

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	ALUMINUM	=	0	5500	MG/KG			5	10	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	ARSENIC	=	0	3.8	MG/KG			1.7	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	BARIUM	=	0	62	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	CALCIUM	=	0	3800	MG/KG			6.2	15	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	COBALT	TR	0	2.4	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	CHROMIUM, TOTAL	TR	0	2.9	MG/KG	J	T	1.7	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	COPPER	=	0	7.5	MG/KG			1.9	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	IRON	=	0	7700	MG/KG			1.5	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-03	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	POTASSIUM	=	0	1000	MG/KG			19	50	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	MAGNESIUM	=	0	1900	MG/KG			1	10	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	MANGANESE	=	0	180	MG/KG			0.8	1	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	SODIUM	=	0	340	MG/KG			24	50	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	NICKEL	ND	0	2.2	MG/KG	U		2.2	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	LEAD	=	0	4.1	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	RADIUM-226	=	0.15	1.12	PCI/G			0.0375	0	SVLR	36776	9J478010	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	RADIUM-228	=	0.23	1.31	PCI/G			0.0775	0	SVLR	36776	9J478010	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-03	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	SELENIUM	TR	0	1.1	MG/KG	J	T	0.75	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	THORIUM	=	0	5.6	MG/KG			0.043	0.2	SVLL	F7H290269	F7H290269005	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	URANIUM	=	0	0.98	MG/KG			0.02	0.1	SVLL	F7H290269	F7H290269005	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	2	3	VANADIUM	=	0	15	MG/KG			1.7	5	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01D	N	7/29/2007	0.16	0.83	ZINC	TR	0	15	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-03	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-01	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	ALUMINUM	=	0	8200	MG/KG			5	10	DEL	IQH0048	IQH0048-01	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	ARSENIC	=	0	2.9	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-01	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-01	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	BARIUM	=	0	86	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-01	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	BERYLLIUM	TR	0	0.39	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-01	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-01	BGS-A1-01S-1	N	7/29/2007	0.16	0.83	CALCIUM	=	0	4000	MG/KG			6.2	15	DEL	IQH0048	IQH0048-01	SW3050B	SW6010B	8/9/2007	8/9/2007

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BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	CALCIUM	=	0	3700	MG/KG			6.2	15	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	COBALT	=	0	4.4	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	4.7	MG/KG	J	T	1.7	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	COPPER	=	0	12	MG/KG			1.9	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	IRON	=	0	9800	MG/KG			1.5	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-02	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	POTASSIUM	=	0	2200	MG/KG			19	50	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	MAGNESIUM	=	0	2800	MG/KG			1	10	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	MANGANESE	=	0	300	MG/KG			0.8	1	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	SODIUM	=	0	180	MG/KG			24	50	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	NICKEL	TR	0	4.6	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	LEAD	=	0	7	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	RADIUM-226	=	0.17	1.29	PCI/G			0.0318	0	SVLR	36776	9J478X10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	RADIUM-228	=	0.26	1.42	PCI/G			0.0624	0	SVLR	36776	9J478X10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-02	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	THORIUM	=	0	9.3	MG/KG			0.042	0.2	SVLL	F7H290269	F7H290269004	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	URANIUM	=	0	1.1	MG/KG			0.02	0.1	SVLL	F7H290269	F7H290269004	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	VANADIUM	=	0	18	MG/KG			1.7	5	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-01	BGS-A1-01S-2	FD	7/29/2007	0.16	0.83	ZINC	TR	0	28	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-02	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	ALUMINUM	=	0	7900	MG/KG			5	10	DEL	IQH1759	IQH1759-02	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	ARSENIC	ND	0	1.8	MG/KG	UJ	9L	1.8	2.5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	BORON	=	0	12	MG/KG			2.1	5	DEL	IQH1759	IQH1759-02	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	BARIUM	=	0	76	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	BERYLLIUM	TR	0	0.44	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	CALCIUM	=	0	7500	MG/KG			6.3	15	DEL	IQH1759	IQH1759-02	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	COBALT	=	0	3.3	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	CHROMIUM, TOTAL	ND	0	1.8	MG/KG	U		1.8	5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	COPPER	=	0	6.9	MG/KG			1.9	5	DEL	IQH1759	IQH1759-02	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-02	BGS-A1-02D	N	8/15/2007	2	3	IRON	=	0	11000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-02	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02D	N	8/15/																		

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BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	MERCURY	TR	0	0.018	MG/KG	J	T	0.012	0.02	DEL	IQH1759	IQH1759-01	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	POTASSIUM	=	0	2500	MG/KG			19	50	DEL	IQH1759	IQH1759-01	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	MAGNESIUM	=	0	4000	MG/KG			1	10	DEL	IQH1759	IQH1759-01	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	MANGANESE	=	0	370	MG/KG			0.8	1	DEL	IQH1759	IQH1759-01	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	MOLYBDENUM	TR	0	0.48	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	SODIUM	=	0	570	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-01	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	NICKEL	TR	0	4.4	MG/KG	J	T	2.2	5	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	LEAD	=	0	9.4	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	RADIUM-226	=	0.16	1.23	PCI/G			0.0373	0.0373	SVLR	36846	9J5K4210	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	RADIUM-228	=	0.24	1.41	PCI/G			0.0759	0.0759	SVLR	36846	9J5K4210	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-01	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	THORIUM	=	0	6.9	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227005	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	THALLIUM	TR	0	0.52	MG/KG	J	T	0.4	2.5	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	URANIUM	=	0	0.95	MG/KG			0.02	0.1	SVLL	F7H290227	F7H290227005	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	VANADIUM	=	0	24	MG/KG			1.8	5	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-02	BGS-A1-02S	N	8/15/2007	0.16	0.83	ZINC	TR	0	34	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-01	SW3050B	SW6020	8/24/2007	8/25/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	ALUMINUM	=	0	4700	MG/KG			5	10	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	ARSENIC	TR	0	1.8	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	BARIUM	=	0	74	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	CALCIUM	=	0	2100	MG/KG			6.2	15	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	COBALT	TR	0	1.9	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	CHROMIUM, TOTAL	TR	0	2.3	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	COPPER	=	0	6.4	MG/KG			1.9	5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	IRON	=	0	7800	MG/KG			1.5	5	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-05	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	POTASSIUM	=	0	790	MG/KG			19	50	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	MAGNESIUM	=	0	1800	MG/KG			1	10	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	MANGANESE	=	0	150	MG/KG			0.8	1	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-05	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	SODIUM	=	0	260	MG/KG			24	50	DEL	IQH0048	IQH0048-05	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-03	BGS-A1-03D	N	7/29/2007	2	3	NICKEL	ND	0	2.3	MG/KG	U		2.3	5	DEL	IQH					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	NICKEL	=	0	6.8	MG/KG			2.2	5	DEL	IQH0048	IQH0048-04	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	LEAD	=	0	5.5	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-04	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	RADIUM-226	=	0.17	1.28	PCI/G			0.0403	0	SVLR	36776	9J478L10	METHOD	E901.1	8/29/2007	9/17/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	RADIUM-228	=	0.23	1.53	PCI/G			0.0799	0	SVLR	36776	9J478L10	METHOD	E901.1	8/29/2007	9/17/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-04	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-04	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	THORIUM	=	0	6.4	MG/KG			0.043	0.21	SVLL	F7H290269	F7H290269006	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-04	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	URANIUM	=	0	0.99	MG/KG			0.021	0.1	SVLL	F7H290269	F7H290269006	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	VANADIUM	=	0	15	MG/KG			1.7	5	DEL	IQH0048	IQH0048-04	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-03	BGS-A1-03S	N	7/29/2007	0.16	0.83	ZINC	TR	0	17	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-04	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	ALUMINUM	=	0	5000	MG/KG			5	10	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	ARSENIC	TR	0	2.3	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	BARIUM	=	0	58	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	BERYLLIUM	TR	0	0.3	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	CALCIUM	=	0	2500	MG/KG			6.3	15	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	CADMIU	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	COBALT	TR	0	2.4	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	CHROMIUM, TOTAL	TR	0	2.7	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	COPPER	=	0	8.9	MG/KG			1.9	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	IRON	=	0	7000	MG/KG			1.5	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-07	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	POTASSIUM	=	0	1100	MG/KG			19	50	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	MAGNESIUM	=	0	1700	MG/KG			1	10	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	MANGANESE	=	0	160	MG/KG			0.8	1	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	SODIUM	=	0	99	MG/KG			24	50	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	NICKEL	TR	0	2.3	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	LEAD	=	0	5.3	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	RADIUM-226	=	0.17	1.22	PCI/G			0.0448	0.0448	SVLR	36754	9J48AT10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	RADIUM-228	=	0.23	1.43	PCI/G			0.0884	0.0884	SVLR	36754	9J48AT10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-07	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-07	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04D	N	7/29/2007	2	3	THORIUM	=	0	7.1	MG/KG			0.043	0.21	SVLL	F7H290269	F7H290269009	NONE	SW6020	9/	

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-04	BGS-A1-04S	N	7/29/2007	0.16	0.83	THORIUM	=	0	6.3	MG/KG			0.042	0.2	SVLL	F7H290269	F7H290269008	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-04	BGS-A1-04S	N	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-06	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-04	BGS-A1-04S	N	7/29/2007	0.16	0.83	URANIUM	=	0	0.93	MG/KG			0.02	0.1	SVLL	F7H290269	F7H290269008	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-04	BGS-A1-04S	N	7/29/2007	0.16	0.83	VANADIUM	=	0	17	MG/KG			1.8	5	DEL	IQH0048	IQH0048-06	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	ALUMINUM	=	0	7800	MG/KG			5	10	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	ARSENIC	ND	0	1.8	MG/KG	UJ	9L	1.8	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	BORON	=	0	20	MG/KG			2.1	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	BARIUM	=	0	56	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	BERYLLIUM	TR	0	0.28	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	CALCIUM	=	0	2700	MG/KG			6.2	15	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	COBALT	=	0	2.9	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	CHROMIUM, TOTAL	TR	0	3.7	MG/KG	J	T	1.8	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	COPPER	=	0	9.2	MG/KG			1.9	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	IRON	=	0	11000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-04	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	POTASSIUM	=	0	1400	MG/KG			19	50	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	MAGNESIUM	=	0	2300	MG/KG			1	10	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	MANGANESE	=	0	190	MG/KG			0.8	1	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	SODIUM	=	0	350	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	NICKEL	TR	0	3.3	MG/KG	J	T	2.2	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	LEAD	=	0	3.9	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	RADIUM-226	=	0.12	0.831	PCI/G			0.0442	0.0442	SVLR	36846	9J5K4X10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	RADIUM-228	=	0.17	0.941	PCI/G			0.0905	0.0905	SVLR	36846	9J5K4X10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-04	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	THORIUM	=	0	8.9	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227004	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	THALLIUM	TR	0	0.45	MG/KG	J	T	0.4	2.5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	URANIUM	=	0	0.98	MG/KG			0.02	0.1	SVLL	F7H290227	F7H290227004	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	VANADIUM	=	0	20	MG/KG			1.8	5	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05D	N	8/15/2007	2	3	ZINC	TR	0	17	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-04	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05S	N	8/15/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-03	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-05	BGS-A1-05S	N	8/15/2007	0.16	0.83	ALUMINUM	=	0	10000	MG/KG			5	10	DEL	IQH1759	IQH1759-03	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-05	BGS-A1-05S	N	8/15/2007	0.16	0.83	ARSENIC	ND	0	1.7	MG/KG	UJ	9L	1.7	2.5	DEL	IQH1759	IQH1759-				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	ALUMINUM	=	0	10000	MG/KG	J	9L	5	10	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	ARSENIC	=	0	2.9	MG/KG	J		1.8	2.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	BORON	=	0	17	MG/KG			2.1	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	BARIUM	=	0	61	MG/KG	J		0.65	2.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	BERYLLIUM	TR	0	0.43	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	CALCIUM	=	0	4600	MG/KG	U		6.2	15	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	COBALT	=	0	3.7	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	CHROMIUM, TOTAL	TR	0	3.6	MG/KG	J	T	1.8	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	COPPER	=	0	14	MG/KG			1.9	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	IRON	=	0	12000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-06	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	POTASSIUM	=	0	1400	MG/KG			19	50	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	MAGNESIUM	=	0	3200	MG/KG			1	10	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	MANGANESE	=	0	260	MG/KG			0.8	1	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	SODIUM	=	0	1200	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	NICKEL	TR	0	4.1	MG/KG	J	T	2.3	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	LEAD	=	0	5.1	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	RADIUM-226	=	0.12	0.901	PCI/G			0.035	0.035	SVLR	36846	9J5K5A10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	RADIUM-228	=	0.17	1.01	PCI/G			0.0656	0.0656	SVLR	36846	9J5K5A10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-06	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	THORIUM	=	0	7.5	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227008	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	URANIUM	=	0	1.1	MG/KG			0.02	0.1	SVLL	F7H290227	F7H290227008	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	VANADIUM	=	0	21	MG/KG			1.8	5	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06D	N	8/15/2007	2	3	ZINC	TR	0	23	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-06	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-05	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	ALUMINUM	=	0	4200	MG/KG			5	10	DEL	IQH1759	IQH1759-05	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	ARSENIC	ND	0	1.7	MG/KG	UJ	9L	1.7	2.5	DEL	IQH1759	IQH1759-05	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	BORON	=	0	18	MG/KG			2.1	5	DEL	IQH1759	IQH1759-05	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	BARIUM	=	0	43	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-05	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	BERYLLIUM	TR	0	0.21	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-05	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	CALCIUM	=	0	2200	MG/KG			6.2	15	DEL	IQH1759	IQH1759-05	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-06	BGS-A1-06S	N	8/15/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	COBALT	=	0	3	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	CHROMIUM, TOTAL	TR	0	3.8	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	COPPER	=	0	10	MG/KG			1.9	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	IRON	=	0	7700	MG/KG			1.5	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-09	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	POTASSIUM	=	0	1200	MG/KG			19	50	DEL	IQH0048	IQH0048-09	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	MAGNESIUM	=	0	1800	MG/KG			0.99	9.9	DEL	IQH0048	IQH0048-09	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	MANGANESE	=	0	150	MG/KG			0.79	0.99	DEL	IQH0048	IQH0048-09	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	SODIUM	=	0	76	MG/KG			24	50	DEL	IQH0048	IQH0048-09	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	NICKEL	TR	0	3.1	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	LEAD	=	0	4.5	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	RADIUM-226	=	0.13	0.946	PCI/G			0.0401	0.0401	SVLR	36754	9J48AN10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	RADIUM-228	=	0.19	1.15	PCI/G			0.0835	0.0835	SVLR	36754	9J48AN10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	ANTIMONY	ND	0	0.87	MG/KG	UJ	4L	0.87	9.9	DEL	IQH0048	IQH0048-09	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	THORIUM	=	0	5.6	MG/KG			0.043	0.21	SVLL	F7H290155	F7H290155012	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	URANIUM	=	0	0.8	MG/KG			0.021	0.1	SVLL	F7H290155	F7H290155012	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	VANADIUM	=	0	16	MG/KG			1.8	5	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07D	N	7/27/2007	2	3	ZINC	TR	0	16	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-09	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	5200	MG/KG			5	10	DEL	IQH0048	IQH0048-08	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	ARSENIC	TR	0	1.9	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-08	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	BARIUM	=	0	66	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	1900	MG/KG			6.2	15	DEL	IQH0048	IQH0048-08	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	COBALT	=	0	2.6	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	2.9	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	COPPER	=	0	9.5	MG/KG			1.9	5	DEL	IQH0048	IQH0048-08	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	IRON	=	0	8000	MG/KG			1.5	5	DEL	IQH0048	IQH0048-08	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-08	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-07	BGS-A1-07S	N	7/27/2007	0.16	0.83	POTASSIUM	=	0	1300	MG/KG			19	50	DEL	IQH0048	IQH0048-08	SW3050B	SW601		

