GLOBAL GROUND WATER CONSULTANTS

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JJM
M/s. Laxmi Civil Engineering Services Pvt Ltd
Mr. Rajat Kant Sharma

GEOPHYSICAL ELECTRICAL LOGGING REPORT AT

Tubewell No. : .....

Date : 20/01/2025

Village : LAKHNOTI

Block : PURKAZI

District : Muzaffar Nagar., U.P.

Depth in Metres	Expected Litholog	Expected Water Quality
0- 3	Surface soil	
3- 8 ⊛	Fine Sand	
8- 42 ⊛	Coarse to medium sand.	Good
42- 48	Fine Sand	
48- 95 ⊛	Mediums to Pebbles	Good
95- 96	Fine Sand	
96- 110 ⊛	Medium Sand	
110 -121	Sandy clay	
121- 140 ⊛	Pebbles with Coarse Sand	Good
140- 158 ⊛	Boulders with Coarse Sand	Good
158- 160	Sandy clay	

For **Global Groundwater Consultants**

⊛ EXPECTED WATER ZONE

▽ WATER LEVEL : .....10..... METRES

JJM

Village : LAKHNOTI PURQUAJI
Muzaffar Nagar, U.P

M/S. LAXMI Civil Engineering Services pvt. ltd

Location

Date : 20/01/2025

GGWC

Depth in m	SP	SN in Ohms		In Feet	Depth in m	SP	SN in Ohms		In Feet
0				0.0	41	22	10.1		134.5
1				3.3	42	21	10.6		137.8
2				6.6	43	26	8.2		141.0
3			S.S	9.8	44	18	5.1		144.3
4				13.1	45	17	5.8	F.S	147.6
5	27	6.8		16.4	46	18	6.9		150.9
6	26	8.1		19.7	47	17	7.2		154.2
7	24	8.4		23.0	48	14	8.8		157.4
8	23	8.9		26.2	49	13	9.2	pebbly	160.7
9	22	9.2		29.5	50	12	9.4		164.0
10	21	9.7		32.8	51	13	10.8	M.S	167.3
11	20	10.2		36.1	52	12	12.5		170.6
12	19	10.5		39.4	53	11	12.2		173.8
13	18	10.9		42.6	54	12	12.0		177.1
14	22	11.3	C.S	45.9	55	13	12.1		180.4
15	21	11.4	to	49.2	56	14	12.2		183.7
16	20	11.5	M.S	52.5	57	15	12.4		187.0
17	18	11.4		55.8	58	14	12.5		190.2
18	19	11.1		59.0	59	13	12.4		193.5
19	18	11.0		62.3	60	12	12.3		196.8
20	19	11.2		65.6	61	10	12.4		200.1
21	17	11.0		68.9	62	11	12.6		203.4
22	19	10.2		72.2	63	12	11.6		206.6
23	17	10.0		75.4	64	13	11.0		209.9
24	18	8.7		78.7	65	12	11.2		213.2
25	17	9.2		82.0	66	10	10.9		216.5
26	18	9.6		85.3	67	12	10.8		219.8
27	20	11.2		88.6	68	10	10.9		223.0
28	21	11.7		91.8	69	11	11.6		226.3
29	18	11.8		95.1	70	12	12.4		229.6
30	20	11.9		98.4	71	10	12.0		232.9
31	18	11.4		101.7	72	11	11.0		236.2
32	19	11.6	C.S	105.0	73	12	10.9		239.4
33	20	11.5		108.2	74	10	10.6		242.7
34	19	11.7		111.5	75	11	11.2		246.0
35	20	11.3		114.8	76	12	12.7		249.3
36	21	11.5		118.1	77	13	12.4		252.6
37	20	11.3		121.4	78	12	12.7		255.8
38	18	11.7		124.6	79	13	13.2		259.1
39	19	11.8		127.9	80	12	13.0		262.4
40	20	11.6		131.2	81	10	12.8		265.7

GGWC

Depth in m	SP	SN in Ohms		In Feet	Depth in m	SP	SN in Ohms		In Feet
82	12	10.2		269.0	123	15	10.5		403.4
83	10	9.9		272.2	124	17	10.9		406.7
84	11	9.8		275.5	125	18	11.0		410.0
85	12	8.7		278.8	126	19	11.1		413.3
86	13	8.5		282.1	127	22	11.2		416.6
87	14	11.2		285.4	128	20	11.1		419.8
88	15	11.5		288.6	129	18	11.0		423.1
89	12	11.4		291.9	130	17	10.9	Pebbles	426.4
90	13	11.6		295.2	131	20	10.2	15	429.7
91	12	11.4		298.5	132	21	10.9	M.S	433.0
92	12	11.5		301.8	133	22	12.4		436.2
93	11	11.4		305.0	134	21	12.1		439.5
94	12	11.1		308.3	135	20	12.0		442.8
95	11	10.2		311.6	136	18	11.9		446.1
96	12	7.1		314.9	137	17	12.4		449.4
97	10	6.9	F.S	318.2	138	18	11.9		452.6
98	11	7.0		321.4	139	19	12.1		455.9
99	12	7.2		324.7	140	20	12.0		459.2
100	13	11.6		328.0	141	21	13.2		462.5
101	12	11.5		331.3	142	18	13.6		465.8
102	13	11.7		334.6	143	19	13.4		469.0
103	12	12.0		337.8	144	18	13.8	Boulders	472.3
104	13	12.7	M.S	341.1	145	17	13.5		475.6
105	14	12.4		344.4	146	12	13.7		478.9
106	12	12.8		347.7	147	10	13.2		482.2
107	13	13.0		351.0	148	12	13.1		485.4
108	14	13.3		354.2	149	10	14.0		488.7
109	13	12.0		357.5	150	11	14.1		492.0
110	12	10.1		360.8	151	12	14.2		495.3
111	10	6.2		364.1	152	13	14.4		498.6
112	11	4.9		367.4	153	14	14.6		501.8
113	12	6.2		370.6	154	13	13.2		505.1
114	13	7.4		373.9	155	12	13.0		508.4
115	14	7.2	Sulp	377.2	156	13	13.1		511.7
116	15	6.5	cy.	380.5	157	14	13.2		515.0
117	14	5.2		383.8	158	13	13.4		518.2
118	12	4.9		387.0	159	12	11.0		521.5
119	11	6.2		390.3	160	10	8.2	Sulphy.	524.8
120	12	6.4		393.6	161				528.1
121	13	7.1		396.9	162				531.4
122	14	10.4		400.2	163				534.6

GPS Map Camera
lakhnoti, Uttar Pradesh, India
JRWC+W78, lakhnoti, Uttar Pradesh 251327, India
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Long 77.818772°
20/01/25 02:43 PM GMT +05:30
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