

Appendix G

Box Plots and Statistical Results

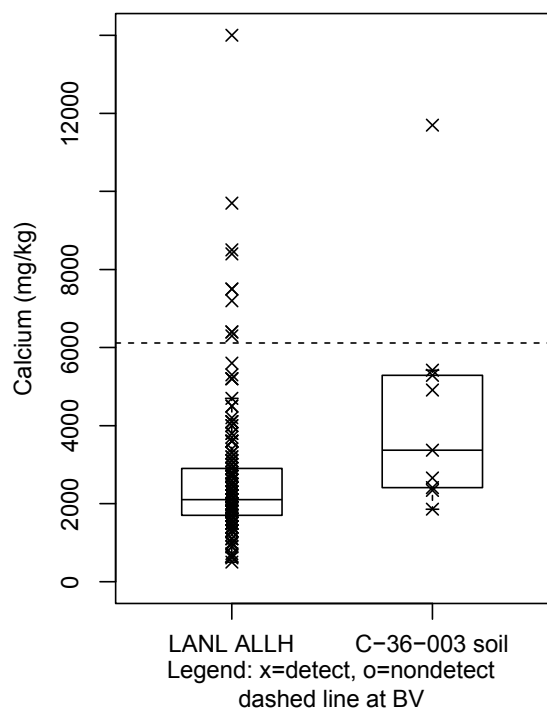


Figure G-199 Box plot for calcium in soil at SWMU C-36-003

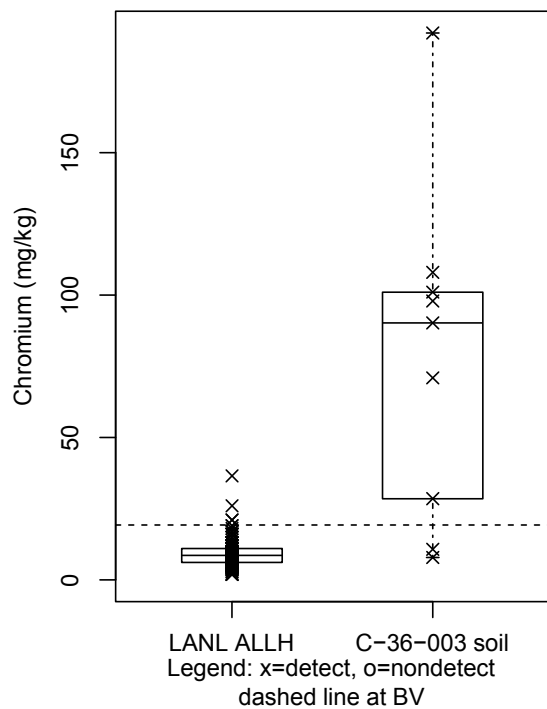


Figure G-200 Box plot for chromium in soil at SWMU C-36-003

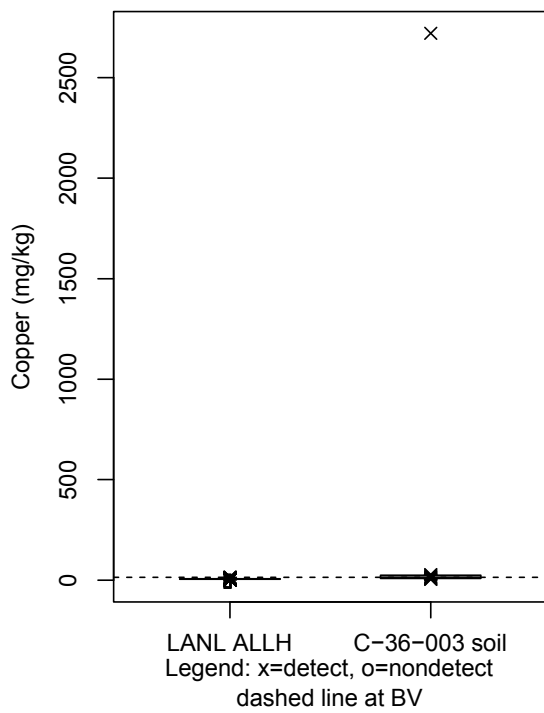


Figure G-201 Box plot for copper in soil at SWMU C-36-003

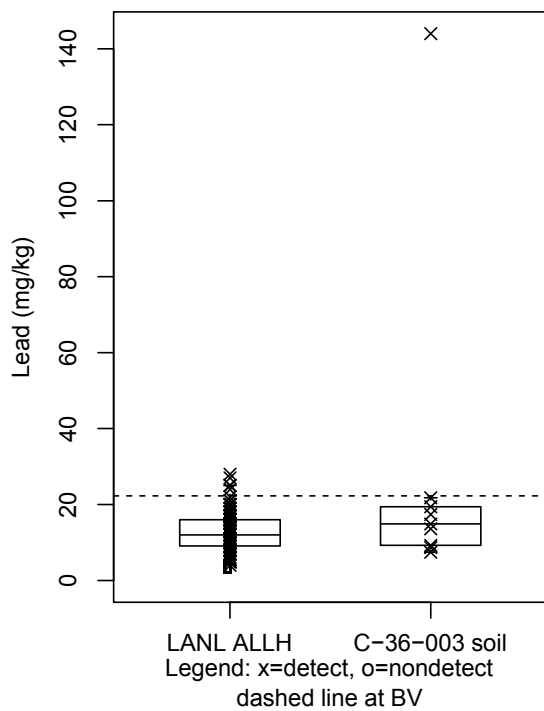


Figure G-202 Box plot for lead in soil at SWMU C-36-003

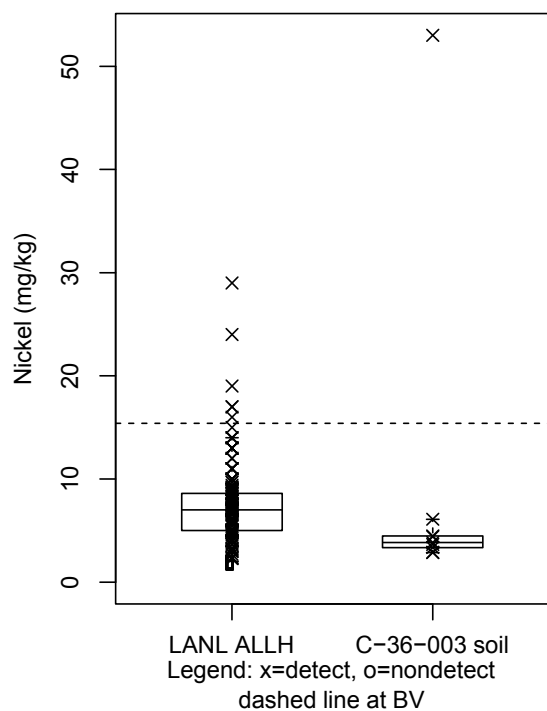


Figure G-203 Box plot for nickel in soil at SWMU C-36-003

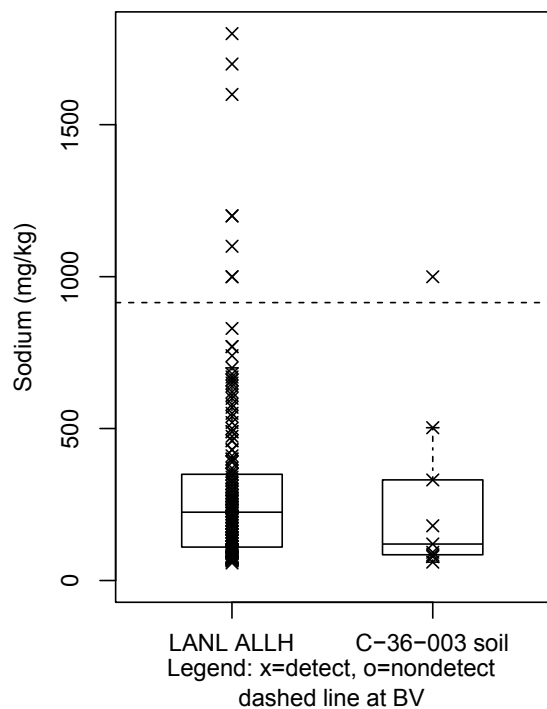


Figure G-204 Box plot for sodium in soil at SWMU C-36-003

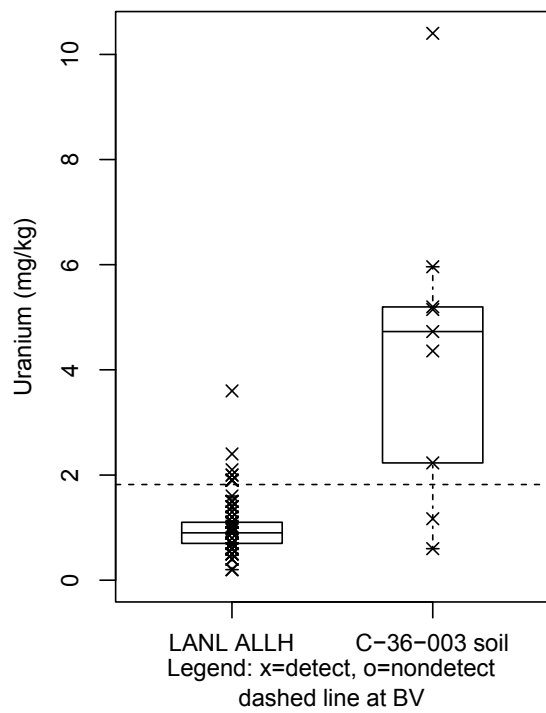