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	POTASSIUM	=	0	950	MG/KG			19	50	DEL	IQH0048	IQH0048-11	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	MAGNESIUM	=	0	1700	MG/KG			1	10	DEL	IQH0048	IQH0048-11	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	MANGANESE	=	0	160	MG/KG			0.8	1	DEL	IQH0048	IQH0048-11	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	MOLYBDENUM	TR	0	0.54	MG/KG	J	T	0.4	5	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	SODIUM	=	0	140	MG/KG			24	50	DEL	IQH0048	IQH0048-11	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	NICKEL	TR	0	2.4	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	LEAD	=	0	4.2	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	RADIUM-226	=	0.14	1.07	PCI/G			0.0402	0.0402	SVLR	36754	9J48AQ10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	RADIUM-228	=	0.21	1.37	PCI/G			0.0834	0.0834	SVLR	36754	9J48AQ10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-11	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	THORIUM	=	0	7.7	MG/KG			0.043	0.2	SVLL	F7H290155	F7H290155014	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	URANIUM	=	0	0.88	MG/KG			0.02	0.1	SVLL	F7H290155	F7H290155014	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	VANADIUM	=	0	13	MG/KG			1.8	5	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08D	N	7/27/2007	2	3	ZINC	TR	0	12	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-11	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	6000	MG/KG			5	10	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	ARSENIC	=	0	2.6	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	BARIUM	=	0	55	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	BERYLLOIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	2000	MG/KG			6.2	15	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	COBALT	=	0	2.6	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	4.2	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	COPPER	=	0	9.3	MG/KG			1.9	5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	IRON	=	0	8500	MG/KG			1.5	5	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-10	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	POTASSIUM	=	0	1400	MG/KG			19	50	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	MANGANESE	=	0	1900	MG/KG			1	10	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	MANGANESE	=	0	200	MG/KG			0.8	1	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	SODIUM	=	0	120	MG/KG			24	50	DEL	IQH0048	IQH0048-10	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	NICKEL	TR	0	2.9	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-10	SW3050B	SW6020	8/9/2007	8/9/2007
BGS-A1-08	BGS-A1-08S	N	7/27/2007	0.16	0.83	LEAD	=	0	4	MG/KG			0.25	2.5	DEL	IQH0048	IQH00				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	LEAD	=	0	3.8	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-13	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	RADIUM-226	=	0.1	0.783	PCI/G			0.0248	0.0248	SVLR	36752	9J479010	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	RADIUM-228	=	0.15	0.878	PCI/G			0.0533	0.0533	SVLR	36752	9J479010	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-13	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-13	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	THORIUM	=	0	5.3	MG/KG			0.043	0.2	SVLL	F7H290155	F7H290155002	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-13	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	URANIUM	=	0	0.88	MG/KG			0.02	0.1	SVLL	F7H290155	F7H290155002	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	VANADIUM	=	0	14	MG/KG			1.8	5	DEL	IQH0048	IQH0048-13	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09D	N	7/27/2007	2	3	ZINC	TR	0	12	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-13	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	5200	MG/KG			5	10	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	ARSENIC	TR	0	2.3	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	BARIUM	=	0	53	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	1900	MG/KG			6.2	15	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	COBALT	TR	0	2.2	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	2.2	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	COPPER	=	0	7.6	MG/KG			1.9	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	IRON	=	0	7400	MG/KG			1.5	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-12	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	POTASSIUM	=	0	1300	MG/KG			19	50	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	MAGNESIUM	=	0	1600	MG/KG			1	10	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	SODIUM	=	0	89	MG/KG			24	50	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	NICKEL	TR	0	2.3	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	LEAD	=	0	3.9	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	RADIUM-226	=	0.12	0.825	PCI/G			0.0439	0.0439	SVLR	36752	9J479W10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	RADIUM-228	=	0.15	0.892	PCI/G			0.0862	0.0862	SVLR	36752	9J479W10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-12	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-12	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16	0.83	THORIUM	=	0	5.2	MG/KG			0.042	0.2	SVLL	F7H290155	F7H290155001	NONE	SW6020	8/31/2007	9/19/2007
BGS-A1-09	BGS-A1-09S	N	7/27/2007	0.16																	

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date	
BGS-A1-10	BGS-A1-10D	N	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-15	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10D	N	7/27/2007	2	3	URANIUM	=	0	0.88	MG/KG			0.02	0.1	SVLL	F7H290155	F7H290155004	NONE	SW6020	8/31/2007	9/20/2007	
BGS-A1-10	BGS-A1-10D	N	7/27/2007	2	3	VANADIUM	=	0	13	MG/KG			1.8	5	DEL	IQH0048	IQH0048-15	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10D	N	7/27/2007	2	3	ZINC	TR	0	15	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-15	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	5100	MG/KG			5	10	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	ARSENIC	ND	0	1.8	MG/KG	U		1.8	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	BARIUM	=	0	57	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	1900	MG/KG			6.2	15	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	COBALT	=	0	0	2.6	MG/KG		0.4	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	3.5	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	COPPER	=	0	9.2	MG/KG			1.9	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	IRON	=	0	7300	MG/KG			1.5	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-14	METHOD	SW7471A	8/10/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	POTASSIUM	=	0	1100	MG/KG			19	50	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	MAGNESIUM	=	0	1600	MG/KG			1	10	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	MANGANESE	=	0	160	MG/KG			0.8	1	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	SODIUM	=	0	81	MG/KG			24	50	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	NICKEL	TR	0	2.9	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	LEAD	=	0	3.9	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	RADIUM-226	=	0	0.1	0.755	PCI/G			0.0292	0.0292	SVLR	36752	9J479Q10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	RADIUM-228	=	0	0.17	0.882	PCI/G			0.0641	0.0641	SVLR	36752	9J479Q10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-14	SW3050B	SW6010B	8/9/2007	8/9/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	THORIUM	=	0	8.5	MG/KG			0.042	0.2	SVLL	F7H290155003	F7H290155003	NONE	SW6020	8/31/2007	9/20/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	URANIUM	=	0	0.93	MG/KG			0.02	0.1	SVLL	F7H290155003	F7H290155003	NONE	SW6020	8/31/2007	9/20/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	VANADIUM	=	0	13	MG/KG			1.8	5	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-10	BGS-A1-10S	N	7/27/2007	0.16	0.83	ZINC	TR	0	13	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-14	SW3050B	SW6020	8/9/2007	8/10/2007	
BGS-A1-11	BGS-A1-11D-1	N	7/27/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-17	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-11	BGS-A1-11D-1	N	7/27/2007	2	3	ALUMINUM	=	0	5100	MG/KG			5	10	DEL	IQH0048	IQH0048-17	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-11	BGS-A1-11D-1	N	7/																			

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	ARSENIC	=	0	4.9	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	BARIUM	=	0	57	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	BERYLLIUM	TR	0	0.3	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	CALCIUM	=	0	3100	MG/KG	U		6.2	15	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	CADMIUM	ND	0	0.3	MG/KG			0.3	2.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	COBALT	=	0	2.7	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	CHROMIUM, TOTAL	TR	0	2.3	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	COPPER	=	0	9.1	MG/KG			1.9	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	IRON	=	0	7400	MG/KG			1.5	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-18	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	POTASSIUM	=	0	1100	MG/KG			19	50	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	MAGNESIUM	=	0	1800	MG/KG			1	10	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	MANGANESE	=	0	190	MG/KG			0.8	1	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	SODIUM	=	0	140	MG/KG			24	50	DEL	IQH0048	IQH0048-18	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	NICKEL	TR	0	2.7	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	LEAD	=	0	4.3	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	RADIUM-226	=	0.15	1.1	PCI/G			0.0401	0.0401	SVLR	36754	9J48A610	METHOD	E901.1	8/24/2007	9/14/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	RADIUM-228	=	0.21	1.36	PCI/G			0.0813	0.0813	SVLR	36754	9J48A610	METHOD	E901.1	8/24/2007	9/14/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	THORIUM	=	0	5.9	MG/KG			0.043	0.21	SVLL	F7H290155	F7H290155017	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	URANIUM	=	0	0.82	MG/KG			0.021	0.1	SVLL	F7H290155	F7H290155017	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	VANADIUM	=	0	19	MG/KG			1.8	5	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11D-2	FD	7/27/2007	2	3	ZINC	TR	0	18	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-18	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-16	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	7800	MG/KG			5	10	DEL	IQH0048	IQH0048-16	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	ARSENIC	=	0	2.7	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-16	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-16	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	BARIUM	=	0	70	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-16	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	BERYLLIUM	TR	0	0.46	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-16	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	2100	MG/KG			6.2	15	DEL	IQH0048	IQH0048-16	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-16	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-11	BGS-A1-11S	N	7/27/2007	0.16	0.83	COBALT	=														

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	COBALT	=	0	4.1	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	CHROMIUM, TOTAL	TR	0	4.6	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	COPPER	=	0	12	MG/KG			1.9	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	IRON	=	0	8700	MG/KG	U		1.5	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	MERCURY	ND	0	0.012	MG/KG			0.012	0.02	DEL	IQH0048	IQH0048-20	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	POTASSIUM	=	0	1300	MG/KG			19	50	DEL	IQH0048	IQH0048-20	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	MAGNESIUM	=	0	2100	MG/KG			1	10	DEL	IQH0048	IQH0048-20	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0048	IQH0048-20	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	SODIUM	=	0	270	MG/KG			24	50	DEL	IQH0048	IQH0048-20	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	NICKEL	TR	0	3.8	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	LEAD	=	0	4.9	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	RADIUM-226	=	0.14	1.11	PCI/G			0.0288	0.0288	SVLR	36754	9J48AJ10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	RADIUM-228	=	0.2	1.27	PCI/G			0.06	0.06	SVLR	36754	9J48AJ10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-20	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	THORIUM	=	0	5.6	MG/KG			0.043	0.2	SVLL	F7H290155	F7H290155019	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	URANIUM	=	0	0.99	MG/KG			0.02	0.1	SVLL	F7H290155	F7H290155019	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	VANADIUM	=	0	25	MG/KG			1.8	5	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12D	N	7/27/2007	2	3	ZINC	TR	0	21	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-20	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	5400	MG/KG			5	10	DEL	IQH0048	IQH0048-19	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	ARSENIC	ND	0	1.8	MG/KG	U		1.8	2.5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-19	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	BARIUM	=	0	57	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	BERYLLIUM	TR	0	0.32	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	1900	MG/KG			6.2	15	DEL	IQH0048	IQH0048-19	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	COBALT	=	0	3.4	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	7.2	MG/KG	UJ	2	7.2	17	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	COPPER	=	0	14	MG/KG			1.9	5	DEL	IQH0048	IQH0048-19	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	IRON	=	0	7900	MG/KG			1.5	5	DEL	IQH0048	IQH0048-19	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-19	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	POTASSIUM	=	0	1500	MG/KG			19	50	DEL	IQH0048	IQH0048-19	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-12	BGS-A1-12S	N	7/27/2007	0.16	0.83	MAGNESIUM	=	0	2000	MG/KG			1	10	DEL						

