

Basaumi & Begam Nagar G.P. WSS Under JIM Programme
Block - Asappur Distt - Budann

Dt - 13/08/23

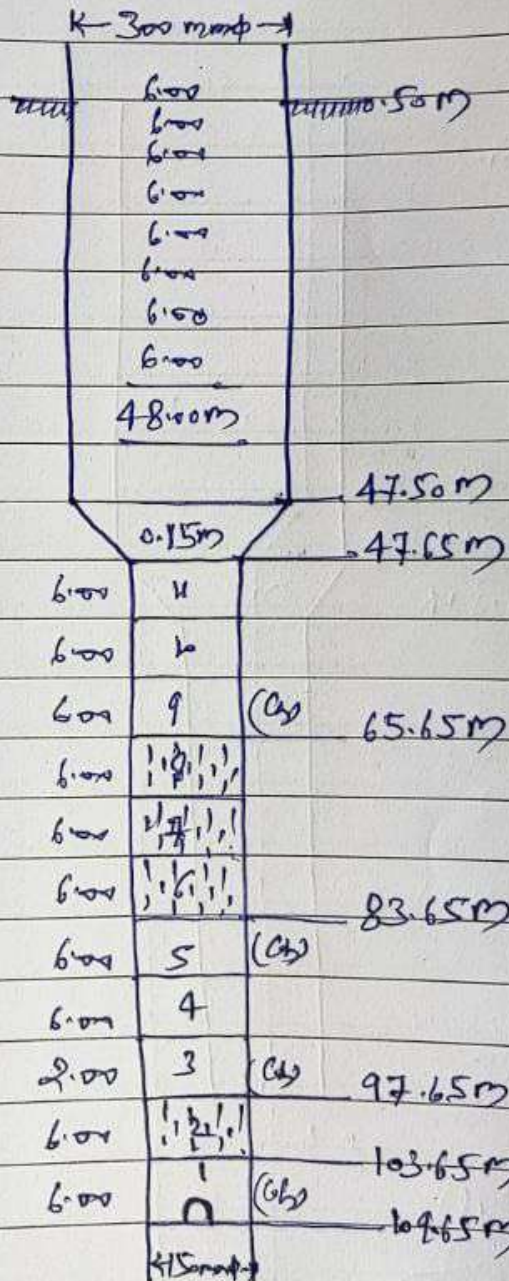
D - 180m (600x450) mmφ
 L - 120m (300x150) mmφ

Discharge - 700 LPM
 3m Head 12.5 HP

Soata As Per Logger -

55 - 81m - Medium Sand
 95 - 105m - Medium Sand

300 mmφ (H.P)	150 mmφ (P.P)	150 mmφ (S.P)
6.00	6.00	
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	2.00	6.00
6.00	6.00	24.00m
6.00	38.00m	
48.00m		



300 mmφ (H.P) = 48.00m
 150 mmφ (P.P) = 38.00m
 150 mmφ (S.P) = 24.00m
 (300x150) mmφ Red = 0.15m
 Total = 110.15m

A.L.L = 0.50m
 B.L.L = 109.65m
 Total = 110.15m

GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:-A-1374

Date:- 13-08-2023

NAME OF SITE

GRAM PANCHAYAT- Basaumi Begamnagar BLOCK-Asafpur DISTT- Badaun

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

Ground Water Survey Consultancy

Agra

U
X
V

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- BASAUMI BEGAMNAGAR, BLOCK- ASAFPUR, 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 13.Aug.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 - 15	10	Dry sand	
3.	15 - 27	12	Clay kankar	
4.	27 - 38	11	Medium sand	Medium
5.	38 - 42	4	Kankar	
6.	42 - 51*	9	Medium sand	Medium
7.	51 - 55	4	Clay kankar	
8.	55 - 89*	34	Medium sand	Medium
9.	89 - 95	6	Clay kankar	
10.	95 - 105*	10	Medium sand	Medium
11.	105 - 130	25	Clay kankar	

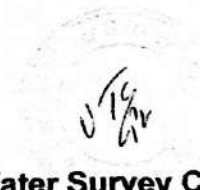
Ground Water Survey Consultancy
Agra



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

No. 2
 N16 (SW)
 M64(LN)
 LAT
 Logging Details:
 Log No. G-8113
 Date: 13.08.2023
 Time: 13.48.2023
 13.54
 Instrument: GE
 Logger Site:
 IGIS/SD/21-22
 Logger Model:
 DMPL-2
 Logger Oriented by:
 GROUND WATER
 SURVEY
 CONSULTANCY
 - AGRA INDIA

