

Calculation of Parametric Tolerance Limits
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	40.9	8.7	49*
BKGR-SS8	20.3	4.7	49*
BKGR-SS19	19	2.6	5.3
BKGR-SS21	22	2.5	8.9
BKGR-SS26	37	6.1	13
BKGR-SS27	28	4.3	6
BKGR-SS28	12	3.3	6.9
BKGR-SS29	13	2.4	5.3
BKGR-SS30	18	2.9	7.3
BKGR-SS32	41	6.5	12
Distribution	Normal	Normal	Normal*
Mean	25.12	4.4	8.09
Standard Deviation	11.01	2.11	2.98
Number of samples	10	10	8
K Tolerance Factor	NA	NA	NA
Upper Tolerance Limit	NA	NA	NA

Note: Qualifiers have been removed from all positive detections. Values of half of the detection limit have been substituted for all non-detects.

- * Lead distribution is not normal nor lognormal if all data are used. However, if two outlier values (49) are excluded, data has a lognormal distribution.