

**Background Metals Concentrations
Detected in Brackett-Tarrant Association Soils
Camp Stanley Storage Activity, Texas**

Sample ID	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)
BKGR-SS7	6 U	40.9	0.305 U	8.7	49	0.04
BKGR-SS8	5.5 U	20.3	0.275 U	4.7	49	0.04
BKGR-SS19	1.15 U	19	0.9 U	2.6	5.3	0.005 U
BKGR-SS21	1.2	22	0.9 U	2.5	8.9	0.005 U
BKGR-SS26	2.6 U	37	0.95 U	6.1	13	0.005 U
BKGR-SS27	1.2 U	28	0.9 U	4.3	6	0.005 U
BKGR-SS28	1.15 UJ	12	0.85 U	3.3	6.9	0.005 U
BKGR-SS29	1.1 U	13	0.85 U	2.4	5.3	0.005 U
BKGR-SS30	1.1 U	18	0.85 U	2.9	7.3	0.005 U
BKGR-SS32	1.25 U	41	0.95 U	6.5	12	0.005 U
Percentage of Nondetects Procedure (described below) Procedure 3 Non-Parametric Upper Tolerance Limit	90% Procedure 3 6	0 Procedure 1 NA	100% Procedure 3 0.95	0 Procedure 1 NA	0 Procedure 1 NA	80% Procedure 3 0.04

Definition of qualifiers:

U The compound was analyzed for but was not detected.

J The value is estimated due to data validation criteria.

The data are evaluated to determine the percentage of non-detect values ("U" or "UJ" qualifier) present.

Rejected values ("R" qualifier) are ignored for all evaluations and calculations in all steps. The procedures for handling non-detects are as follows:

Procedure 1: If less than 15% of all samples are non-detect, each non-detect is replaced by half its detection limit, and a parametric tolerance limit is used.

Procedure 2: If the percent of non-detects is between 15 and 50%, Cohen's or Aitchinson's adjustment is made to the sample mean and the standard deviation in order to continue with a parametric tolerance limit.

Procedure 3: If the percent of non-detects is greater than 50%, a nonparametric tolerance limit is used, which is the largest value observed, including detection limits (excluding dilutions).