

Maibuchan GiP wfs Scheme Under JTM Programme
Block - Jagat Distt - Rudauri

24/12/2022

Discharge - 500 LPM
36M Head 10 H.P

D - 120M (500x500)mm φ
L - 110M (200x150)mm φ

Strata As Per Logger -

- 61 - 70M - Medium Sand
- 75 - 85M - Medium Sand
- 90 - 104M - Medium Sand

Samples (HP) 150mm φ (FP) 150mm φ (SP)

1	600	600	600
1	600	600	600
1	600	600	600
1	600	300	600
2	600	600	300
2	600	300	21.00M
2	600	600	
2	600	600	
3	42.00M		
4		45.00M	

200mm φ (HP) = 42.00M

150mm φ (FP) = 45.00M

150mm φ (SP) = 21.00M

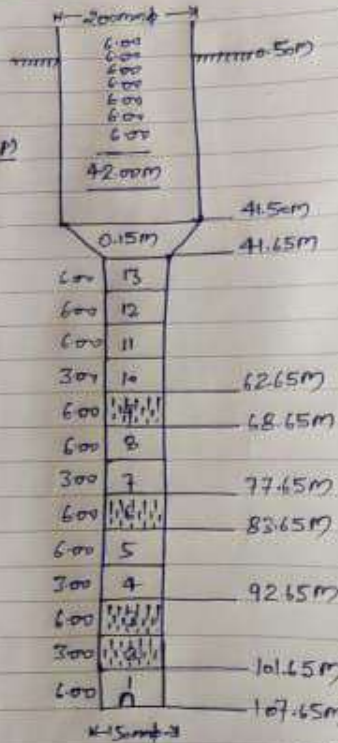
(200x150)mm φ Red = 0.15M

Total = 108.15M

A.G.L = 0.50M

B.G.L = 107.65M

Total = 108.15M



GROUND WATER SURVEY CONSULTANCY
GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL
ELECTOLOGGING REPORT

Ref No:- 441

Date:- 24-12-2022

NAME OF SITE

Gram Panchayat- Mai Bhoochan

BLOCK- Jagat

DISTT- Budaun

NAME OF AGENCY

M/s PNC-SPML-JV
Badaun



GROUND WATER SURVEY CONSULTANCY

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Ground Water Survey Consultancy

Agra

REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- MAI BHOCHAN, 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 24.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 - 34	16	Clay kankar	
4.	34 - 58*	24	Medium sand	Medium
5.	58 - 61	3	Clay kankar	
6.	61 - 70*	9	Medium sand	Medium
7.	70 - 75	5	Clay kankar	
8.	75 - 85*	10	Medium sand	Medium
9.	85 - 90	5	Clay kankar	
10.	90 - 104*	14	Medium sand	Medium
11.	104 - 120	16	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.
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