Figure G-205 Box plot for uranium in soil at SWMU C-36-003

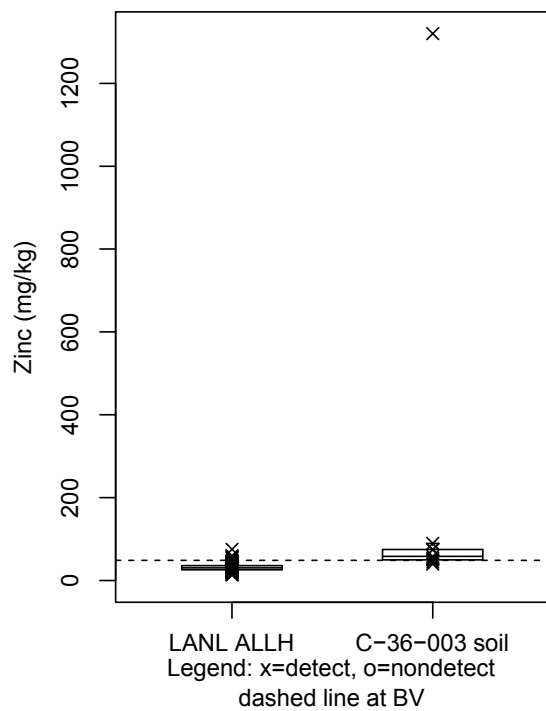


Figure G-206 Box plot for zinc in soil at SWMU C-36-003

Table G-26
Results for Statistical Tests for
Inorganic Chemicals in Soil at SWMUs 36-008 and C-36-003

Analyte	Gehan Test p-Value	Quantile Test p-Value	Slippage p-Value	COPC?
Calcium	0.018	0.24	1.00	No
Chromium	<0.001	<0.001	n/a*	Yes
Cobalt	1.00	1.00	n/a	No
Copper	0.002	0.023	n/a	Yes
Lead	0.9	0.82	n/a	No
Manganese	0.52	0.24	n/a	No
Nickel	1.00	1.00	n/a	No
Sodium	n/a	1.00	1.00	No
Uranium	<0.001	<0.001	n/a	Yes
Zinc	<0.001	<0.001	n/a	Yes

* n/a = Not applicable.

Table G-27
Results for Statistical Tests for
Inorganic Chemicals in Soil at SWMU C-36-003

<u>Analyte</u>	<u>Gehan Test p-Value</u>	<u>Quantile Test p-Value</u>	<u>Slippage p-Value</u>	<u>COPC?</u>
<u>Calcium</u>	<u>0.00536</u>	<u>0.0776</u>	<u>1</u>	<u>No</u>
<u>Chromium</u>	<u><0.001</u>	<u><0.001</u>	<u>n/a*</u>	<u>Yes</u>
<u>Copper</u>	<u><0.001</u>	<u><0.001</u>	<u>n/a</u>	<u>Yes</u>
<u>Lead</u>	<u>0.121</u>	<u>0.0708</u>	<u>n/a</u>	<u>No</u>
<u>Nickel</u>	<u>0.987</u>	<u>0.85</u>	<u>n/a</u>	<u>No</u>
<u>Sodium</u>	<u>0.867</u>	<u>0.576</u>	<u>n/a</u>	<u>No</u>
<u>Uranium</u>	<u><0.001</u>	<u><0.001</u>	<u>n/a</u>	<u>Yes</u>
<u>Zinc</u>	<u><0.001</u>	<u><0.001</u>	<u>n/a</u>	<u>Yes</u>

* n/a = Not applicable.