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	MAGNESIUM	=	0	2300	MG/KG	J	4L	1	10	DEL	IQH0284	IQH0284-02	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	MANGANESE	=	0	200	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-02	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	SODIUM	=	0	250	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-02	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	NICKEL	TR	0	2.6	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	LEAD	=	0	5.4	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	RADIUM-226	=	0.15	1.08	PCI/G			0.0443	0.0443	SVLR	36629	9J476H10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	RADIUM-228	=	0.23	1.36	PCI/G			0.0874	0.0874	SVLR	36629	9J476H10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-02	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	THORIUM	=	0	11.2	MG/KG			0.043	0.21	SVLL	F7H290200	F7H29020009	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	URANIUM	=	0	1.1	MG/KG			0.021	0.1	SVLL	F7H290200	F7H29020009	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	VANADIUM	=	0	13	MG/KG			1.7	5	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13D	N	7/30/2007	2	3	ZINC	TR	0	16	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-02	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	6500	MG/KG			5	10	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	4	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	BARIUM	=	0	51	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.28	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	CALCIUM	=	0	2300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	COBALT	=	0	3	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	2.9	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	COPPER	=	0	9.8	MG/KG			1.9	5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	IRON	=	0	8200	MG/KG			1.5	5	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-01	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	1500	MG/KG			19	50	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	2100	MG/KG			1	10	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.8	1	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	SODIUM	=	0	180	MG/KG	J	4L	0.4	5	DEL	IQH0284	IQH0284-01	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	NICKEL	TR	0	2.8	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	LEAD	=	0	4.7	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-01	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	RADIUM-226	=	0.15	1.09	PCI/G			0.046	0.046	SVLR	36629	9J476G10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-13	BGS-A1-13S	N	7/30/2007	0.16	0.83	RADI															

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	RADIUM-226	=	0.19	1.48	PCI/G			0.0383	0.0383	SVLR	36846	9J5K4N10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	RADIUM-228	=	0.23	1.41	PCI/G			0.0692	0.0692	SVLR	36846	9J5K4N10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-08	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-08	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	THORIUM	=	0	11.9	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227002	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-08	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	URANIUM	=	0	2.6	MG/KG			0.02	0.11	SVLL	F7H290227	F7H290227002	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	VANADIUM	=	0	33	MG/KG			1.8	5	DEL	IQH1759	IQH1759-08	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14D	N	8/15/2007	2	3	ZINC	TR	0	39	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-08	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	ALUMINUM	=	0	14000	MG/KG			5	10	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	ARSENIC	ND	0	1.8	MG/KG	UJ	9L	1.8	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	BORON	=	0	9.9	MG/KG			2.1	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	BARIUM	=	0	62	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	BERYLLIUM	TR	0	0.56	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	CALCIUM	=	0	3500	MG/KG			6.2	15	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	COBALT	=	0	4.1	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	5.6	MG/KG			1.8	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	COPPER	=	0	15	MG/KG			1.9	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	IRON	=	0	15000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-07	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	POTASSIUM	=	0	2800	MG/KG			19	50	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	MAGNESIUM	=	0	4500	MG/KG			1	10	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	MANGANESE	=	0	300	MG/KG			0.8	1	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	SODIUM	=	0	1000	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	NICKEL	=	0	5.2	MG/KG			2.2	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	LEAD	=	0	5.9	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	RADIUM-226	=	0.15	1.1	PCI/G			0.0424	0.0424	SVLR	36846	9J5K4M10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	RADIUM-228	=	0.18	1	PCI/G			0.0822	0.0822	SVLR	36846	9J5K4M10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-07	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	THORIUM	=	0	7.3	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227001	NONE	SW6020	9/11/2007	9/19/2007
BGS-A1-14	BGS-A1-14S	N	8/15/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-07	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A1-14	BGS-A1-14																				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-15	BGS-A1-15D	N	7/30/2007	2	3	URANIUM	=	0	1.5	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200007	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-15	BGS-A1-15D	N	7/30/2007	2	3	VANADIUM	=	0	14	MG/KG			1.8	5	DEL	IQH0284	IQH0284-04	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15D	N	7/30/2007	2	3	ZINC	TR	0	16	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-04	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	2.8	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	BARIUM	=	0	110	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.53	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	CALCIUM	=	0	4200	MG/KG			6.2	15	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	COBALT	=	0	5.7	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	5	MG/KG			1.7	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	COPPER	=	0	19	MG/KG			1.9	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	IRON	=	0	13000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	MERCURY	=	0	0.05	MG/KG			0.012	0.02	DEL	IQH0284	IQH0284-03	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	2500	MG/KG			19	50	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	3700	MG/KG			1	10	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	340	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	MOLYBDENUM	TR	0	0.41	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	SODIUM	=	0	730	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	NICKEL	=	0	6	MG/KG			2.2	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	LEAD	=	0	6.8	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	RADIUM-226	=	0.2	1.54	PCI/G			0.043	0.043	SVLR	36629	9J476N10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	RADIUM-228	=	0.25	1.67	PCI/G			0.0868	0.0868	SVLR	36629	9J476N10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-03	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	THORIUM	=	0	8.9	MG/KG			0.044	0.21	SVLL	F7H290200	F7H290200006	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	URANIUM	=	0	1.2	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200006	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	VANADIUM	=	0	17	MG/KG			1.7	5	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-15	BGS-A1-15S	N	7/30/2007	0.16	0.83	ZINC	TR	0	30	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-03	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-16	BGS-A1-16D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-22	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16D	N	7/29/2007	2	3	ALUMINUM	=	0	4500	MG/KG			5	10	DEL	IQH0048	IQH0048-22	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16D	N	7/29/2007	2	3	ARSENIC	=	0	4	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-22	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16D	N	7/																		

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	BARIUM	=	0	63	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	BERYLLIUM	TR	0	0.27	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	CALCIUM	=	0	2500	MG/KG	U		6.2	15	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG			0.3	2.5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	COBALT	=	0	3.2	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	4.2	MG/KG	J	T	1.7	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	COPPER	=	0	12	MG/KG			1.9	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	IRON	=	0	8600	MG/KG			1.5	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-21	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	POTASSIUM	=	0	1500	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	MAGNESIUM	=	0	2200	MG/KG			1	10	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	MANGANESE	=	0	240	MG/KG			0.8	1	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	MOLYBDENUM	TR	0	0.41	MG/KG	J	T	0.4	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	SODIUM	=	0	210	MG/KG			24	50	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	NICKEL	TR	0	3.4	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	LEAD	=	0	6.6	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	RADIUM-226	=	0.146	1.17	PCI/G			0.027	0.027	SVLR	36776	9J478J10	METHOD	E901.1	8/29/2007	9/17/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	RADIUM-228	=	0.188	1.24	PCI/G			0.0547	0.0547	SVLR	36776	9J478J10	METHOD	E901.1	8/29/2007	9/17/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-21	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	THORIUM	=	0	5.9	MG/KG			0.042	0.2	SVLL	F7H290265	F7H290265010	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	URANIUM	=	0	1	MG/KG			0.02	0.1	SVLL	F7H290265	F7H290265010	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	VANADIUM	=	0	23	MG/KG			1.7	5	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-16	BGS-A1-16S	N	7/29/2007	0.16	0.83	ZINC	TR	0	25	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-21	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-24	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	ALUMINUM	=	0	7800	MG/KG			5	10	DEL	IQH0048	IQH0048-24	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	ARSENIC	=	0	6.8	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-24	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	BORON	TR	0	2.7	MG/KG	J	T	2.1	5	DEL	IQH0048	IQH0048-24	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	BARIUM	=	0	100	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-24	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	BERYLLIUM	TR	0	0.34	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-24	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	CALCIUM	=	0	6200	MG/KG			6.2	15	DEL	IQH0048	IQH0048-24	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-24	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2	3	COBALT	=	0	4.3	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-24	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17D	N	7/29/2007	2																	

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	9.3	MG/KG			1.7	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	COPPER	=	0	22	MG/KG			1.9	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-23	SW3050B	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	POTASSIUM	=	0	2700	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-23	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	MAGNESIUM	=	0	4400	MG/KG			1	10	DEL	IQH0048	IQH0048-23	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	MANGANESE	=	0	270	MG/KG			0.8	1	DEL	IQH0048	IQH0048-23	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	SODIUM	=	0	290	MG/KG			24	50	DEL	IQH0048	IQH0048-23	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	NICKEL	=	0	7.8	MG/KG			2.2	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	LEAD	=	0	8	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	RADIUM-226	=	0.19	1.45	PCI/G			0.0436	0	SVLR	36776	9J478G10	METHOD	E901.1	8/29/2007	9/17/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	RADIUM-228	=	0.23	1.48	PCI/G			0.0862	0	SVLR	36776	9J478G10	METHOD	E901.1	8/29/2007	9/17/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-23	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	THORIUM	=	0	6.8	MG/KG			0.043	0.21	SVLL	F7H290265	F7H290265012	NONE	SW6020	9/13/2007	9/18/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	URANIUM	=	0	1.4	MG/KG			0.021	0.1	SVLL	F7H290265	F7H290265012	NONE	SW6020	9/13/2007	9/18/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	VANADIUM	=	0	31	MG/KG			1.7	5	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-17	BGS-A1-17S	N	7/29/2007	0.16	0.83	ZINC	TR	0	43	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-23	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	ALUMINUM	=	0	5500	MG/KG			5	10	DEL	IQH0048	IQH0048-26	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	ARSENIC	=	0	6.7	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-26	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	BARIUM	=	0	62	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	BERYLLIUM	TR	0	0.3	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/13/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	CALCIUM	=	0	5200	MG/KG			6.2	15	DEL	IQH0048	IQH0048-26	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	COBALT	=	0	3.1	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	CHROMIUM, TOTAL	=	0	6	MG/KG			1.8	5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	COPPER	=	0	7.1	MG/KG			1.9	5	DEL	IQH0048	IQH0048-26	SW3050B	SW6020	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	IRON	=	0	9900	MG/KG			1.5	5	DEL	IQH0048	IQH0048-26	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-26	METHOD	SW7471A	8/10/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	POTASSIUM	=	0	620	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-26	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	MAGNESIUM	=	0	1800	MG/KG			1	10	DEL	IQH0048	IQH0048-26	SW3050B	SW6010B	8/9/2007	8/10/2007	
BGS-A1-18	BGS-A1-18D	N	7/29/2007	2	3	MANGANESE	=	0	160	MG/KG		</td										

