

Table 36: Summary of concentration of metals (mg/kg) at different depths of soil at Khanpur Village, Rania (Kanpur Dehat):

Metals	Concentration of metals at different depth of Soil (mg/kg)								
	0 ft.	5 ft.	10 ft.	15 ft.	20 ft.	25 ft.	30 ft.	35 ft.	40 ft.
Cd	0.39 0.24-0.59	0.58 0.5-0.63	0.52 0.37-0.73	0.70 0.56-0.77	0.56 0.42-0.79	0.64 0.51-0.89	0.45 0.38-0.57	0.55 0.5-0.59	0.45 0.37-0.49
Co	4.16 2.67-5.45	5.12 2.84-7.33	4.77 2.84-7.33	6.18 5.68-6.44	4.91 3.96-6.74	5.77 4.42-8.20	5.08 4.22-6.59	5.17 4.78-5.93	5.45 3.29-7.28
Cr	73.75 0-181.34	120.67 27.08-89.94	53.09 27.08-89.94	48.75 44.07-51.08	44.42 33.58-58.20	46.24 32.83-72.16	68.02 27-148.63	68.84 37.63-120.74	34.65 26.92-39.58
Cu	18.23 12.93-24.13	20.01 13.46-21.44	16.62 13.46-21.44	25.12 21.03-27.17	22.62 17.71-31.26	23.99 15.55-34.88	21.41 17.63-28.12	23.21 20.75-26.96	16.63 13.37-18.76
Fe	8231 5395-10728	10964 7017-13724	9625 7017-13724	11936 10790-12509	10183 8054-13508	11117 9701-13868	8792 7757-10691	10616 9926-11870	8275 7084-9701
Mn	156.58 111.57-238.9	256.88 128.68-488.28	294.80 128.68-488.28	335.62 292.06-357.4	273.42 249.68-300.2	388.86 199.16-680.4	323.17 249.22-486.61	244.89 179.3-344.68	165.26 0-364.63
Ni	11.14 6.23-15.45	11.86 6.36-21.49	12.34 6.36-21.49	12.16 10.77-12.85	11.40 8.99-15.91	14.32 8.51-24.91	17.28 13.43-23.26	19.03 17.05-21.32	13.81 10.91-16.5
Pb	5.98 3.84-9.28	8.11 5.12-7.03	6.29 5.12-7.03	10.15 8.94-10.76	7.90 6.57-10.12	7.97 6.35-8.83	4.88 4.15-5.29	5.89 4.97-6.79	7.02 5.58-8.31
Zn	39.84 15.93-55.95	37.59 22.8-50.61	35.82 22.80-50.61	45.87 39.93-48.85	36.22 26.26-53.32	41.91 30.64-55.39	30.31 23.45-39.32	39.03 33.1-47.01	25.60 21.89-29.44

Note: Permissible level of metals in soil is not reported in literature.

Values in blue are the minimum and maximum values.

Values in bold are average values.