

Kharkhauri Khurd G.P w/c Scheme Under TJM Programme
Block - Jagat Distt - Budauri

D - 120m (500x500) mmφ

L - 110m (200x150) mmφ

Dt - 18/01/2023

Discharge - 550 LPM

39M Head 10 H.P

Strata As Per Logger -

63-70m - Medium Sand

74-87m - Medium Sand

115-120m - Medium Sand

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

6.00	6.00	5.00
6.00	6.00	
6.00	6.00	
6.00	4.35	5.00
6.00	6.00	
6.00	6.00	16.00m
6.00		
<u>42.00m</u>	<u>34.35m</u>	

200mmφ (H.P) = 42.00m

150mmφ (P.P) = 34.35m

150mmφ (S.P) = 16.00m

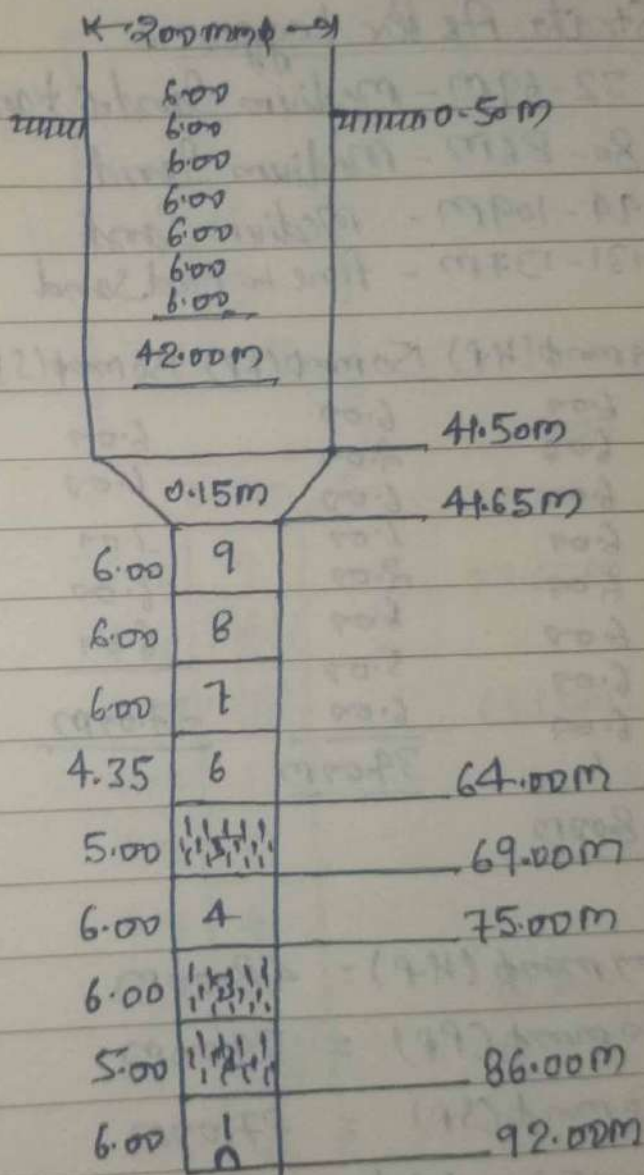
(200x150)mmφ Red = 0.15m

Total = 92.50m

A.G.L = 0.50m

B.G.L = 92.00m

Total = 92.50m



← 150mmφ →

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 773

Date:- 15-01-2023

NAME OF SITE

Gram Panchayat- Kharkoli Khurd

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.

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ISO : 9001 : 2015

Ground Water Survey Consultancy



REPORT ON GEOPHYSICAL WELL LOGGING AT

GRAM PANCHAYAT- KHARKOLI KHURD, 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 15.Jan.2023.

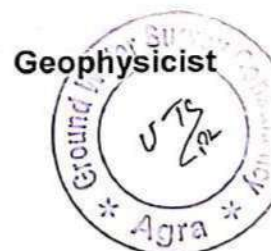
Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral. Details of major aquifer formations explored from logging of bore hole combined with the study of Strata Chart prepared from drill cuttings are given in the following table:-

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 - 24	6	Fine to Medium sand	
4.	24 - 30	6	Clay kankar	
5.	30 - 47*	17	Medium sand	Good
6.	47 - 63	24	Clay kankar	
7.	63 - 70*	7	Medium sand	Good
8.	70 - 74	4	Clay kankar	
9.	74 - 87*	13	Medium sand	Good
10.	87 - 115	28	Clay kankar	
11.	115 - 120*	5	Medium sand	Good



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.



Ground Water Survey Consultancy

Rho a
 NI6 (SN)
 NS4(LH)
 LAT

Logging Details
 Logging V. O. Gupta, O.P.S.
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 Sector-10, Gurgaon, Haryana
 122001
 01226 412222
 01226 412223
 Company Name: ()

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SP (m V)

Log No: DMPL-2

Log Done by:
 Ground Water Survey
 Consultancy - Agra
 India