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	MANGANESE	=	0	200	MG/KG			0.8	1	DEL	IQH0048	IQH0048-25	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	SODIUM	=	0	230	MG/KG			24	50	DEL	IQH0048	IQH0048-25	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	NICKEL	=	0	5.8	MG/KG			2.2	5	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	LEAD	=	0	6.4	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	RADIUM-226	=	0.16	1.27	PCI/G			0.0284	0.0284	SVLR	36629	9J477K10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	RADIUM-228	=	0.26	1.42	PCI/G			0.0545	0.0545	SVLR	36629	9J477K10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-25	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	THORIUM	=	0	10.3	MG/KG			0.043	0.21	SVLL	F7H290265	F7H290265014	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	URANIUM	=	0	1.2	MG/KG			0.021	0.1	SVLL	F7H290265	F7H290265014	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	VANADIUM	=	0	28	MG/KG			1.8	5	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-18	BGS-A1-18S	N	7/29/2007	0.16	0.83	ZINC	TR	0	34	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-25	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	ALUMINUM	=	0	7700	MG/KG			5	10	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	ARSENIC	=	0	7.1	MG/KG			1.7	2.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	BARIUM	=	0	82	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	BERYLLIUM	TR	0	0.37	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	CALCIUM	=	0	8700	MG/KG			6.2	15	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	COBALT	=	0	3.5	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	CHROMIUM, TOTAL	=	0	5.3	MG/KG			1.7	5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	COPPER	=	0	12	MG/KG			1.9	5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	IRON	=	0	9000	MG/KG			1.5	5	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	MERCURY	=	0	0.034	MG/KG			0.012	0.02	DEL	IQH0048	IQH0048-28	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	POTASSIUM	=	0	980	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	MAGNESIUM	=	0	2300	MG/KG			1	10	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	SODIUM	=	0	420	MG/KG			24	50	DEL	IQH0048	IQH0048-28	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	NICKEL	TR	0	4.2	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	LEAD	=	0	5.6	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-28	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	RADIUM-226	=	0.19	1.46	PCI/G			0.0464	0	SVLR	36776	9J478R10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-19	BGS-A1-19D	N	7/28/2007	2	3	RADIUM-228	=	0.24	1.51	PCI/G			0.0945	0	SVLR	36776					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	RADIUM-228	=	0.23	1.52	PCI/G	UJ	4L	0.0825	0	SVLR	36776	9J478Q10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ		0.88	10	DEL	IQH0048	IQH0048-27	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-27	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	THORIUM	=	0	6	MG/KG			0.043	0.2	SVLL	F7H290265	F7H290265008	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-27	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	URANIUM	=	0	0.95	MG/KG			0.02	0.1	SVLL	F7H290265	F7H290265008	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	VANADIUM	=	0	29	MG/KG			1.8	5	DEL	IQH0048	IQH0048-27	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-19	BGS-A1-19S	N	7/28/2007	0.16	0.83	ZINC	TR	0	32	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-27	SW3050B	SW6020	8/10/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	ALUMINUM	=	0	7300	MG/KG			5	10	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	ARSENIC	=	0	4.8	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	BARIUM	=	0	81	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	BERYLLIUM	TR	0	0.35	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	CALCIUM	=	0	3800	MG/KG			6.2	15	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	COBALT	=	0	3.1	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	CHROMIUM, TOTAL	TR	0	4.2	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	COPPER	=	0	7.5	MG/KG			1.9	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	IRON	=	0	9500	MG/KG			1.5	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-30	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	POTASSIUM	=	0	920	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	MAGNESIUM	=	0	2100	MG/KG			1	10	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	MANGANESE	=	0	240	MG/KG			0.8	1	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	SODIUM	=	0	310	MG/KG			24	50	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	NICKEL	TR	0	2.9	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	LEAD	=	0	5.5	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	RADIUM-226	=	0.17	1.26	PCI/G			0.0435	0	SVLR	36776	9J478P10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	RADIUM-228	=	0.24	1.44	PCI/G			0.0871	0	SVLR	36776	9J478P10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-30	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	THORIUM	=	0	6.5	MG/KG			0.043	0.21	SVLL	F7H290269	F7H290269002	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-30	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	URANIUM	=	0	1	MG/KG			0.021	0.1	SVLL	F7H290269	F7H290269002	NONE	SW6020	9/12/2007	9/20/2007
BGS-A1-20	BGS-A1-20D	N	7/28/2007	2	3	VANADIUM	=	0	25	MG/KG			1.8	5	DEL	IQH0048	IQH0048-30	SW3			

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-20	BGS-A1-20S	N	7/28/2007	0.16	0.83	VANADIUM	=	0	28	MG/KG			1.7	5	DEL	IQH0048	IQH0048-29	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-20	BGS-A1-20S	N	7/28/2007	0.16	0.83	ZINC	TR	0	28	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-29	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	ALUMINUM	=	0	4700	MG/KG			5	10	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	ARSENIC	TR	0	2.4	MG/KG	J	T	1.8	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	BARIUM	=	0	51	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	BERYLLIUM	TR	0	0.25	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	CALCIUM	=	0	3300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	COBALT	TR	0	2	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	CHROMIUM, TOTAL	TR	0	2	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	COPPER	=	0	6.8	MG/KG			1.9	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	IRON	=	0	6600	MG/KG			1.5	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-07	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	POTASSIUM	=	0	590	MG/KG			19	50	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	MAGNESIUM	=	0	1600	MG/KG			1	10	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	MANGANESE	=	0	140	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	SODIUM	=	0	270	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	NICKEL	ND	0	2.2	MG/KG	U		2.2	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	LEAD	=	0	3.3	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	RADIUM-226	=	0.12	0.93	PCI/G			0.0327	0.0327	SVLR	36629	9J477R10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	RADIUM-228	=	0.19	1.07	PCI/G			0.0677	0.0677	SVLR	36629	9J477R10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-07	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	THORIUM	=	0	5.2	MG/KG			0.043	0.21	SVLL	F7H290200	F7H290200005	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	URANIUM	=	0	1.3	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200005	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	VANADIUM	=	0	14	MG/KG			1.8	5	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21D	N	7/30/2007	2	3	ZINC	TR	0	14	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-07	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-1	FD	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-05	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-1	FD	7/30/2007	0.16	0.83	ALUMINUM	=	0	6600	MG/KG			5	10	DEL	IQH0284	IQH0284-05	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-1	FD	7/30/2007	0.16	0.83	ARSENIC	=	0	3.6	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-05	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-1	FD	7/30/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-05	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-1	FD	7/30/2007	0.16	0.83	BARIUM	=	0	86	MG/KG			0.65	2.5	DEL	IQH0284					

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	BARIUM	=	0	81	MG/KG	J	T	0.65	2.5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.44	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	CALCIUM	=	0	1900	MG/KG	U		6.2	15	DEL	IQH0284	IQH0284-06	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	COBALT	=	0	3.6	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	3.8	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	COPPER	=	0	11	MG/KG			1.9	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	IRON	=	0	9000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	MERCURY	=	0	0.022	MG/KG			0.012	0.02	DEL	IQH0284	IQH0284-06	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	1700	MG/KG			19	50	DEL	IQH0284	IQH0284-06	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	2100	MG/KG	J	4L	1	10	DEL	IQH0284	IQH0284-06	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	MANGANESE	=	0	240	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	SODIUM	=	0	250	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-06	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	NICKEL	TR	0	3.8	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	LEAD	=	0	5.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	RADIUM-226	=	0.14	1.08	PCI/G			0.0283	0.0283	SVLR	36629	9J477Q10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	RADIUM-228	=	0.23	1.25	PCI/G			0.0564	0.0564	SVLR	36629	9J477Q10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-06	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	THORIUM	=	0	7.2	MG/KG			0.043	0.21	SVLL	F7H290200	F7H29020004	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	URANIUM	=	0	0.93	MG/KG			0.021	0.1	SVLL	F7H290200	F7H29020004	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	VANADIUM	=	0	16	MG/KG			1.8	5	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-21	BGS-A1-21S-2	N	7/30/2007	0.16	0.83	ZINC	TR	0	21	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-06	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8/15/2007	8/16/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	ALUMINUM	=	0	5400	MG/KG			5	10	DEL	IQH0284	IQH0284-09	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	ARSENIC	TR	0	2.5	MG/KG	J	T	1.8	2.5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8/15/2007	8/16/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-09	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	BARIUM	=	0	74	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8/15/2007	8/16/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	BERYLLIUM	TR	0	0.36	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8/15/2007	8/16/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	CALCIUM	=	0	3900	MG/KG			6.2	15	DEL	IQH0284	IQH0284-09	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8/15/2007	8/16/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	COBALT	TR	0	2	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8/15/2007	8/16/2007
BGS-A1-22	BGS-A1-22D	N	7/30/2007	2	3	CHROMIUM, TOTAL	ND	0	1.8	MG/KG	U		1.8	5	DEL	IQH0284	IQH0284-09	SW3050B	SW6020	8	

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BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	COPPER	=	0	19	MG/KG			1.9	5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	IRON	=	0	9900	MG/KG			1.5	5	DEL	IQH0284	IQH0284-08	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-08	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	1700	MG/KG			19	50	DEL	IQH0284	IQH0284-08	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	2500	MG/KG			1	10	DEL	IQH0284	IQH0284-08	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	220	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-08	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	MOLYBDENUM	TR	0	0.65	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	SODIUM	=	0	170	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-08	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	NICKEL	=	0	7	MG/KG			2.2	5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	LEAD	=	0	6.8	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	RADIUM-226	=	0.17	1.23	PCI/G			0.0428	0.0428	SVLR	36629	9J476910	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	RADIUM-228	=	0.25	1.48	PCI/G			0.0829	0.0829	SVLR	36629	9J476910	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-08	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	THORIUM	=	0	7.7	MG/KG			0.043	0.21	SVLL	F7H290200	F7H290200001	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	THALLIUM	TR	0	0.52	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	URANIUM	=	0	2.4	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200001	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	VANADIUM	=	0	33	MG/KG			1.8	5	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-22	BGS-A1-22S	N	7/30/2007	0.16	0.83	ZINC	ND	0	35	MG/KG	UJ	2	35	50	DEL	IQH0284	IQH0284-08	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/14/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	ALUMINUM	=	0	6300	MG/KG			5	10	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	ARSENIC	=	0	4.5	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/14/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	BARIUM	=	0	72	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/14/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	BERYLLIUM	TR	0	0.29	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	CALCIUM	=	0	3100	MG/KG			6.2	15	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/14/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	COBALT	=	0	2.8	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	CHROMIUM, TOTAL	=	0	6.1	MG/KG			1.8	5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	COPPER	=	0	5.5	MG/KG			1.9	5	DEL	IQH0048	IQH0048-32	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	IRON	=	0	8100	MG/KG			1.5	5	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-32	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	POTASSIUM	=	0	930	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	MAGNESIUM	=	0	1800	MG/KG			1	10	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	MANGANESE	=	0	190	MG/KG			0.8	1	DEL	IQH0048	IQH0048-32	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23D	N	7/29/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG											

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/14/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	SODIUM	=	0	240	MG/KG			24	50	DEL	IQH0048	IQH0048-31	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	NICKEL	TR	0	3.8	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	LEAD	=	0	6.8	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	RADIUM-226	=	0.17	1.32	PCI/G			0.0367	0.0367	SVLR	36629	9J477E10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	RADIUM-228	=	0.24	1.59	PCI/G			0.0716	0.0716	SVLR	36629	9J477E10	METHOD	E901.1	8/24/2007	9/7/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-31	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/14/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	THORIUM	=	0	7	MG/KG			0.043	0.2	SVLL	F7H290265	F7H290265016	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/11/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	URANIUM	=	0	1	MG/KG			0.02	0.1	SVLL	F7H290265	F7H290265016	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	VANADIUM	=	0	28	MG/KG			1.8	5	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-23	BGS-A1-23S	N	7/29/2007	0.16	0.83	ZINC	TR	0	31	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-31	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	ALUMINUM	=	0	6200	MG/KG			5	10	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	ARSENIC	TR	0	2.3	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	BARIUM	=	0	77	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	BERYLLIUM	TR	0	0.29	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	CALCIUM	=	0	2200	MG/KG			6.2	15	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	COBALT	=	0	3.2	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	CHROMIUM, TOTAL	TR	0	3.8	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	COPPER	=	0	12	MG/KG			1.9	5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	IRON	=	0	7900	MG/KG			1.5	5	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-34	SW7471A		8/10/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	POTASSIUM	=	0	830	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	MAGNESIUM	=	0	2200	MG/KG			1	10	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	MANGANESE	=	0	160	MG/KG			0.8	1	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	MOLYBDENUM	TR	0	0.49	MG/KG	J	T,4L	0.4	5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	SODIUM	=	0	960	MG/KG			24	50	DEL	IQH0048	IQH0048-34	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	NICKEL	TR	0	4.3	MG/KG	J	T	2.2	5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	LEAD	=	0	4	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-34	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	RADIUM-226	=	0.12	0.909	PCI/G			0.0348	0	SVLR	36776	9J478V10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	RADIUM-228	=	0.15	0.903	PCI/G			0.065	0	SVLR	36776	9J478V10	METHOD	E901.1	8/29/2007	9/18/2007
BGS-A1-24	BGS-A1-24D	N	7/28/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-33	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-33	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	THORIUM	=	0	6.1	MG/KG			0.043	0.21	SVLL	F7H290265	F7H290265006	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	THALLIUM	TR	0	0.64	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-33	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	URANIUM	=	0	0.68	MG/KG			0.021	0.1	SVLL	F7H290265	F7H290265006	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	VANADIUM	=	0	16	MG/KG			1.8	5	DEL	IQH0048	IQH0048-33	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-24	BGS-A1-24S	N	7/28/2007	0.16	0.83	ZINC	TR	0	21	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-33	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	ALUMINUM	=	0	8000	MG/KG			5	10	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	ARSENIC	=	0	3.1	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	BORON	TR	0	2.7	MG/KG	J	T	2.1	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	BARIUM	=	0	65	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	BERYLLIUM	TR	0	0.44	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	CALCIUM	=	0	7100	MG/KG			6.2	15	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	COBALT	=	0	2.9	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	CHROMIUM, TOTAL	TR	0	2.8	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	COPPER	=	0	9.7	MG/KG			1.9	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	IRON	=	0	9100	MG/KG			1.5	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-36	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	POTASSIUM	=	0	1100	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	MAGNESIUM	=	0	2600	MG/KG			1	10	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	MANGANESE	=	0	200	MG/KG			0.8	1	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	SODIUM	=	0	640	MG/KG			24	50	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	NICKEL	TR	0	3.4	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	LEAD	=	0	5.5	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	RADIUM-226	=	0.19	1.45	PCI/G			0.0408	0.0408	SVLR	36752	9J478810	METHOD	E901.1	8/24/2007	9/11/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	RADIUM-228	=	0.27	1.81	PCI/G			0.0847	0.0847	SVLR	36752	9J478810	METHOD	E901.1	8/24/2007	9/11/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-36	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	THORIUM	=	0	8.1	MG/KG			0.043	0.21	SVLL	F7H290265	F7H290265005	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	URANIUM	=	0	1.4	MG/KG			0.021	0.1	SVLL	F7H290265	F7H290265005	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	VANADIUM	=	0	14	MG/KG			1.8	5	DEL	IQH0048	IQH0048-36	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-25	BGS-A1-25D	N	7/28/2007	2	3	ZINC	TR	0	20	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-25	BGS-A1-25S	N	7/28/2007	0.16	0.83	ZINC	TR	0	33	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-35	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	ALUMINUM	=	0	6200	MG/KG			5	10	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	ARSENIC	TR	0	2.4	MG/KG	J	T	1.7	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	BARIUM	=	0	85	MG/KG	J	4L	0.64	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	BERYLLIUM	TR	0	0.43	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	CALCIUM	=	0	1800	MG/KG			6.2	15	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	COBALT	=	0	3.8	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	CHROMIUM, TOTAL	ND	0	6.2	MG/KG	UJ	2	6.2	11	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	COPPER	=	0	14	MG/KG			1.9	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	IRON	=	0	8100	MG/KG			1.5	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-11	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	POTASSIUM	=	0	1100	MG/KG			19	50	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	MAGNESIUM	=	0	1900	MG/KG			1	10	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	MANGANESE	=	0	200	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	SODIUM	=	0	430	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	NICKEL	TR	0	4.1	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	LEAD	=	0	5.8	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	RADIUM-226	=	0.17	1.31	PCI/G			0.0302	0.0302	SVLR	36629	9J476E10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	RADIUM-228	=	0.26	1.64	PCI/G			0.0615	0.0615	SVLR	36629	9J476E10	METHOD	E901.1	8/24/2007	9/6/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-11	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	SELENIUM	ND	0	0.74	MG/KG	U		0.74	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	THORIUM	=	0	7.4	MG/KG			0.043	0.21	SVLL	F7H290200	F7H290200011	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	URANIUM	=	0	0.89	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200011	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	VANADIUM	=	0	29	MG/KG			1.7	5	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26D	N	7/30/2007	2	3	ZINC	ND	0	31	MG/KG	UJ	2	31	50	DEL	IQH0284	IQH0284-11	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.49	MG/KG	U		0.49	2.5	DEL	IQH0284	IQH0284-10	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	10000	MG/KG			5	10	DEL	IQH0284	IQH0284-10	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	3.8	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-10	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26S	N	7/30/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-10	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-26	BGS-A1-26S	N	7/30/2007	0.16	0.83	BARIUM	=	0	110	MG/KG	J	4L	0.64	2.5	DEL	IQH0284	IQH0284-10	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-26	BGS-A1-26S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.56	MG/KG	J	T	0.2	1.5							

