

**Table A.2**  
**Calculation of Parametric Tolerance Limits**  
**Metals Concentrations Detected in Glen Rose Formation Limestone**  
**Camp Stanley Storage Activity, Texas**

Sample ID	Lognormal Distribution					
	Arsenic (ln mg/kg)	Barium (ln mg/kg)	Copper (ln mg/kg)	Lead (ln mg/kg)	Nickel (ln mg/kg)	Zinc (ln mg/kg)
BKGR-SS1 (4.5)	0.79	1.25	-0.49	^	^	0.74
BKGR-SS2 (10.0)	0.74	1.70	0.69	^	^	0.69
BKGR-SS3 (19.5)	0.79	1.50	0.26	^	^	0.92
BKGR-SS4 (17.5)	0.74	1.67	0.18	^	^	0.96
BKGR-SS5 (10.0)	0.74	1.93	0.83	^	^	1.16
BKGR-SS6 (18.0)	1.46	1.89	1.25	^	^	0.92
BKGR-SS7 (24.0)	0.99	1.41	0.18	^	^	0.79
BKGR-SS8 (5.0)	0.74	1.34	0.26	^	^	0.59
BKGR-SS9 (5.0)	0.69	2.05	0.10	^	^	0.69
BKGR-SS10 (20.0)	0.79	1.86	1.03	^	^	1.46
BKGR-SB11 (8.5)	0.58	1.84	1.30	0.63	1.20	1.19
BKGR-SB12 (8.5)	0.18	1.58	1.28	0.44	1.00	1.69
BKGR-SB13 (13.5)	0.78	1.87	1.67	1.09	1.61	2.05
BKGR-SB14 (10.5)	0.00	1.36	1.97	1.00	0.68	1.17
BKGR-SB15 (6.0)	0.14	1.51	1.00	0.78	1.17	0.34
BKGR-SB16 (12.0)	1.04	1.82	1.27	1.18	1.33	1.80
BKGR-SB17 (8.5)	0.65	1.11	1.01	0.73	1.37	0.82
BKGR-SB18 (8.5)	-0.27	0.85	1.06	0.36	1.53	1.97
BKGR-SB19 (8.5)	0.25	1.17	1.00	0.43	1.09	2.35
BKGR-SB20 (10.5)	0.03	1.08	2.09	1.04	1.02	1.29
BKGR-SB100 (10.5)	-0.11	1.19	2.10	1.23	1.06	0.67
BKGR-SB101 (6.0)	-0.06	1.31	0.77	0.46	1.03	0.99
Mean (ln mg/kg)	0.29	1.51	0.95	0.78	1.17	1.15
Standard Deviation (ln mg/kg)	0.44	0.33	0.68	0.32	0.25	0.53
Distributional Assumption	Lognormal	Lognormal	Lognormal	Lognormal	Lognormal	Lognormal
Shapiro-Wilk Result	p=0.4279	p=0.5033	p=0.4965	p=.1995	p=.7655	p=.1036
Coefficient of Variation	1.50	0.22	0.72	0.41	0.22	0.46
Number of samples	20	20	20	10	10	20
K Tolerance Factor	2.396	2.396	2.396	2.911	2.911	2.396
Upper Tolerance Limit (ln mg/kg)	1.33	2.30	2.57	1.71	1.91	2.42
<b>Upper Tolerance Limit (mg/kg)</b>	<b>3.8</b>	<b>10.0</b>	<b>13.1</b>	<b>5.5</b>	<b>6.8</b>	<b>11.3</b>