

**Calculation of Parametric Tolerance Limits
Using Natural Log of
Metals Concentrations Detected in Brackett-Tarrant Association Soils
Camp Stanley Storage Activity, Texas**

Sample ID	Barium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)
BKGR-SS7	3.71	2.16	3.89*
BKGR-SS8	3.01	1.55	3.89*
BKGR-SS19	2.94	0.96	1.67
BKGR-SS21	3.09	0.92	2.19
BKGR-SS26	3.61	1.81	2.56
BKGR-SS27	3.33	1.46	1.79
BKGR-SS28	2.48	1.19	1.93
BKGR-SS29	2.56	0.88	1.67
BKGR-SS30	2.89	1.06	1.99
BKGR-SS32	3.71	1.87	2.48
Distribution	Lognormal	Lognormal	Lognormal
Mean	3.14	1.39	2.04
Standard Deviation	0.45	0.45	0.35
Number of samples	10	10	8
K Tolerance Factor	2.911	2.911	3.188
Upper Tolerance Limit (of ln)	4.43	2.71	3.14
Upper Tolerance Limit	84.3	15.0	23.2

Note: Values are natural logs of values presented in previous table.

* Outlier values have been omitted from the calculation.