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	BERYLLIUM	TR	0	0.32	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	CALCIUM	=	0	5500	MG/KG			6.2	15	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	COBALT	=	0	3.2	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	CHROMIUM, TOTAL	TR	0	4.3	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	COPPER	=	0	14	MG/KG			1.9	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	IRON	=	0	8800	MG/KG			1.5	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-38	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	POTASSIUM	=	0	890	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	MAGNESIUM	=	0	2400	MG/KG			1	10	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	SODIUM	=	0	220	MG/KG			24	50	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	NICKEL	TR	0	3.9	MG/KG	J	T	2.3	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	LEAD	=	0	3.9	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	RADIUM-226	=	0.12	0.886	PCI/G			0.0274	0.0274	SVLR	36752	9J479M10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	RADIUM-228	=	0.18	0.925	PCI/G			0.0547	0.0547	SVLR	36752	9J479M10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-38	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	THORIUM	=	0	6.8	MG/KG			0.043	0.21	SVLL	F7H290155	F7H290155006	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	URANIUM	=	0	1.2	MG/KG			0.021	0.1	SVLL	F7H290155	F7H290155006	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	VANADIUM	=	0	18	MG/KG			1.8	5	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27D	N	7/27/2007	2	3	ZINC	TR	0	20	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-38	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	ALUMINUM	=	0	9300	MG/KG			5	10	DEL	IQH0048	IQH0048-37	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	ARSENIC	TR	0	2	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-37	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	BARIUM	=	0	69	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	BERYLLIUM	TR	0	0.45	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	CALCIUM	=	0	2300	MG/KG			6.2	15	DEL	IQH0048	IQH0048-37	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	COBALT	=	0	4.3	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	3.7	MG/KG	J	T	1.8	5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	COPPER	=	0	26	MG/KG			1.9	5	DEL	IQH0048	IQH0048-37	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-27	BGS-A1-27S	N	7/27/2007	0.16	0.83	IRON	=	0	12000	MG/KG			1.5	5	DEL						

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	IRON	=	0	11000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-13	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-13	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	POTASSIUM	=	0	1200	MG/KG			19	50	DEL	IQH0284	IQH0284-13	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	MAGNESIUM	=	0	2600	MG/KG			1	10	DEL	IQH0284	IQH0284-13	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	MANGANESE	=	0	310	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-13	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	MOLYBDENUM	TR	0	0.52	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	SODIUM	=	0	1200	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-13	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	NICKEL	TR	0	3.7	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	LEAD	=	0	6.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	RADIUM-226	=	0.18	1.41	PCI/G			0.0464	0.0464	SVLR	36624	9J475R10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	RADIUM-228	=	0.26	1.62	PCI/G			0.0951	0.0951	SVLR	36624	9J475R10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-13	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	THORIUM	=	0	10.4	MG/KG			0.043	0.21	SVLL	F7H290200	F7H290200013	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	URANIUM	=	0	1.7	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200013	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	VANADIUM	=	0	24	MG/KG			1.7	5	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-28	BGS-A1-28D	N	7/30/2007	2	3	ZINC	TR	0	40	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-13	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	9500	MG/KG			5	10	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	4.4	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	BARIUM	=	0	120	MG/KG	J	4L	0.65	2.5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.84	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	CALCIUM	=	0	6600	MG/KG			6.2	15	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	COBALT	=	0	5.8	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	11	MG/KG	UJ	2	11	11	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	COPPER	=	0	28	MG/KG			1.9	5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	IRON	=	0	9000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-12	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	1600	MG/KG			19	50	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	3200	MG/KG			1	10	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	190	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-12	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	MOLYBDENUM	TR	0	0.49	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-12	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-28	BGS-A1-28S	N	7/30/2007	0.16	0.83	SODIUM	=</														

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	SODIUM	=	0	1100	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-15	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	NICKEL	=	0	6	MG/KG			2.2	5	DEL	IQH0284	IQH0284-15	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	LEAD	=	0	8.3	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-15	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	RADIUM-226	=	0.18	1.45	PCI/G			0.0388	0.0388	SVLR	36624	9J475P10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	RADIUM-228	=	0.26	1.71	PCI/G			0.0732	0.0732	SVLR	36624	9J475P10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-15	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-15	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	THORIUM	=	0	9.6	MG/KG			0.043	0.21	SVLL	F7H290200	F7H290200015	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-15	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	URANIUM	=	0	1.8	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200015	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	VANADIUM	=	0	37	MG/KG			1.8	5	DEL	IQH0284	IQH0284-15	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29D	N	7/30/2007	2	3	ZINC	ND	0	41	MG/KG	UJ	2	41	50	DEL	IQH0284	IQH0284-15	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	5.6	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	BORON	=	0	7.3	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	BARIUM	=	0	110	MG/KG	J	4L	0.65	2.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.6	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	CALCIUM	=	0	20000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	COBALT	=	0	4.6	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	6.7	MG/KG	UJ	2	6.7	11	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	COPPER	=	0	22	MG/KG			1.9	5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	IRON	=	0	9900	MG/KG			1.5	5	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-14	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	2500	MG/KG			19	50	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	3500	MG/KG			1	10	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	190	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	MOLYBDENUM	TR	0	0.84	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	SODIUM	=	0	2600	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	NICKEL	=	0	5.9	MG/KG			2.2	5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	LEAD	=	0	6.2	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-14	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	RADIUM-226	=	0.19	1.46	PCI/G			0.0405	0.0405	SVLR	36624	9J475N10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	RADIUM-228	=	0.31	1.84	PCI/G			0.0846	0.0846	SVLR	36624	9J475N10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-29	BGS-A1-29S	N	7/30/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-14	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-29	BGS-A1-29S	N</td																			

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-30	BGS-A1-30D	N	7/28/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-40	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-30	BGS-A1-30D	N	7/28/2007	2	3	THORIUM	=	0	8.9	MG/KG			0.043	0.21	SVLL	F7H290155	F7H290155010	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-30	BGS-A1-30D	N	7/28/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-40	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-30	BGS-A1-30D	N	7/28/2007	2	3	URANIUM	=	0	1.1	MG/KG			0.021	0.1	SVLL	F7H290155	F7H290155010	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-30	BGS-A1-30D	N	7/28/2007	2	3	VANADIUM	=	0	10	MG/KG			1.8	5	DEL	IQH0048	IQH0048-40	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30D	N	7/28/2007	2	3	ZINC	TR	0	17	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-40	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	ALUMINUM	=	0	6000	MG/KG			5	10	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	ARSENIC	ND	0	1.7	MG/KG	U		1.7	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	BARIUM	=	0	87	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	BERYLLIUM	TR	0	0.28	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	CALCIUM	=	0	2400	MG/KG			6.2	15	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	COBALT	TR	0	2.2	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	2.3	MG/KG	J	T	1.7	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	COPPER	=	0	6.1	MG/KG			1.9	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	IRON	=	0	7900	MG/KG			1.5	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-39	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	POTASSIUM	=	0	1400	MG/KG	J	4H	19	50	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	MAGNESIUM	=	0	2100	MG/KG			1	10	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	MANGANESE	=	0	330	MG/KG			0.8	1	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	SODIUM	=	0	190	MG/KG			24	50	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	NICKEL	ND	0	2.2	MG/KG	U		2.2	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	LEAD	=	0	4.9	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	RADIUM-226	=	0.16	1.2	PCI/G			0.033	0.033	SVLR	36752	9J479F10	METHOD	E901.1	8/24/2007	9/11/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	RADIUM-228	=	0.28	1.7	PCI/G			0.0669	0.0669	SVLR	36752	9J479F10	METHOD	E901.1	8/24/2007	9/11/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-39	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	THORIUM	=	0	8	MG/KG			0.042	0.2	SVLL	F7H290155	F7H290155009	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	URANIUM	=	0	1.1	MG/KG			0.02	0.1	SVLL	F7H290155	F7H290155009	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	VANADIUM	=	0	11	MG/KG			1.7	5	DEL	IQH0048	IQH0048-39	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-30	BGS-A1-30S	N	7/28/2007	0.16	0.83	ZINC	TR	0	21	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-42	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31																				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	ALUMINUM	=	0	6800	MG/KG			5	10	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	ARSENIC	=	0	5.8	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	BARIUM	=	0	64	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	BERYLLIUM	TR	0	0.37	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	CALCIUM	=	0	12000	MG/KG			6.2	15	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	COBALT	=	0	2.7	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	CHROMIUM, TOTAL	ND	0	1.8	MG/KG	U		1.8	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	COPPER	=	0	6.7	MG/KG			1.9	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	IRON	=	0	8200	MG/KG			1.5	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-43	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	POTASSIUM	=	0	900	MG/KG			19	50	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	MAGNESIUM	=	0	2100	MG/KG			1	10	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	MANGANESE	=	0	210	MG/KG			0.8	1	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	SODIUM	=	0	930	MG/KG			24	50	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	NICKEL	ND	0	2.3	MG/KG	U		2.3	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	LEAD	=	0	4.1	MG/KG			0.25	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	RADIUM-226	=	0.2	1.52	PCI/G			0.0486	0.0486	SVLR	36752	9J479D10	METHOD	E901.1	8/24/2007	9/11/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	RADIUM-228	=	0.27	1.72	PCI/G			0.101	0.101	SVLR	36752	9J479D10	METHOD	E901.1	8/24/2007	9/11/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-43	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	THORIUM	=	0	8.5	MG/KG			0.043	0.21	SVLL	F7H290265	F7H290265003	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	URANIUM	=	0	2.4	MG/KG			0.021	0.1	SVLL	F7H290265	F7H290265003	NONE	SW6020	9/13/2007	9/18/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	VANADIUM	=	0	14	MG/KG			1.8	5	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31D-2	N	7/28/2007	2	3	ZINC	TR	0	20	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-43	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-41	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	ALUMINUM	=	0	13000	MG/KG			5	10	DEL	IQH0048	IQH0048-41	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	ARSENIC	=	0	3.9	MG/KG			1.8	2.5	DEL	IQH0048	IQH0048-41	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	BORON	=	0	5.1	MG/KG	J	4L	2.1	5	DEL	IQH0048	IQH0048-41	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	BARIUM	=	0	110	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-41	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	BERYLLIUM	TR	0	0.6	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-41	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-31	BGS-A1-31S	N	7/28/2007	0.16	0.83	CALCIUM	=	0	9400	MG/KG			6.2								

