

Jhampur G.P. WSS Under TSM Programme
Block - Jagat Distt - Budah

DI - 29/01/2023

D - 120m (500x500) mm φ

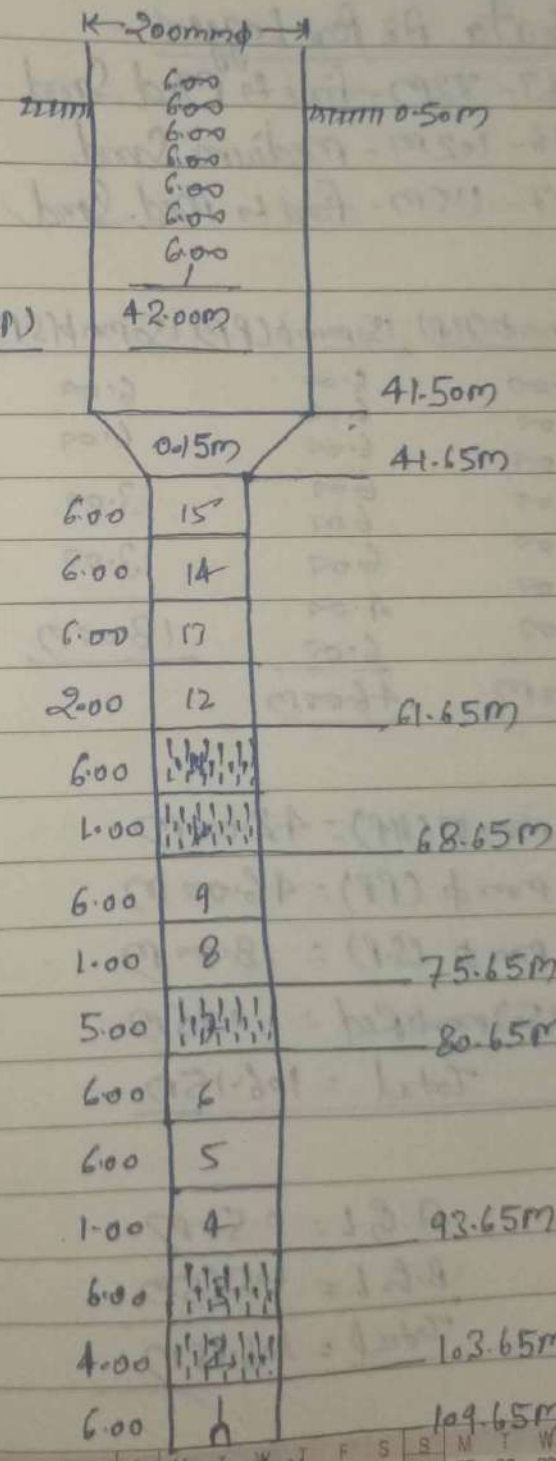
L - 110m (200x150) mm φ

Discharge - 534 LPM

38m Head 10 H.P

Strata As Per Logges -

- 61-70m - medium Sand
- 74-82m - medium Sand
- 92-106m - medium Sand



200mm φ (H.P) 150mm φ (P.P) 150mm φ (S.P)

6.00	6.00	6.00
6.00	6.00	1.00
6.00	6.00	5.00
6.00	2.00	6.00
6.00	6.00	4.00
6.00	1.00	22.00m
6.00	6.00	
1	6.00	
42.00m	100	
	6.00	
	46.00m	

200mm φ (H.P) = 42.00m

150mm φ (P.P) = 46.00m

150mm φ (S.P) = 22.00m

(200x150) mm φ Red = 0.15m

Total = 110.15m

A.B.L = 0.50m

B.B.L = 109.65m

Total = 110.15m

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

**GEO-PHYSICAL WELL
ELECTOLOGGING REPORT**

Ref No:-A- 58

Date:- 29-01-2023

NAME OF SITE

Gram Panchayat- Jhandpur

BLOCK- Jagat

DISTT- Budaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

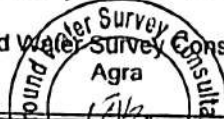
Electric Well Logging, Geophysical Resistivity Survey, Ground Water Investigations.

112 A-Shree Nagar Colony, Firozabad Road, Agra- 282006

(M) : 9412260823, 9794625420, 9761163000, Email : gwsc_agra@yahoo.com

ISO ; 9001 : 2015

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Agra



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- JHANDPUR, BLOCK- JAGAT, DISTT.- BUDAUN
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 29.Jan.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 - 18	13	Dry sand	
3.	18 - 22	4	Clay kankar	
4.	22 - 32	10	Fine to Medium sand	Good
5.	32 - 37	5	Clay kankar	
6.	37 - 46	9	Fine to Medium sand	Good
7.	46 - 61	15	Clay kankar	
8.	61 - 70*	9	Medium sand	Good
9.	70 - 74	4	Clay kankar	
10.	74 - 82*	8	Medium sand & kankar	Good
11.	82 - 92	10	Clay kankar	
12.	92 - 106*	14	Medium sand	Good
13.	106 - 114	8	Clay kankar	
14.	114 - 120*	6	Fine to Medium sand	Good

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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 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

logging vi Jhandpur
 block, Jagat distt
 budaur
 LO GILLIDOWN
 29 Jan 2023
 11:31
 ulhasish gupta
 (arindi)

Rho s
 N16 (SN)
 N64(LN)
 LAT

SP (mV)

