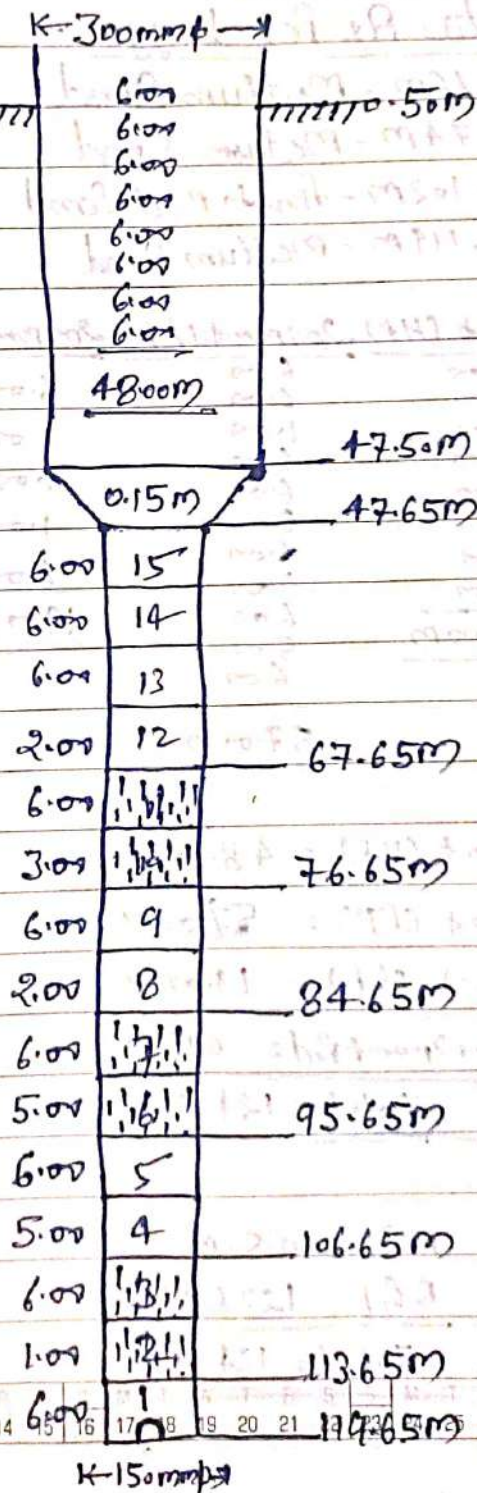
Strata As Per Logges -

- 66-78m - Medium Sand
- 83-97m - Medium Sand
- 105-115m - Medium Sand

300 mm φ (H.P)	150 mm φ (P.P)	150 mm φ (S.P)
6.00	6.00	6.00
6.00	6.00	3.00
6.00	6.00	6.00
6.00	2.00	5.00
6.00	6.00	6.00
6.00	2.00	6.00
6.00	6.00	1.00
6.00	5.00	
6.00	6.00	
<b>48.00m</b>	<b>45.00m</b>	<b>27.00m</b>

300 mm φ (H.P) = 48.00m  
 150 mm φ (P.P) = 45.00m  
 150 mm φ (S.P) = 27.00m  
 (300x150) mm φ Red = 0.15m  
Total = 120.15m

A.G.L = 0.50m  
 B.G.L = 119.65m



*[Handwritten Signature]*

**GROUND WATER SURVEY CONSULTANCY**  
**GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS**

**GEO-PHYSICAL WELL  
ELECTOLOGGING REPORT**

Ref No:-N-1295

Date:- 24-02-2023

**NAME OF SITE**

Gram Panchayat- Kundeli

BLOCK- Jagat

DISTT- Badaun

**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**

Ground Water Survey Consultancy  
Agra





# REPORT ON GEOPHYSICAL WELL LOGGING AT

## GRAM PANCHAYAT- KUNDELI, BLOCK- JAGAT, 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 24.Feb.2023.

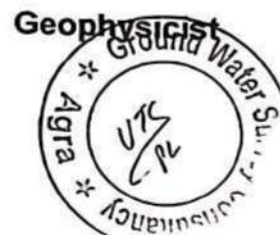
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Clay	
3.	8 - 22	14	Dry sand	
4.	22 - 30	8	Clay kankar	
5.	30 - 45	15	Medium sand	Med to Good
6.	45 - 49	4	Clay kankar	
7.	49 - 53*	4	Fine sand	Med to Good
8.	53 - 66	13	Clay kankar	
9.	66 - 78*	12	Medium sand	Med to Good
10.	78 - 83	5	Clay kankar	
11.	83 - 97*	14	Medium sand	Med to Good
12.	97 - 105	8	Clay kankar	
13.	105 - 115*	10	Medium sand	Med to Good
14.	115 - 130	15	Clay kankar	



**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 to 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.



**Ground Water Survey Consultancy**



Rhe a  
 N 165(N)  
 N 64 (N)  
 LAT

DATE: 12/12/2011  
 TIME: 10:30 AM  
 INSTRUMENT: DHP-L-2  
 OPERATOR: S. S. SINGH  
 PROJECT: GROUND WATER SURVEY

IGIS/5/03/21-22

SP  
 DHP-L-2  
 Ground Water Survey  
 Consultancy - Agra  
 India