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	CALCIUM	=	0	2600	MG/KG			6.2	15	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	COBALT	TR	0	1.7	MG/KG	J	T	0.4	2.5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	CHROMIUM, TOTAL	ND	0	1.8	MG/KG	U		1.8	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	COPPER	=	0	6.9	MG/KG			1.9	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	IRON	=	0	6800	MG/KG			1.5	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0048	IQH0048-45	METHOD	SW7471A	8/10/2007	8/10/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	POTASSIUM	=	0	620	MG/KG			19	50	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	MAGNESIUM	=	0	1600	MG/KG			1	10	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	MANGANESE	=	0	140	MG/KG			0.8	1	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	SODIUM	=	0	110	MG/KG			24	50	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/10/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	NICKEL	ND	0	2.2	MG/KG	U		2.2	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	LEAD	TR	0	2.4	MG/KG	J	T	0.25	2.5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	RADIUM-226	=	0.11	0.705	PCI/G			0.0411	0.0411	SVLR	36752	9J479J10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	RADIUM-228	=	0.15	0.796	PCI/G			0.0826	0.0826	SVLR	36752	9J479J10	METHOD	E901.1	8/24/2007	9/12/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0048	IQH0048-45	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	THORIUM	=	0	5.4	MG/KG			0.043	0.2	SVLL	F7H290155	F7H290155008	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/14/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	URANIUM	=	0	0.73	MG/KG			0.02	0.1	SVLL	F7H290155	F7H290155008	NONE	SW6020	8/31/2007	9/20/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	VANADIUM	=	0	7.9	MG/KG			1.8	5	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32D	N	7/28/2007	2	3	ZINC	TR	0	12	MG/KG	J	T	6.5	50	DEL	IQH0048	IQH0048-45	SW3050B	SW6020	8/11/2007	8/13/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	ALUMINUM	=	0	6700	MG/KG			5	10	DEL	IQH0048	IQH0048-44	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	ARSENIC	TR	0	2.5	MG/KG	J	T	1.8	2.5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0048	IQH0048-44	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	BARIUM	=	0	57	MG/KG			0.65	2.5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	BERYLLIUM	TR	0	0.36	MG/KG	J	T	0.2	1.5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	CALCIUM	=	0	2200	MG/KG			6.2	15	DEL	IQH0048	IQH0048-44	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	COBALT	=	0	3.9	MG/KG			0.4	2.5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	7.3	MG/KG	UJ	2	7.3	17	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	COPPER	=	0	23	MG/KG	J	4H,5	1.9	5	DEL	IQH0048	IQH0048-44	SW3050B	SW6020	8/15/2007	8/15/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	IRON	=	0	8800	MG/KG			1.5	5	DEL	IQH0048	IQH0048-44	SW3050B	SW6010B	8/9/2007	8/9/2007
BGS-A1-32	BGS-A1-32S	N	7/28/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012								

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-17	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	POTASSIUM	=	0	1600	MG/KG			19	50	DEL	IQH0284	IQH0284-17	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	MAGNESIUM	=	0	3600	MG/KG			1	10	DEL	IQH0284	IQH0284-17	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	MANGANESE	=	0	240	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-17	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	MOLYBDENUM	TR	0	3.4	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	SODIUM	=	0	1900	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-17	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	NICKEL	=	0	9.9	MG/KG			2.2	5	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	LEAD	=	0	9.1	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	RADIUM-226	=	0.25	1.94	PCI/G			0.0478	0.0478	SVLR	36624	9J475M10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	RADIUM-228	=	0.27	1.81	PCI/G			0.0903	0.0903	SVLR	36624	9J475M10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-17	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	THORIUM	=	0	11.6	MG/KG			0.043	0.21	SVLL	F7H290200	F7H290200017	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	URANIUM	=	0	3.9	MG/KG			0.021	0.1	SVLL	F7H290200	F7H290200017	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	VANADIUM	=	0	50	MG/KG			1.8	5	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33D	N	7/30/2007	2	3	ZINC	=	0	56	MG/KG			6.5	50	DEL	IQH0284	IQH0284-17	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	9600	MG/KG			5	10	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	3.5	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	BORON	=	0	5.5	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	BARIUM	=	0	75	MG/KG			0.64	2.5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.69	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	CALCIUM	=	0	9700	MG/KG			6.2	15	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	COBALT	=	0	6	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	7.8	MG/KG			1.7	5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	COPPER	=	0	24	MG/KG			1.9	5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	IRON	=	0	10000	MG/KG	J	T	0.012	0.02	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	MERCURY	TR	0	0.013	MG/KG	J	T			DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	1500	MG/KG			19	50	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	3700	MG/KG			1	10	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	220	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	MOLYBDENUM	TR	0	0.71	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-16	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	SODIUM	=	0	1100	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-16	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-33	BGS-A1-33S	N	7/30/2007	0.16	0.83	NICKEL	=	0													

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	NICKEL	TR	0	3.8	MG/KG	J	T	2.2	4.9	DEL	IQH0284	IQH0284-19	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	LEAD	=	0	4.4	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-19	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	RADIUM-226	=	0.17	1.33	PCI/G			0.0449	0.0449	SVLR	36624	9J475H10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	RADIUM-228	=	0.23	1.42	PCI/G			0.0874	0.0874	SVLR	36624	9J475H10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-19	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	SELENIUM	ND	0	0.74	MG/KG	U		0.74	4.9	DEL	IQH0284	IQH0284-19	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	THORIUM	=	0	9.4	MG/KG			0.043	0.2	SVLL	F7H290200	F7H290200019	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	THALLIUM	ND	0	0.39	MG/KG	U		0.39	2.5	DEL	IQH0284	IQH0284-19	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	URANIUM	=	0	1.3	MG/KG			0.02	0.1	SVLL	F7H290200	F7H290200019	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	VANADIUM	=	0	21	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-19	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34D	N	7/30/2007	2	3	ZINC	ND	0	26	MG/KG	UJ	2	26	49	DEL	IQH0284	IQH0284-19	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	ARSENIC	=	0	3.7	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	BARIUM	=	0	140	MG/KG	J	4L	0.65	2.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	BERYLLIUM	TR	0	0.99	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	CALCIUM	=	0	2300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	CADMIUUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	COBALT	=	0	7.8	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	11	MG/KG	UJ	2	11	11	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	COPPER	=	0	29	MG/KG			1.9	5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	IRON	=	0	12000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-18	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	POTASSIUM	=	0	1300	MG/KG			19	50	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	MAGNESIUM	=	0	3300	MG/KG			1	10	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	MANGANESE	=	0	180	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	MOLYBDENUM	TR	0	0.8	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	SODIUM	=	0	330	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	NICKEL	=	0	7.7	MG/KG			2.2	5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	LEAD	=	0	8.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	RADIUM-226	=	0.21	1.63	PCI/G			0.0482	0.0482	SVLR	36624	9J475E10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	RADIUM-228	=	0.27	1.78	PCI/G			0.0889	0.0889	SVLR	36624	9J475E10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-18	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-34	BGS-A1-34S	N	7/30/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-18	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-34</																					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-35	BGS-A1-35D	N	7/31/2007	2	3	THORIUM	=	0	10.1	MG/KG			0.043	0.21	SVLL	F7H290206	F7H290206010	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-35	BGS-A1-35D	N	7/31/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-21	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35D	N	7/31/2007	2	3	URANIUM	=	0	2.1	MG/KG			0.021	0.1	SVLL	F7H290206	F7H290206010	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-35	BGS-A1-35D	N	7/31/2007	2	3	VANADIUM	=	0	43	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-21	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35D	N	7/31/2007	2	3	ZINC	TR	0	44	MG/KG	U		6.5	50	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	ALUMINUM	=	0	15000	MG/KG			5	10	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	ARSENIC	=	0	3.8	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	BORON	TR	0	4.8	MG/KG	J	T,4L	2.1	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	BARIUM	=	0	140	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	BERYLLIUM	TR	0	0.99	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	CALCIUM	=	0	11000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	COBALT	=	0	8.7	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	12	MG/KG			1.8	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	COPPER	=	0	41	MG/KG			1.9	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	IRON	=	0	15000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-20	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	POTASSIUM	=	0	2900	MG/KG			19	50	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	MAGNESIUM	=	0	5500	MG/KG			1	10	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	MANGANESE	=	0	270	MG/KG	J	4L	0.8	1	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	MOLYBDENUM	TR	0	0.54	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	SODIUM	=	0	520	MG/KG	J	4L	24	50	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	NICKEL	=	0	12	MG/KG			2.2	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	LEAD	=	0	10	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	RADIUM-226	=	0.22	1.68	PCI/G			0.056	0.056	SVLR	36624	9J474W10	METHOD	E901.1	8/23/2007	9/4/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	RADIUM-228	=	0.27	1.64	PCI/G			0.112	0.112	SVLR	36624	9J474W10	METHOD	E901.1	8/23/2007	9/4/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-20	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	THORIUM	=	0	11.8	MG/KG			0.044	0.21	SVLL	F7H290206	F7H290206009	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	URANIUM	=	0	1.8	MG/KG			0.021	0.1	SVLL	F7H290206	F7H290206009	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	VANADIUM	=	0	34	MG/KG			1.8	5	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-35	BGS-A1-35S	N	7/31/2007	0.16	0.83	ZINC	=	0	55	MG/KG			6.5	50	DEL	IQH0284	IQH0284-20	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A1-36	BGS-A1-36D	N	7/31/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-23	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-36	BGS-A1-																				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	ARSENIC	=	0	4.2	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	BARIUM	=	0	110	MG/KG	J	T	0.65	2.5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	BERYLLIUM	TR	0	0.57	MG/KG			6.2	15	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	CALCIUM	=	0	3400	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	COBALT	=	0	11	MG/KG			1.8	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	6.2	MG/KG			1.9	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	COPPER	=	0	67	MG/KG			1.5	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	IRON	=	0	18000	MG/KG			0.012	0.02	DEL	IQH0284	IQH0284-22	SW3050B	SW7471A	8/10/2007	8/14/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		19	50	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/11/2007	
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	POTASSIUM	=	0	2400	MG/KG	J	4H	1	10	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	MAGNESIUM	=	0	5600	MG/KG			0.8	1	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	MANGANESE	=	0	360	MG/KG			0.4	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	MOLYBDENUM	TR	0	1.4	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	SODIUM	=	0	640	MG/KG			24	50	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	NICKEL	=	0	9.3	MG/KG			2.2	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	LEAD	=	0	6.6	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	RADIUM-226	=	0.17	1.31	PCI/G			0.0336	0.0336	SVLR	36624	9J474410	METHOD	E901.1	8/23/2007	9/4/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	RADIUM-228	=	0.21	1.32	PCI/G			0.0636	0.0636	SVLR	36624	9J474410	METHOD	E901.1	8/23/2007	9/4/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-22	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	THORIUM	=	0	8.6	MG/KG			0.042	0.2	SVLL	F7H290206	F7H290206007	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	THALLIUM	TR	0	0.75	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	URANIUM	=	0	1.6	MG/KG			0.02	0.1	SVLL	F7H290206	F7H290206007	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	VANADIUM	=	0	41	MG/KG			1.8	5	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-36	BGS-A1-36S	N	7/31/2007	0.16	0.83	ZINC	TR	0	42	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-22	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	SILVER	ND	0	0.49	MG/KG	U		0.49	2.5	DEL	IQH0284	IQH0284-25	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	ALUMINUM	=	0	10000	MG/KG			5	10	DEL	IQH0284	IQH0284-25	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	ARSENIC	=	0	13	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-25	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-25	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	BARIUM	=	0	61	MG/KG	J	4L	0.64	2.5	DEL	IQH0284	IQH0284-25	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	BERYLLIUM	TR	0	0.37	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-25	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37D	N	8/2/2007	2	3	CALCIUM	=	0	8400	MG/KG			6.2	15	DEL	IQH0284	IQH0284-25	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37D	N	8																		

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	COBALT	=	0	13	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	5.9	MG/KG	UJ	2	5.9	11	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	COPPER	=	0	60	MG/KG			1.9	5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	IRON	=	0	17000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-24	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	MERCURY	TR	0	0.019	MG/KG	J	T	0.012	0.02	DEL	IQH0284	IQH0284-24	SW7471A	METHOD	8/14/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	POTASSIUM	=	0	1600	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-24	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	MAGNESIUM	=	0	5400	MG/KG			1	10	DEL	IQH0284	IQH0284-24	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	MANGANESE	=	0	530	MG/KG			0.8	1	DEL	IQH0284	IQH0284-24	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	MOLYBDENUM	TR	0	0.69	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	SODIUM	=	0	600	MG/KG			24	50	DEL	IQH0284	IQH0284-24	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	NICKEL	=	0	9.4	MG/KG			2.2	5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	LEAD	=	0	5.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	RADIUM-226	=	0.26	2.04	PCI/G			0.0502	0.0502	SVLR	36753	9J472P10	METHOD	E901.1	8/23/2007	9/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	RADIUM-228	=	0.2	1.12	PCI/G			0.0993	0.0993	SVLR	36753	9J472P10	METHOD	E901.1	8/23/2007	9/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-24	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	THORIUM	=	0	4.9	MG/KG			0.043	0.2	SVLL	F7H290214	F7H290214018	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	URANIUM	=	0	2.1	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214018	NONE	SW6020	9/20/2007	9/21/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	VANADIUM	=	0	52	MG/KG			1.8	5	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A1-37	BGS-A1-37S	N	8/2/2007	0.16	0.83	ZINC	TR	0	48	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-24	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	ALUMINUM	=	0	8400	MG/KG			5	10	DEL	IQH0284	IQH0284-27	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	ARSENIC	=	0	8.6	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-27	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	BAARIUM	=	0	130	MG/KG	J	4L	0.65	2.5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	BERYLLIUM	TR	0	0.51	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	CALCIUM	=	0	12000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-27	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	COBALT	=	0	7.2	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	CHROMIUM, TOTAL	ND	0	6.1	MG/KG	UJ	2	6.1	11	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	COPPER	=	0	34	MG/KG			1.9	5	DEL	IQH0284	IQH0284-27	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	IRON	=	0	13000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-27	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-27	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-38	BGS-A2-38D	N	7/31/2007	2	3	POTASSIUM	=														

