

**Background Metals Concentrations
Detected in Crawford and Bexar Stony 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-SS2	26	76.3	0.295 U	15.2	49	0.01 U
BKGR-SS5	20	33	0.3 U	4.8	50	0.03
BKGR-SS13	4.4	25	0.9 U	7.1	7.5	0.005 U
BKGR-SS15	3.4	33	0.9 U	5.7	6.9	0.005 U
BKGR-SS16	5.3	61	3	19	19	0.005 U
BKGR-SS17	4	77	1.05 U	11	16	0.005 U
BKGR-SS20	1.25 U	65	0.95 U	5.7	9.8	0.005 U
BKGR-SS33	1.25 U	45	0.95 U	3.9	7.5	0.005 U
BKGR-SS34	1.2 U	20	0.9 U	2.4	5.5	0.005 U
BKGR-SS35	1.25 U	39	0.95 U	3.6	8.7	0.005 U
Percentage of Nondetects	40%	0	90%	0	0	90%
Procedure (described below)	Procedure 2	Procedure 1	Procedure 3	Procedure 1	Procedure 1	Procedure 3
Procedure 3 Non-Parametric						
Upper Tolerance Limit	NA	NA	3	NA	NA	0.03

Definition of qualifiers:

U The compound was analyzed for but was not detected.

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).