



# GLOBAL GROUND WATER CONSULTANTS

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Ms. Pande

Amesw

## GEOPHYSICAL ELECTRICAL LOGGING REPORT AT

Tubewell No. : .....

Date : 18.10.2023

Village : Butradi

Block :

District : Shamli, U.P.

Depth in Metres	Expected Litholog	Expected Water Quality
0-3m	Subsace Soil	
3-12	clay	
12-26	Medium Sand	
26-46 <sup>o</sup>	Medium Sand	Good
46-50 <sup>o</sup>	Fine Sand	Good
50-102 <sup>o</sup>	Medium Sand	Good
102-108 <sup>o</sup>	Fine Sand	Good
108-125	Sandy clay	
125-129 <sup>o</sup>	Fine Sand	Good
129-132	clay	
132-135 <sup>o</sup>	Medium Sand	Good
135-143	Sandy clay	
143-152 <sup>o</sup>	Fine Sand	Good
152-157 <sup>o</sup>	Medium Sand	Good
157-164	clay	
164-167 <sup>o</sup>	Medium Sand	Good
167-170	clay	

For Global Groundwater Consultants

⊗ EXPECTED WATER ZONE

▼ WATER LEVEL : 2.6 METRES

*M. Ravi Kanth*  
M. RAVI KANTH  
18/10/2023

Consulting Geologists, Geophysists & Ground Water Specialists

Butradi  
shamli

Crayabri - Ramli

Mrs. Pande

Location

Date: 18/10/2023

GGWC

Aman

Depth in m	SP	SN in Ohms		In Feet	Depth in m	SP	SN in Ohms		In Feet
0				0.0	41	43	5.2		134.5
1				3.3	42	49	5.4		137.8
2				6.6	43	56	6.6		141.0
3	31			9.8	44	54	6.8	ms	144.3
4	36	6.5		13.1	45	59	7.1		147.6
5	38	4.1		16.4	46	61	7.7		150.9
6	39	3.8		19.7	47	64	4.2		154.2
7	41	3.1		23.0	48	62	3.7	F>	157.4
8	42	2.3	cy	26.2	49	61	5.2		160.7
9	43	3.4		29.5	50	64	6.3		164.0
10	44	3.8		32.8	51	62	8.4		167.3
11	42	4.1		36.1	52	61	8.6		170.6
12	40	6.2		39.4	53	66	8.7		173.8
13	39	6.0		42.6	54	64	8.9		177.1
14	36	7.0		45.9	55	69	8.9		180.4
15	38	9.6		49.2	56	71	8.8		183.7
16	39	10.7		52.5	57	74	6.6		187.0
17	41	12.6	ms	55.8	58	72	6.4		190.2
18	44	22.1		59.0	59	71	6.0		193.5
19	42	26.4		62.3	60	70	5.4		196.8
20	41	25.9		65.6	61	76	7.6		200.1
21	46	22.1		68.9	62	74	7.2		203.4
22	44	13.3		72.2	63	72	9.8		206.6
23	42	14.6		75.4	64	71	9.9		209.9
24	41	4.8		78.7	65	78	10.4		213.2
25	41	4.2		82.0	66	79	10.3		216.5
26	42	3.5		85.3	67	72	10.1		219.8
27	46	4.6		88.6	68	71	10.0		223.0
28	44	9.8		91.8	69	76	10.1	ms	226.3
29	42	9.4		95.1	70	77	10.0		229.6
30	41	8.7		98.4	71	81	10.0		232.9
31	46	8.6		101.7	72	84	9.9		236.2
32	44	8.3		105.0	73	82	8.6		239.4
33	42	8.4		108.2	74	85	8.4		242.7
34	41	8.8		111.5	75	86	9.6		246.0
35	44	8.6	ms	114.8	76	84	9.8		249.3
36	42	8.4		118.1	77	82	10.0		252.6
37	44	9.2		121.4	78	81	10.1		255.8
38	42	9.3		124.6	79	86	10.2		259.1
39	41	8.4		127.9	80	89	9.7		262.4
40	46	8.6		131.2	81	91	9.8		265.7

