

Table:- 2a. Soil chemical properties in initial soil samples collected from contaminated area.

Sample ID	pH	EC (dS m ⁻¹)	SOC (%)	N	P ₂ O ₅	K ₂ O	Fe	Zn
				(kg ha ⁻¹)				
A1	7.85	0.98	0.42	219.5	20.5	403.7	4.62	0.28
A2	8.98	1.20	0.38	156.8	11.2	337.9	3.70	1.97
A3	9.84	0.48	0.14	125.4	39.2	285.5	0.78	10.98
A4	7.85	0.58	0.24	250.9	15.4	297.6	3.18	0.26
A5	6.89	0.36	0.27	131.4	15.6	423.4	7.78	6.51
Min.	6.89	0.36	0.14	125.4	11.2	285.5	0.78	0.26
Max.	9.84	1.20	0.42	250.9	39.2	423.4	7.78	10.98
Mean	8.28	0.72	0.29	176.8	20.4	349.6	4.01	4.00
B1	6.51	0.58	0.38	188.2	12.1	297.6	7.08	1.39
B2	8.45	1.25	0.50	156.8	14.9	315.2	6.90	0.97
B3	7.26	1.39	0.18	125.4	12.2	330.4	9.38	1.92
B4	8.91	0.84	0.38	94.1	33.6	320.4	11.30	0.29
B5	6.12	2.64	0.24	131.4	17.5	275.4	10.90	0.22
Min.	6.12	0.58	0.18	94.1	12.1	275.4	6.90	0.22
Max.	8.91	2.64	0.50	188.2	33.6	330.4	11.30	1.92
Mean	7.45	1.34	0.34	139.2	18.1	307.8	9.11	0.96
C1	7.95	0.47	0.20	407.7	21.5	261.3	2.04	0.27
C2	6.31	1.10	0.14	658.6	48.5	163.3	5.00	0.03
C3	8.45	1.60	0.12	219.5	89.6	181.6	10.40	0.03
C4	9.45	1.20	0.20	194.1	56.0	275.5	7.08	0.24
C5	9.84	0.89	0.24	131.4	15.6	422.0	12.10	0.24
Min.	6.31	0.47	0.12	131.4	15.6	163.3	2.04	0.03
Max.	9.84	1.60	0.24	658.6	89.6	422.0	12.10	0.27
Mean	8.40	1.05	0.18	322.3	46.2	260.7	7.32	0.16
D1	6.58	0.69	0.19	125.4	11.9	294.9	2.18	2.54
D2	8.41	0.48	0.20	156.8	76.6	409.2	5.16	3.17
D3	7.25	1.25	0.21	313.6	70.7	324.6	2.02	4.28
D4	6.01	1.14	0.35	407.7	60.6	310.5	2.72	4.72
D5	6.90	1.05	0.14	345.0	57.5	454.8	1.96	1.96
Min.	6.01	0.48	0.14	125.4	11.9	294.9	1.96	1.96
Max.	8.41	1.25	0.35	407.7	76.6	454.8	5.16	4.72
Mean	7.03	0.92	0.22	269.7	55.5	358.8	2.81	3.33
E1	7.12	1.25	0.18	156.8	33.2	448.1	1.26	0.33
E2	8.45	1.02	0.63	154.8	56.0	310.5	0.42	0.92
E3	6.58	0.48	0.59	188.2	30.2	262.6	5.38	2.05
E4	8.45	0.69	0.38	439.0	18.4	356.7	0.92	0.27
E5	9.25	0.89	0.17	376.3	33.6	323.9	2.50	0.99
Min.	6.58	0.48	0.17	154.8	18.4	262.6	0.42	0.27
Max.	9.25	1.25	0.63	439.0	56.0	448.1	5.38	2.05
Mean	7.97	0.87	0.39	263.0	34.3	340.4	2.10	0.91
F1	7.36	0.65	0.29	250.9	19.2	230.4	3.00	0.27
F2	8.45	0.66	0.24	313.6	48.5	248.6	3.20	0.64
F3	9.45	1.01	0.17	125.4	44.8	260.7	1.88	0.50
F4	6.14	1.05	0.20	101.4	56.0	270.1	1.70	0.65
F5	8.40	1.10	0.80	85.6	65.2	276.9	1.88	0.43
Min.	6.14	0.65	0.17	85.6	19.2	230.4	1.70	0.27
Max.	9.45	1.10	0.80	313.6	65.2	276.9	3.20	0.65
Mean	7.96	0.89	0.34	175.4	46.7	257.3	2.33	0.50