

Kharkhauri Buzurg G.P w/s Scheme Under JIM Prog.
Block - Jagat Distt - Budaun

DT-28/12/2022

Discharge - 534 LPM

38M Head 10HP

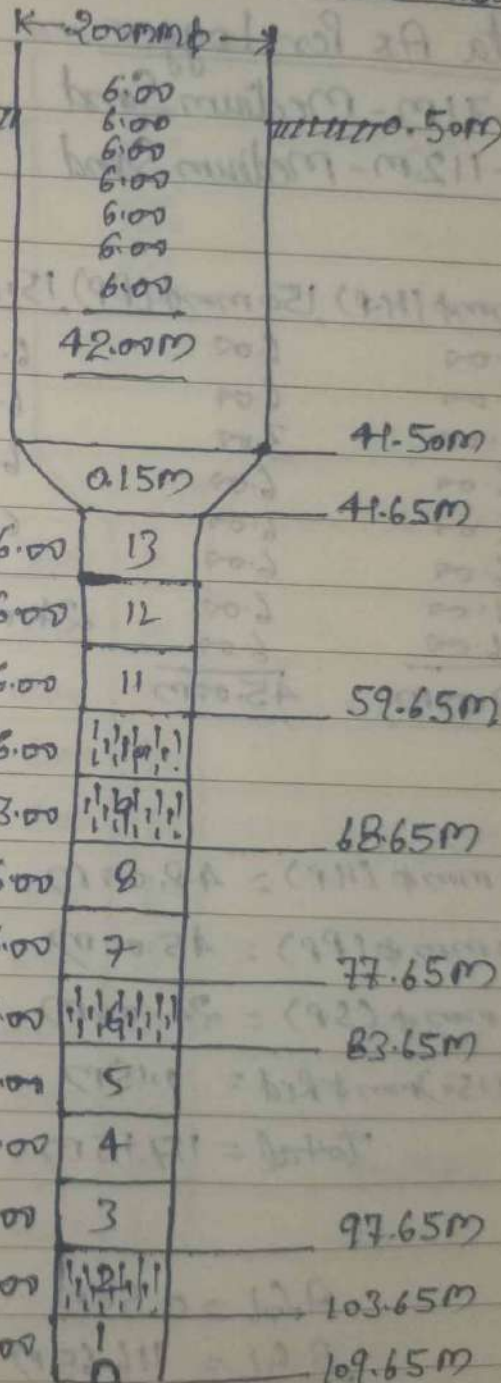
Strata As Per Logger -

- 57-70m - Medium Sand
- 75-86m - Medium Sand
- 96-105m - Medium Sand

D - 120m (500x500) mmφ
 L - 110m (200x150) mmφ

200mmφ (H.P) 150mmφ (P.P) 150mmφ (S.P)

6.00	6.00	6.00
6.00	6.00	3.00
6.00	6.00	6.00
6.00	6.00	6.00
6.00	3.00	6.00
6.00	6.00	21.00m
6.00	6.00	
42.00m	2.00	
	6.00	
	47.00m	



200mmφ (H.P) = 42.00m
 150mmφ (P.P) = 47.00m
 150mmφ (S.P) = 21.00m
 (200x150) mmφ Red = 0.15m
 Total = 110.15m

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

K-150mmφ

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 473

Date:- 27-12-2022

NAME OF SITE

Gram Panchayat- Kharkoli Bhujurg

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



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHARKOLI BHUJURG, 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 27.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 - 21	3	Fine sand	
4.	21 - 30	9	Clay kankar	
5.	30 - 47	17	Fine to Medium sand	Medium
6.	47 - 57	10	Clay	
7.	57 - 70*	13	Medium sand	Medium
8.	70 - 75	5	Clay kankar	
9.	75 - 86*	11	Medium sand	Medium
10.	86 - 96	10	Sandy clay	
11.	96 - 105*	9	Medium sand	Medium
12.	105 - 112	7	Clay kankar	
13.	112 - 120*	8	Fine to Medium sand	Medium

Ground Water Survey Consultancy



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

Rho a
 N 16(S/N)
 N 64 (LN)
 LAT

Location
 logging vi
 khartholigur
 blok, jagat duri
 badaya
 Legi Ho.
 LOGGERS/SDM
 Date 27 Dec 2022
 Time 13:30
 Observer
 utzarah ilaj
 Well Depth

SP