## GGWC


Depth in m	SP	SN in Ohms		In Feet	Depth in m	SP	SN in Ohms		In Feet
82	90	5.2		269.0	123	61	2.6		403.4
83	89	9.2		272.2	124	60	2.4		406.7
84	88	9.6		275.5	125	59	4.2		410.0
85	86	7.3		278.8	126	58	4.3		413.3
86	85	7.4		282.1	127	58	4.2	FS	416.6
87	74	6.0		285.4	128	57	4.4		419.8
88	72	6.1		288.6	129	61	4.1		423.1
89	71	5.2		291.9	130	64	2.8	cy	426.4
90	74	4.9		295.2	131	62	2.6		429.7
91	75	7.0		298.5	132	60	4.4		433.0
92	74	7.1		301.8	133	64	4.9		436.2
93	72	9.6		305.0	134	66	5.7	ms	439.5
94	71	9.4		308.3	135	62	5.4		442.8
95	71	9.8		311.6	136	61	3.1		446.1
96	72	9.8		314.9	137	64	3.6		449.4
97	74	9.7		318.2	138	62	3.7	sg	452.6
98	76	9.4		321.4	139	61	3.0		455.9
99	78	9.2		324.7	140	65	2.6		459.2
100	72	9.3		328.0	141	64	3.1		462.5
101	71	8.2		331.3	142	62	3.0		465.8
102	76	8.4		334.6	143	61	4.1		469.0
103	74	4.2		337.8	144	66	4.7		472.3
104	72	4.3		341.1	145	67	4.8		475.6
105	71	4.1	FS	344.4	146	66	4.6		478.9
106	74	4.0		347.7	147	64	4.1	ms	482.2
107	76	4.2		351.0	148	62	3.9		485.4
108	72	4.1		354.2	149	61	4.0	FS	488.7
109	71	3.6		357.5	150	64	4.2		492.0
110	71	3.7		360.8	151	62	4.2		495.3
111	69	2.9		364.1	152	61	3.9		498.6
112	66	2.9		367.4	153	66	4.8		501.8
113	65	2.8		370.6	154	64	5.5		505.1
114	68	2.6		373.9	155	62	6.9	ms	508.4
115	64	3.6		377.2	156	69	7.3		511.7
116	62	4.8	sg	380.5	157	71	6.1		515.0
117	61	3.6		383.8	158	72	2.8		518.2
118	66	2.4		387.0	159	76	2.3		521.5
119	64	3.8		390.3	160	78	2.1		524.8
120	62	3.6		393.6	161	79	2.0	cy	528.1
121	61	1.4		396.9	162	74	2.1		531.4
122	66	1.2		400.2	163	72	5.3		534.6

<u>Depth</u> in m	<u>SP</u>	<u>SN</u>
164	73	5.2
165	72	7.2
166	71	7.4
167	74	7.2
168	76	2.6
169	78	2.3
170	79	2.2
<u>171</u>	74	2.7
172		

} ms

164 73 5.2  
 165 72 7.2  
 166 71 7.4  
 167 74 7.2  
 168 76 2.6  
 169 78 2.3  
 170 79 2.2  
 171 74 2.7  
 172



 **GPS Map Camera**

Shamli, Uttar Pradesh, India

98PV+6X3, Shamli, Uttar Pradesh 247776, India

Lat 29.385585°

Long 77.345353°

18/10/23 08:35 PM GMT +05:30



Google

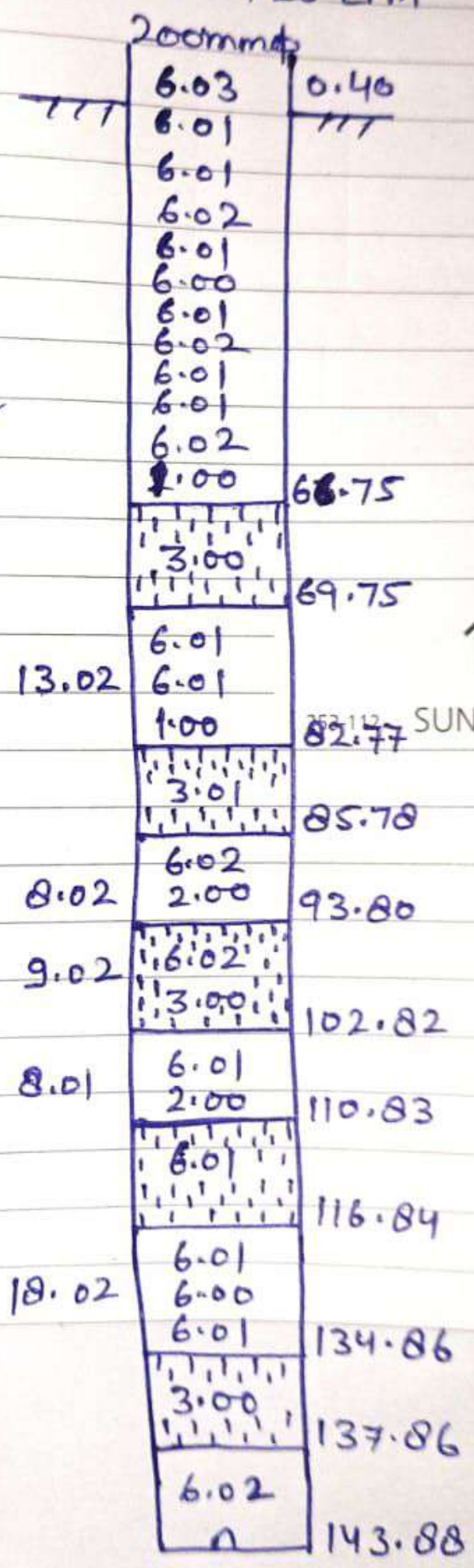
Kabaraut-Butrari [Block:-Shamli / Shamli / Gayatri Projects]

Logging:- 66-71 med.  
 82-87 med.  
 92-104 med.  
 110-119 med.  
 133-139 med.

$450 \times 1.6 = 720 \text{ LPM}$

8" (PH)	8" (LP)	8" (S)
1. 6.03	6.02'	6.02'
2. 6.01	6.01'	6.01'
3. 6.01	6.01'	6.01' < 3.00' ✓
4. 6.01	6.02'	6.00' < 3.00' ✓
5. 6.02	6.00' < 1.00' ✓	3.00'
6. 6.01	6.01' < 1.00' ✓	3.00'
7. 6.00	6.01'	
8. 6.01	6.00'	
9. 6.02	6.01'	
10. 6.01	6.02'	
<u>60.13m</u>		

DPR [Drilling = 165m  
 Lowering = 150m]



10 SUNDAY