

**Calculation of Parametric Tolerance Limits  
Using Natural Log of  
Metals Concentrations Detected in Krum Complex Soils  
Camp Stanley Storage Activity, Texas**

Sample ID	Arsenic (mg/kg)	Barium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)
BKGR-SS4	2.56	4.89	3.38	3.58
BKGR-SS11	1.10	4.61	1.96	3.33
BKGR-SS12	1.46	4.51	2.64	2.94
BKGR-SS14	1.46	3.53	2.10	2.94
BKGR-SS18	1.53	4.61	2.83	2.71
BKGR-SS22	0.99	4.13	1.72	2.30
BKGR-SS23	0.18	3.58	1.41	1.70
BKGR-SS24	0.30	4.51	1.93	2.56
BKGR-SS25	0.22	4.36	1.69	1.86
BKGR-SS31	0.26	3.76	2.15	2.07
Distribution	Lognormal	Lognormal	Lognormal	Lognormal
Mean	NA	4.25	2.18	2.60
Standard Deviation	NA	0.48	0.60	0.62
Number of samples	10	10	10	10
K Tolerance Factor	2.911	2.911	2.911	2.911
Upper Tolerance Limit (of ln)	NA	NA	3.93	4.41
Upper Tolerance Limit	NA	NA	50.7	82.4

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