



# GROUND WATER SURVEY CONSULTANCY

GEOLOGISTS, GEOPHYSICISTS & TUBEWELL ENGINEERS

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Ref No. B-2380

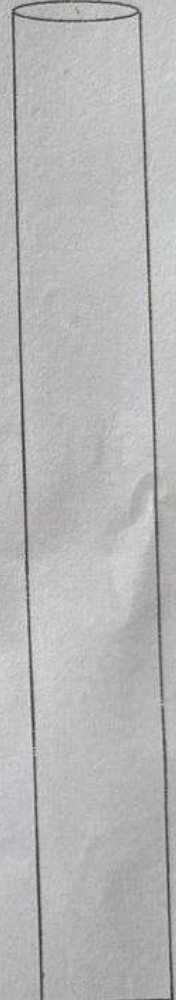
Date 19-11-2023

## GEOPHYSICAL ELECTRICAL WELL LOGGING FIELD REPORT

### DETAIL OF WATER BEARING ZONES

Name Of Agency - Vishwas Environment Manish Si  
 Village - Pakhadiya Mangali Block - Bisalpur  
 District - Bilibhit Logging Depth - 150 mtr.  
 Drilling Depth - 150 mtr. Water Level - 5 mtr.

S.No	Depth in Mtr.	Lithology	Expected Water Quality
1	0 - 5	Surface Soil	
2	5 - 11	clay Kankar	
3	11 - 15	Fine sand	
4	15 - 18	clay Kankar	
5	18 - 21	Fine sand	med. to Good
6	21 - 30	clay Kankar	
7	30 - 40	medium sand	med. to Good
8	40 - 53	clay Kankar	
9	53 - 72*	medium sand	med. to Good
10	72 - 90	clay Kankar	
11	90 - 97*	Fine to med. sand	med. to Good
12	97 - 105	clay Kankar	
13	105 - 130*	medium sand & Kankar	med. to Good
14	130 - 136	clay Kankar	
15	136 - 142*	Fine to med. sand	med. to Good
16	142 - 150	clay Kankar	
17			
18			
19			
20			
21			
22			
23			



\* Expected Water Bearing Zone

For Ground Water Survey Consultancy

*Vijay*  
 Geophysicist

### Specializations In

Electric Well Logging, Geophysical Survey, Resistivity Survey, Rainwater Harvesting, Construction of Recharge Well, Rectification of Tubewells, Ground Water Investigations.

20/11/2023

D/L 150/140m

17

SUNDAY  
JULY  
WK 29 • DAY 198-167

D (600 X 500) mmφ  
L (300 X 200) mmφ

M	T	W	T	F	S
				1	2
4	5	6	7	8	9
11	12	13	14	15	16
18	19	20	21	22	23
25	26	27	28	29	30

AUG			M	T
			1	2
			8	9
			15	16
			22	23
			29	30

Pakswia Mengli + 2 other goampanchayat w.s.s. :-  
Block - Bisalpur (Pili Bhit)  
Discharge - 870 LPM (40m Head)  
Pump - 11.0 KW

Strata as per logges:-

- 12 53-72: Med sand
- 90-97: fine to med sand
- 1 105-130: Med sand & kankar
- 136-142: fine to med sand

300mmφ (H.P) 200mmφ (P.P) 200mmφ (S.P)

4	6.00	6.00	6.00
	6.00	6.00	6.00
5	6.00	6.00	6.00
	6.00	6.00	6.00
	6.00	6.00	3.00
6	6.00	6.00	33.00
	6.00	6.00	
	<u>42.00m</u>	<u>59.00 m</u>	

300 mmφ (H.P) = 42.00m

200 mmφ (P.P) = 59.00

200 mmφ (S.P) = 33.00m

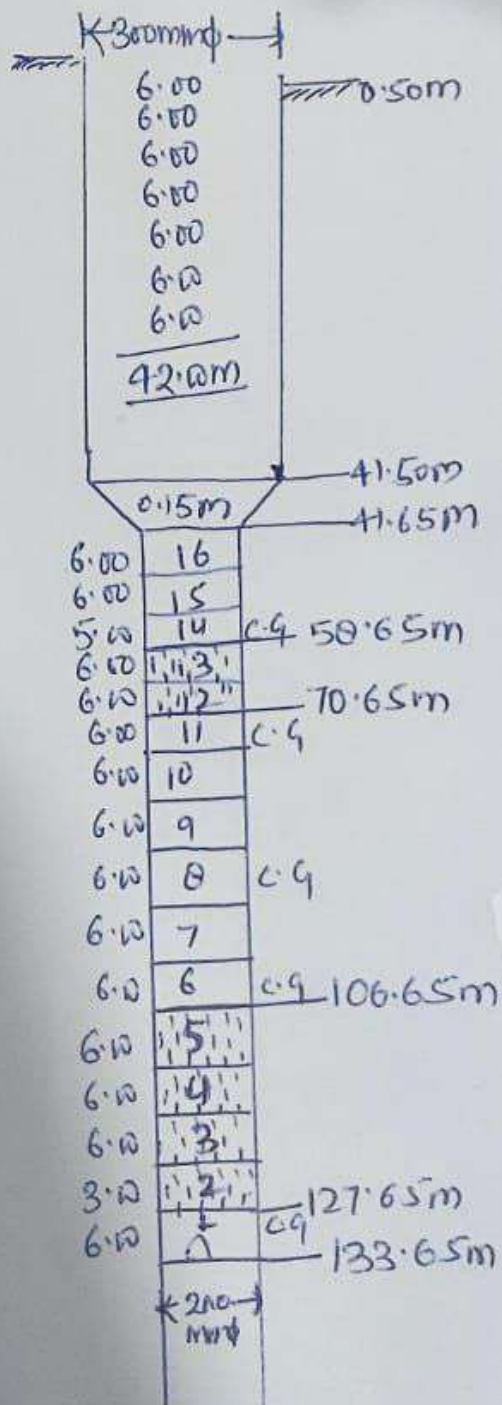
(300x200) mmφ Red = 0.15m

Total = 134.15m

A.G.L = 0.150m

B.G.L = 133.65m

2022 Total = 134.15m



As body can not exist without blood, faith cannot exist without Strength