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	POTASSIUM	=	0	1200	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-26	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	MAGNESIUM	=	0	3800	MG/KG			1	10	DEL	IQH0284	IQH0284-26	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	MANGANESE	=	0	270	MG/KG			0.8	1	DEL	IQH0284	IQH0284-26	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	MOLYBDENUM	TR	0	2.1	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	SODIUM	=	0	2300	MG/KG			24	50	DEL	IQH0284	IQH0284-26	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	NICKEL	=	0	7.9	MG/KG			2.2	5	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	LEAD	=	0	7	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	RADIUM-226	=	0.21	1.64	PCI/G			0.049	0.049	SVLR	36624	9J474910	METHOD	E901.1	8/23/2007	9/4/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	RADIUM-228	=	0.23	1.42	PCI/G			0.0929	0.0929	SVLR	36624	9J474910	METHOD	E901.1	8/23/2007	9/4/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-26	SW3050B	SW6010B	8/10/2007	8/11/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	THORIUM	=	0	7.6	MG/KG			0.043	0.21	SVLL	F7H290206	F7H290206005	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	URANIUM	=	0	2.7	MG/KG			0.021	0.1	SVLL	F7H290206005	NONE	SW6020	9/20/2007	9/21/2007	
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	VANADIUM	=	0	42	MG/KG			1.8	5	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-38	BGS-A2-38S	N	7/31/2007	0.16	0.83	ZINC	TR	0	45	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-26	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	ALUMINUM	=	0	4200	MG/KG			5	10	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	ARSENIC	=	0	3.8	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	BARIUM	=	0	50	MG/KG	J	4L	0.65	2.5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	BERYLLOIUM	TR	0	0.33	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	CALCIUM	=	0	4100	MG/KG			6.3	15	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	COBALT	=	0	3.6	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	CHROMIUM, TOTAL	ND	0	4.5	MG/KG	UJ	2	4.5	11	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	COPPER	=	0	140	MG/KG			1.9	5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	IRON	=	0	7700	MG/KG			1.5	5	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-29	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	POTASSIUM	=	0	650	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	MANGANESE	=	0	1700	MG/KG			1	10	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	MANGANESE	=	0	110	MG/KG			0.8	1	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	MOLYBDENUM	TR	0	1.4	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	SODIUM	=	0	270	MG/KG			24	50	DEL	IQH0284	IQH0284-29	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	NICKEL	TR	0	4.4	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-29	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-39	BGS-A2-39D	N	7/31/2007	2	3	LEAD	=	0	3.1	MG/KG			0.25								

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	LEAD	=	0	6.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-28	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	RADIUM-226	=	0.18	1.44	PCI/G			0.0312	0.0312	SVLR	36754	9J48AX10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	RADIUM-228	=	0.23	1.45	PCI/G			0.0625	0.0625	SVLR	36754	9J48AX10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-28	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-28	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	THORIUM	=	0	8.4	MG/KG			0.043	0.21	SVLL	F7H290206	F7H290206003	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-28	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	URANIUM	=	0	1.5	MG/KG			0.021	0.1	SVLL	F7H290206	F7H290206003	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	VANADIUM	=	0	29	MG/KG			1.8	5	DEL	IQH0284	IQH0284-28	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-39	BGS-A2-39S	N	7/31/2007	0.16	0.83	ZINC	TR	0	29	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-28	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	ALUMINUM	=	0	6600	MG/KG			5	10	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	ARSENIC	=	0	3.8	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	BARIUM	=	0	74	MG/KG	J	4L	0.65	2.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	BERYLLIUM	TR	0	0.39	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	CALCIUM	=	0	5000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	COBALT	=	0	5.8	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	CHROMIUM, TOTAL	ND	0	7.1	MG/KG	UJ	2	7.1	11	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	COPPER	=	0	200	MG/KG			1.9	5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	IRON	=	0	10000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-31	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	POTASSIUM	=	0	1100	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	MAGNESIUM	=	0	2800	MG/KG			1	10	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	MOLYBDENUM	TR	0	2	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	SODIUM	=	0	240	MG/KG			24	50	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	NICKEL	=	0	6	MG/KG			2.2	5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	LEAD	=	0	4.3	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	RADIUM-226	=	0.16	1.17	PCI/G			0.0386	0.0386	SVLR	36624	9J475D10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	RADIUM-228	=	0.18	1.03	PCI/G			0.0753	0.0753	SVLR	36624	9J475D10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-31	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-31	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	THORIUM	=	0	6.6	MG/KG			0.042	0.2	SVLL	F7H290206	F7H290206002	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-40	BGS-A2-40D	N	7/31/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.								

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-40	BGS-A2-40S	N	7/31/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-30	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40S	N	7/31/2007	0.16	0.83	URANIUM	=	0	1.1	MG/KG			0.02	0.1	SVLL	F7H290206	F7H290206001	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-40	BGS-A2-40S	N	7/31/2007	0.16	0.83	VANADIUM	=	0	36	MG/KG			1.8	5	DEL	IQH0284	IQH0284-30	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-40	BGS-A2-40S	N	7/31/2007	0.16	0.83	ZINC	ND	0	33	MG/KG	UJ	2	33	50	DEL	IQH0284	IQH0284-30	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	SILVER	ND	0	0.49	MG/KG	U		0.49	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	ALUMINUM	=	0	7900	MG/KG			5	10	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	ARSENIC	=	0	4.5	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	BARIUM	=	0	67	MG/KG	J	4L	0.64	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	BERYLLIUM	TR	0	0.41	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	CALCIUM	=	0	5700	MG/KG			6.3	15	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	COBALT	=	0	7.3	MG/KG			0.39	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	CHROMIUM, TOTAL	ND	0	4.5	MG/KG	UJ	2	4.5	11	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	COPPER	=	0	270	MG/KG			1.9	4.9	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	IRON	=	0	9900	MG/KG			1.5	5	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-34	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	POTASSIUM	=	0	1300	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	MAGNESIUM	=	0	3100	MG/KG			1	10	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	MOLYBDENUM	TR	0	4.4	MG/KG	J	T	0.39	4.9	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	SODIUM	=	0	800	MG/KG			24	50	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	NICKEL	=	0	5.3	MG/KG			2.2	4.9	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	LEAD	=	0	3.8	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	RADIUM-226	=	0.18	1.44	PCI/G			0.037	0.037	SVLR	36648	9J472610	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	RADIUM-228	=	0.23	1.45	PCI/G			0.068	0.068	SVLR	36648	9J472610	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-34	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	SELENIUM	ND	0	0.74	MG/KG	U		0.74	4.9	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	THORIUM	=	0	8.7	MG/KG			0.043	0.2	SVLL	F7H290214	F7H290214007	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	THALLIUM	ND	0	0.39	MG/KG	U		0.39	2.5	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	URANIUM	=	0	2.2	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214007	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	VANADIUM	=	0	27	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41D	N	8/1/2007	2	3	ZINC	ND	0	21	MG/KG	UJ	2	21	49	DEL	IQH0284	IQH0284-34	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-41	BGS-A2-41S-1	N	8/1/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-32	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-1	N	8/1/2007	0.16	0.83	ALUMINUM	=	0	7500	MG/KG			5	10	DEL	IQH0284	IQH0284-32	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-1	N	8/1/2007	0.16	0.83	ARSENIC	=	0	4.2	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-32	SW3050B			

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	ARSENIC	TR	0	2.4	MG/KG	J	T	1.8	2.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	BARIUM	=	0	61	MG/KG			0.66	2.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	BERYLLIUM	TR	0	0.36	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	CALCIUM	=	0	3700	MG/KG	U		6.2	15	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG			0.3	2.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	COBALT	=	0	4.3	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	4.3	MG/KG	J	T	1.8	5.1	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	COPPER	=	0	330	MG/KG			1.9	5.1	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	IRON	=	0	9000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-33	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	POTASSIUM	=	0	1600	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	MAGNESIUM	=	0	2800	MG/KG			1	10	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	MANGANESE	=	0	150	MG/KG			0.8	1	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	MOLYBDENUM	=	0	11	MG/KG			0.4	5.1	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	SODIUM	=	0	110	MG/KG			24	50	DEL	IQH0284	IQH0284-33	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	NICKEL	=	0	5.2	MG/KG			2.3	5.1	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	LEAD	=	0	4.9	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	RADIUM-226	=	0.17	1.32	PCI/G			0.0414	0.0414	SVLR	36648	91472510	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	RADIUM-228	=	0.22	1.29	PCI/G			0.0833	0.0833	SVLR	36648	91472510	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/10/2007	8/12/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	SELENIUM	ND	0	0.76	MG/KG	U		0.76	5.1	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	THORIUM	=	0	7	MG/KG			0.042	0.2	SVLL	F7H290214	F7H290214006	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	URANIUM	=	0	1.5	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214006	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	VANADIUM	=	0	23	MG/KG			1.8	5.1	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-41	BGS-A2-41S-2	FD	8/1/2007	0.16	0.83	ZINC	TR	0	20	MG/KG	J	T	6.6	51	DEL	IQH0284	IQH0284-33	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-36	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	ALUMINUM	=	0	7800	MG/KG			5	10	DEL	IQH0284	IQH0284-36	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	ARSENIC	=	0	8.7	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-36	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-36	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	BARIUM	=	0	38	MG/KG	J	4L	0.64	2.5	DEL	IQH0284	IQH0284-36	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	BERYLLIUM	TR	0	0.34	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-36	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	CALCIUM	=	0	8000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-36	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42D	N	8/1/2007	2	3	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-36	SW3050B	SW602		

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	COBALT	=	0	5.7	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	6.2	MG/KG	UJ	2	6.2	11	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	COPPER	=	0	130	MG/KG			1.9	5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	IRON	=	0	12000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-35	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-35	SW3050B	METHOD	SW7471A	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	POTASSIUM	=	0	1100	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-35	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	MAGNESIUM	=	0	3300	MG/KG			1	10	DEL	IQH0284	IQH0284-35	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	MANGANESE	=	0	150	MG/KG			0.8	1	DEL	IQH0284	IQH0284-35	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	MOLYBDENUM	TR	0	0.99	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	SODIUM	=	0	180	MG/KG			24	50	DEL	IQH0284	IQH0284-35	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	NICKEL	=	0	6.4	MG/KG			2.2	5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	LEAD	=	0	4.4	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	RADIUM-226	=	0.2	1.58	PCI/G			0.0408	0.0408	SVLR	36648	9J473D10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	RADIUM-228	=	0.21	1.37	PCI/G			0.0829	0.0829	SVLR	36648	9J473D10	METHOD	E901.1	8/23/2007	9/5/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-35	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	SELENIUM	ND	0	0.74	MG/KG	U		0.74	5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	THORIUM	=	0	8.2	MG/KG			0.042	0.2	SVLL	F7H290214	F7H290214003	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	URANIUM	=	0	2.2	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214003	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	VANADIUM	=	0	30	MG/KG			1.7	5	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-42	BGS-A2-42S	N	8/1/2007	0.16	0.83	ZINC	ND	0	29	MG/KG	UJ	2	29	50	DEL	IQH0284	IQH0284-35	SW3050B	SW6020	8/13/2007	8/14/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	ALUMINUM	=	0	5800	MG/KG			5	10	DEL	IQH0284	IQH0284-38	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	ARSENIC	=	0	3.1	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-38	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	BARIUM	=	0	54	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	BERYLLIUM	TR	0	0.26	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	CALCIUM	=	0	10000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-38	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	COBALT	=	0	4	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	CHROMIUM, TOTAL	TR	0	4.9	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	COPPER	=	0	89	MG/KG			1.9	5	DEL	IQH0284	IQH0284-38	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	IRON	=	0	9000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-38	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-38	SW3050B	METHOD	SW7471A	8/14/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	POTASSIUM	=	0	1100	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-38	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43D	N	8/1/2007	2	3	MAGNESIUM	=	0	3300	MG/KG			1</								

