

Table A.1
Background Metals Concentrations
Detected in Glen Rose Formation Limestone
Camp Stanley Storage Activity, Texas

Sample ID and depth (feet)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Lead* (mg/kg)	Mercury (mg/kg)	Nickel* (mg/kg)	Zinc (mg/kg)
BKGR-SS1 (4.5)	2.2 (U)	3.5	0.5 (U)	2.00 (U)	0.61	^	0.03 (U)	^	2.1
BKGR-SS2 (10.0)	2.1 (U)	5.5	0.5 (U)	2.0	2.0	^	0.03 (U)	^	2.0
BKGR-SS3 (19.5)	2.2 (U)	4.5	0.5 (U)	2.2	1.3	^	0.03 (U)	^	2.5
BKGR-SS4 (17.5)	2.1 (U)	5.3	0.5 (U)	2.2	1.2	^	0.03 (U)	^	2.6
BKGR-SS5 (10.0)	2.1	6.9	0.5 (U)	2.7	2.3	^	0.03 (U)	^	3.2
BKGR-SS6 (18.0)	4.3	6.6	0.5 (U)	2.4	3.5	^	0.03 (U)	^	2.5
BKGR-SS7 (24.0)	2.7	4.1	0.5 (U)	2.5	1.2	^	0.03 (U)	^	2.2
BKGR-SS8 (5.0)	2.1 (U)	3.8	0.54 (U)	2.00 (U)	1.3	^	0.03 (U)	^	1.8
BKGR-SS9 (5.0)	2.0 (U)	7.8	0.51 (U)	2.0	1.1	^	0.03 (U)	^	2.0
BKGR-SS10 (20.0)	2.2 (U)	6.4	0.55 (U)	3.7	2.8	^	0.03 (U)	^	4.3
BKGR-SB11 (8.5)	1.78 (J)	6.32	0.03 (F)	5.30 (F)	3.68 (J)	1.88 (J)	0.1 (U)	3.32 (J)	3.30 (F)
BKGR-SB12 (8.5)	1.20 (J)	4.86	0.04 (F)	3.30 (F)	3.59 (J)	1.56 (J)	0.1 (U)	2.73 (J)	5.40 (J)
BKGR-SB13 (13.5)	2.18 (J)	6.49	0.03 (F)	6.10 (F)	5.29 (J)	2.97 (J)	0.1 (U)	4.98 (J)	7.75 (J)
BKGR-SB14 (10.5)	1.00 (M)	3.89 (J)	0.05 (F)	2.30 (F)	7.18 (J)	2.73 (J)	0.1 (U)	1.98 (M)	3.21 (F)
BKGR-SB15 (6.0)	1.15 (M)	4.52 (J)	0.05 (F)	2.30 (F)	2.71 (J)	2.18 (J)	0.1 (U)	3.22 (M)	1.41 (F)
BKGR-SB16 (12.0)	2.82 (J)	6.15	0.03 (F)	5.70 (F)	3.56 (J)	3.24 (J)	0.1 (U)	3.78 (J)	6.04 (J)
BKGR-SB17 (8.5)	1.91 (J)	3.02	0.04 (F)	3.40 (F)	2.74 (J)	2.08 (J)	0.1 (U)	3.94 (J)	2.26 (F)
BKGR-SB18 (8.5)	0.76 (J)	2.33	0.04 (F)	1.80 (F)	2.90 (J)	1.43 (J)	0.1 (U)	4.60 (J)	7.17 (J)
BKGR-SB19 (8.5)	1.28 (J)	3.22	0.04 (F)	2.90 (F)	2.73 (J)	1.53 (J)	0.1 (U)	2.97 (J)	10.46 (J)
BKGR-SB20 (10.5)	1.03 (M)	2.95 (J)	0.06 (F)	2.10 (F)	8.10 (J)	2.84 (J)	0.1 (U)	2.76 (M)	3.63 (F)
BKGR-SB100 (10.5)	0.90 (M)	3.29 (J)	0.07 (F)	2.60 (F)	8.13 (J)	3.42 (J)	0.1 (U)	2.89 (M)	1.95 (F)
BKGR-SB101 (6.0)	0.94 (M)	3.69 (J)	0.10	2.00 (F)	2.17 (J)	1.59 (J)	0.1 (U)	2.81 (M)	2.70 (F)
Percentage of Nondetects/SQLs Procedure 1	35%	0%	50%	10%	0%	0%	100%	0%	0%
Procedure 2	Procedure 2	Procedure 1	Procedure 3	Procedure 3	Procedure 1	Procedure 1	Procedure 3	Procedure 1	Procedure 1
Upper Tolerance Limit	3.80	10.0	0.10	6.1	13.1	5.5	0.10	6.8	11.3

Note:

Samples SB1 through SB10 were collected in February 1994 and were analyzed by NET Laboratory.

Samples SB11 through SB20 were collected in November 1999 and were analyzed by APPL Laboratory.

^ Samples SB1 through SB10 are not included in the statistical evaluations for lead and nickel.

Data qualifiers:

U The analyte was analyzed for but not detected. The associated numerical value is the SQL.

F The analyte was positively identified but the associated numerical value is below the RL.

J The value is estimated due to data validation criteria.

M A matrix effect was present.

¹ Duplicate of BKGR-SB20 (10.5).

² Duplicate of BKGR-SB15 (6.0).