



## ***Sorbed Metals Test Report***

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<b>Analysis</b>	<b>Value Found</b>
<b>Element</b>	<b>--mg/kg--</b>
<b>Zinc (Zn)</b>	2887.2 mg/kg
<b>Copper (Cu)</b>	66.8 mg/kg
<b>Arsenic (As)</b>	5.1 mg/kg
<b>Selenium</b>	3.4 mg/kg
<b>Lead (Pb)</b>	354.6 mg/kg
<b>Nickel (Ni)</b>	73.7 mg/kg
<b>Chromium (Cr)</b>	56.7 mg/kg
<b>Cadmium (Cd)</b>	58.8 mg/kg
<b>Molybdenum (Mo)</b>	0.9 mg/kg

**USEPA heavy metals threshold for soil screening levels\***

Element	--mg/kg--
Arsenic (As)	25
Cadmium (Cd)	39
Chromium (Cr)	100
Lead (Pb)	400
Nickel (Ni)	1600
Selenium (Se)	20
Zinc (Zn)	23,600
Barium (Ba)	2000
Silver (Ag)	100
Manganese (Mn)	7,000
Cobalt (Co)	10

\* This information is just a general guidance. Contact your local Environmental Protection Authority for specific recommendations

Source: USEPA

**References:**

<http://www.epa.gov/superfund/health/conmedia/soil/index.htm>

[http://www.epa.gov/Region5/cleanup/bautsch/pdfs/bgm\\_fs\\_201009.pdf](http://www.epa.gov/Region5/cleanup/bautsch/pdfs/bgm_fs_201009.pdf)

[http://rais.ornl.gov/documents/eco-ssl\\_selenium.pdf](http://rais.ornl.gov/documents/eco-ssl_selenium.pdf)

**For State specific heavy metals regulations refer to your state's department of environmental quality**

<http://www.epa.gov/osw/hazard/wastetypes/universal/statespf.htm#ma>

<http://rais.ornl.gov/documents/ecossl.pdf>

**Other**

<http://lqma.ifas.ufl.edu/Publication/Saba-06a.pdf>

[http://www.berkeley.edu/news/media/releases/2005/02/01\\_plantremediation.shtml](http://www.berkeley.edu/news/media/releases/2005/02/01_plantremediation.shtml)