
**Soil heavy metals determination
in the precinct of “Palas” thermoelectric power-station**

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Abstract This paper reports the total concentration of some heavy metals (copper, zinc, lead, cobalt, nickel, chrome, cadmium, manganese, iron) in soil of the precinct of „Palas” thermoelectric power station, Constanta. Determinations were made by atomic absorption spectroscopy after the chemical mineralization of the samples with Digesdhal device. Copper and lead concentrations are greater then the alarm threshold value in soil for these metals (102 ppm/189 ppm).

Keywords: atomic absorbtion spectroscopy, heavy trace metals, soil, pollution, thermoelectric power station.
