

Karaulia Cr-P w/s Scheme Under JIM Programme
Block - Jagat Distt - Budaur

DT - 18/12/2022

Strata As Per Logger →
 D - 110m (500x500) mmφ
 L - 100m (200x150) mmφ

Discharge - 450 LPM
38m Head 10 H.P

62-88m - Medium Sand
 99-110m - Medium Sand

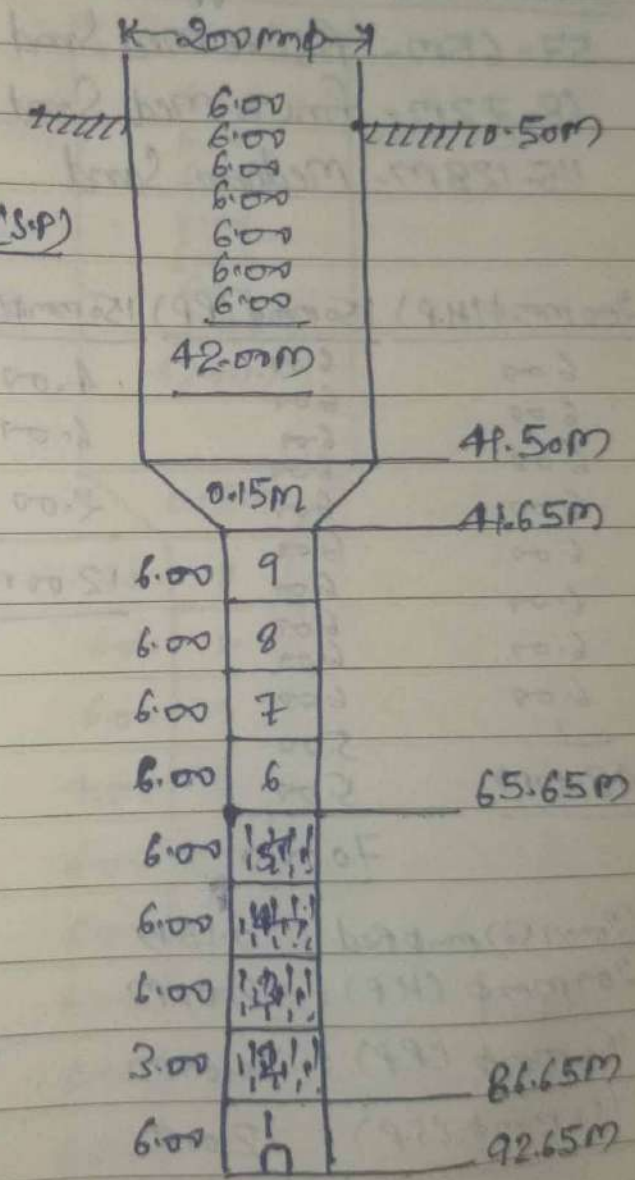
200mmφ (H.P) 150mmφ (P.P) 150mmφ (S.P)

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	3.00
6.00	6.00	21.00m
6.00	30.00m	

42.00m

- 200mmφ (H.P) = 42.00m
- 150mmφ (P.P) = 30.00m
- 150mmφ (S.P) = 21.00m
- (200x150) mmφ Red = 0.15m
- Total = 93.15m

A.G.L = 0.50m
 B.G.L = 92.65m
Total = 93.15m



← 150mmφ →

[Signature]

GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

GEO-PHYSICAL WELL ELECTROLOGGING REPORT

Ref No:- 360

Date:- 17-12-2022

NAME OF SITE

Gram Panchayat- Karulia

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- KARULIA, BLOCK- JAGAT, DISTT.- BUDAUN UNDER JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 110 mtrs. depth. and Logged depth 110 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 17.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:-

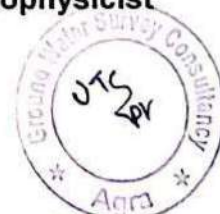
S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 22	17	Dry sand	
3.	22 - 29	7	Clay kankar	
4.	29 - 45*	16	Medium sand	Good
5.	45 - 62	17	Clay kankar	
6.	62 - 88*	26	Medium sand	Good
7.	88 - 99	11	Clay kankar	
8.	99 - 110*	11	Medium sand & kankar	Good



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 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
 N16(SN)
 N64(LN)
 LAT
 logging v1 karulla
 block: jagat distt
 badyu
 LOGGITICUP
 17 Dec 2022
 17:58
 utl:arsh

SP (m V)