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	MAGNESIUM	=	0	5500	MG/KG			1	10	DEL	IQH0284	IQH0284-37	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	MANGANESE	=	0	270	MG/KG			0.8	1	DEL	IQH0284	IQH0284-37	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	MOLYBDENUM	TR	0	1.2	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	SODIUM	=	0	870	MG/KG			24	50	DEL	IQH0284	IQH0284-37	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	NICKEL	=	0	16	MG/KG			2.2	5	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	LEAD	=	0	8.6	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	RADIUM-226	=	0.24	1.91	PCI/G			0.0405	0.0405	SVLR	36753	9J471720	METHOD	E901.1	8/23/2007	9/13/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	RADIUM-228	=	0.28	1.65	PCI/G			0.0824	0.0824	SVLR	36753	9J471720	METHOD	E901.1	8/23/2007	9/13/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-37	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	SELENIUM	TR	0	0.75	MG/KG	J	T	0.75	5	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	THORIUM	=	0	10.7	MG/KG			0.044	0.21	SVLL	F7H290214	F7H290214008	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	URANIUM	=	0	2.2	MG/KG			0.021	0.11	SVLL	F7H290214	F7H290214008	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	VANADIUM	=	0	47	MG/KG			1.8	5	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-43	BGS-A2-43S	N	8/1/2007	0.16	0.83	ZINC	TR	0	48	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-37	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	ALUMINUM	=	0	7800	MG/KG			5	10	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	ARSENIC	=	0	5.8	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	BARIUM	=	0	84	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	BERYLLIUM	TR	0	0.49	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	CALCIUM	ND	0	6900	MG/KG			6.3	15	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	COBALT	=	0	4.7	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	CHROMIUM, TOTAL	TR	0	4	MG/KG	J	T	1.7	5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	COPPER	=	0	160	MG/KG			1.9	5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	IRON	=	0	10000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-40	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	POTASSIUM	=	0	960	MG/KG	J	4H	19	50	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	MAGNESIUM	=	0	2800	MG/KG			1	10	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	MANGANESE	=	0	160	MG/KG			0.8	1	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	MOLYBDENUM	TR	0	0.9	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	SODIUM	=	0	600	MG/KG			24	50	DEL	IQH0284	IQH0284-40	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	NICKEL	=	0	5.5	MG/KG			2.2	5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	LEAD	=	0	5.2	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-40	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44D	N	8/2/2007	2	3	RADIUM-226	=	0.194	1.52	PCI/G			0.0335	0.0335	SVLR	36753					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	RADIUM-226	=	0.23	1.82	PCI/G			0.049	0.049	SVLR	36753	9J472K10	METHOD	E901.1	8/23/2007	9/10/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	RADIUM-228	=	0.25	1.57	PCI/G			0.0952	0.0952	SVLR	36753	9J472K10	METHOD	E901.1	8/23/2007	9/10/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-39	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-39	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	THORIUM	=	0	0	11	MG/KG		0.042	0.2	SVLL	F7H290214	F7H290214016	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	THALLIUM	TR	0	0.41	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-39	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	URANIUM	=	0	1.5	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214016	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	VANADIUM	=	0	0	23	MG/KG		1.8	5	DEL	IQH0284	IQH0284-39	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-44	BGS-A2-44S	N	8/2/2007	0.16	0.83	ZINC	TR	0	33	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-39	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	ALUMINUM	=	0	7600	MG/KG			5	10	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	ARSENIC	=	0	0	12	MG/KG		1.8	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	BORON	=	0	6.5	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	BARIUM	=	0	77	MG/KG	J	4H	0.65	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	BERYLLIUM	TR	0	0.43	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	CALCIUM	=	0	14000	MG/KG			6.2	15	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	COBALT	=	0	6	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	CHROMIUM, TOTAL	=	0	5.5	MG/KG			1.8	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	COPPER	=	0	170	MG/KG			1.9	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	IRON	=	0	11000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	MERCURY	TR	0	0.017	MG/KG	J	T	0.012	0.02	DEL	IQH0284	IQH0284-42	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	POTASSIUM	=	0	970	MG/KG			19	50	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	MAGNESIUM	=	0	3300	MG/KG			1	10	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	MANGANESE	=	0	180	MG/KG			0.8	1	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	MOLYBDENUM	TR	0	1.9	MG/KG	J	T	0.4	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	SODIUM	=	0	910	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	NICKEL	=	0	7.4	MG/KG			2.2	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	LEAD	=	0	5.3	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	RADIUM-226	=	0.23	1.85	PCI/G			0.0439	0.0439	SVLR	36753	9J472H10	METHOD	E901.1	8/23/2007	9/10/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	RADIUM-228	=	0.26	1.76	PCI/G			0.0872	0.0872	SVLR	36753	9J472H10	METHOD	E901.1	8/23/2007	9/10/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-42	SW3050B	SW6010B	8/10/2007	8/12/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	THORIUM	=	0	9.2	MG/KG			0.043	0.2	SVLL	F7H290214	F7H290214015	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	THALLIUM	TR	0	0.54	MG/KG	J	T	0.4	2.5	DEL	IQH0284	IQH0284-42	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45D	N	8/2/2007	2	3	URANIUM	=	0	2.9	MG/KG			0.02	0.1	SVLL	F7H290214	F7H2902140				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-45	BGS-A2-45S	N	8/2/2007	0.16	0.83	URANIUM	=	0	1.8	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214014	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-45	BGS-A2-45S	N	8/2/2007	0.16	0.83	VANADIUM	=	0	23	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-41	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-45	BGS-A2-45S	N	8/2/2007	0.16	0.83	ZINC	TR	0	27	MG/KG	J	T	6.4	49	DEL	IQH0284	IQH0284-41	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	ALUMINUM	=	0	7000	MG/KG			5	10	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	ARSENIC	=	0	2.6	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	BORON	TR	0	4.4	MG/KG	J	T,4L	2.1	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	BARIUM	=	0	62	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	BERYLLIUM	TR	0	0.32	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	CALCIUM	=	0	3300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	COBALT	=	0	3.9	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	CHROMIUM, TOTAL	TR	0	4.8	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	COPPER	=	0	21	MG/KG			1.9	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	IRON	=	0	9300	MG/KG			1.5	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-44	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	POTASSIUM	=	0	1100	MG/KG			19	50	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	MAGNESIUM	=	0	2600	MG/KG			1	10	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	MANGANESE	=	0	160	MG/KG			0.8	1	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	SODIUM	=	0	200	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/10/2007	8/13/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	NICKEL	=	0	5.1	MG/KG			2.3	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	LEAD	=	0	4.2	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	RADIUM-226	=	0.17	1.24	PCI/G			0.0405	0.0405	SVLR	36754	9J48AW10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	RADIUM-228	=	0.2	1.29	PCI/G			0.0815	0.0815	SVLR	36754	9J48AW10	METHOD	E901.1	8/24/2007	9/13/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-44	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	THORIUM	=	0	5.8	MG/KG			0.043	0.21	SVLL	F7H290214	F7H290214013	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	URANIUM	=	0	0.91	MG/KG			0.021	0.1	SVLL	F7H290214	F7H290214013	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	VANADIUM	=	0	22	MG/KG			1.8	5	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46D	N	8/2/2007	2	3	ZINC	TR	0	20	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-44	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-46	BGS-A2-46S	N	8/2/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-43	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46S	N	8/2/2007	0.16	0.83	ALUMINUM	=	0	12000	MG/KG			5	10	DEL	IQH0284	IQH0284-43	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-46	BGS-A2-46S	N	8/2/2007	0.16	0.83	ARSENIC	=	0	4	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-43	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-46	BGS-A2-46S	N	8/2/2007	0.16	0.83	BORON	=	0	5.5	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-43	SW3050B	SW6010B	8/10/2007	8/10/2007</

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	BORON	TR	0	3.4	MG/KG	J	T,4L	2.1	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	BARIUM	=	0	54	MG/KG	J	4H	0.65	2.5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	CALCIUM	=	0	6300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	COBALT	=	0	2.7	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	CHROMIUM, TOTAL	ND	0	1.8	MG/KG	U		1.8	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	COPPER	=	0	14	MG/KG			1.9	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	IRON	=	0	8800	MG/KG			1.5	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-46	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	POTASSIUM	=	0	850	MG/KG			19	50	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	MAGNESIUM	=	0	2100	MG/KG			1	10	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	MANGANESE	=	0	140	MG/KG			0.8	1	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	SODIUM	=	0	160	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	NICKEL	TR	0	3.3	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	LEAD	=	0	3.2	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	RADIUM-226	=	0.12	0.853	PCI/G			0.0404	0.0404	SVLR	36753	9J472F10	METHOD	E901.1	8/23/2007	9/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	RADIUM-228	=	0.16	0.835	PCI/G			0.0743	0.0743	SVLR	36753	9J472F10	METHOD	E901.1	8/23/2007	9/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-46	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	THORIUM	=	0	4.6	MG/KG			0.043	0.21	SVLL	F7H290214	F7H290214011	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	URANIUM	=	0	0.7	MG/KG			0.021	0.1	SVLL	F7H290214	F7H290214011	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	VANADIUM	=	0	12	MG/KG			1.8	5	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47D	N	8/2/2007	2	3	ZINC	TR	0	13	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-46	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-45	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	ALUMINUM	=	0	6200	MG/KG			5	10	DEL	IQH0284	IQH0284-45	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	ARSENIC	TR	0	2.3	MG/KG	J	T	1.8	2.5	DEL	IQH0284	IQH0284-45	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	BORON	TR	0	3.6	MG/KG	J	T,4L	2.1	5	DEL	IQH0284	IQH0284-45	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	BAARIUM	=	0	58	MG/KG	J	4H	0.65	2.5	DEL	IQH0284	IQH0284-45	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	BERYLLIUM	TR	0	0.3	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-45	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	CALCIUM	=	0	2600	MG/KG			6.2	15	DEL	IQH0284	IQH0284-45	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-45	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	COBALT	=	0	3.5	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-45	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-47	BGS-A2-47S	N	8/2/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	4.7	MG/KG	J	T	1.8	5	DEL	IQH0284	IQH0284-45</td				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	CHROMIUM, TOTAL	=	0	6.8	MG/KG			1.7	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	COPPER	=	0	110	MG/KG			1.9	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	IRON	=	0	13000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-10	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	POTASSIUM	=	0	1100	MG/KG			19	50	DEL	IQH1759	IQH1759-10	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	MAGNESIUM	=	0	4300	MG/KG			1	10	DEL	IQH1759	IQH1759-10	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	MANGANESE	=	0	150	MG/KG			0.8	1	DEL	IQH1759	IQH1759-10	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	MOLYBDENUM	TR	0	0.4	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	SODIUM	=	0	970	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-10	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	NICKEL	=	0	6.8	MG/KG			2.2	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	LEAD	=	0	3.7	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	RADIUM-226	=	0.1	0.697	PCI/G			0.0381	0.0381	SVLR	36805	9J5K2510	METHOD	E901.1	9/20/2007	9/20/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	RADIUM-228	=	0.14	0.754	PCI/G			0.075	0.075	SVLR	36805	9J5K2510	METHOD	E901.1	9/20/2007	9/20/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-10	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	THORIUM	=	0	5.4	MG/KG			0.0417	0.21	SVLL	F7H290235	F7H290235016	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	URANIUM	=	0	1.4	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235016	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	VANADIUM	=	0	24	MG/KG			1.7	5	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48D	N	8/14/2007	2	3	ZINC	TR	0	19	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-10	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH1759	IQH1759-09	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	ARSENIC	=	0	3.3	MG/KG	J	9L	1.7	2.5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	BORON	=	0	8	MG/KG			2.1	5	DEL	IQH1759	IQH1759-09	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	BARIUM	=	0	90	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	BERYLLIUM	TR	0	0.37	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	CALCIUM	=	0	19000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-09	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	COBALT	=	0	5.4	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	5.6	MG/KG			1.7	5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	COPPER	=	0	89	MG/KG			1.9	5	DEL	IQH1759	IQH1759-09	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	IRON	=	0	16000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-09	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-09	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	POTASSIUM	=	0	2500	MG/KG			19	50	DEL	IQH1759	IQH1759-09	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	MAGNESIUM	=	0	5500	MG/KG			1	10	DEL	IQH1759	IQH1759-09	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-48	BGS-A2-48S	N	8/14/2007	0.16	0.83	MANGANESE	=	0	240	MG/KG			0.8	1</td							

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	MANGANESE	=	0	420	MG/KG			0.8	1	DEL	IQH1759	IQH1759-12	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	SODIUM	=	0	620	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-12	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	NICKEL	TR	0	3.9	MG/KG	J	T	2.2	5	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	LEAD	=	0	5.7	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	RADIUM-226	=	0.16	1.25	PCI/G			0.0456	0.0456	SVLR	36805	9J5K2010	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	RADIUM-228	=	0.21	1.31	PCI/G			0.086	0.086	SVLR	36805	9J5K2010	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-12	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	THORIUM	=	0	7.5	MG/KG			0.0417	0.21	SVLL	F7H290235	F7H290235012	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	URANIUM	=	0	1.4	MG/KG			0.02	0.11	SVLL	F7H290235	F7H290235012	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	VANADIUM	=	0	29	MG/KG			1.8	5	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49D	N	8/14/2007	2	3	ZINC	TR	0	34	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-12	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	ALUMINUM	=	0	15000	MG/KG			5	10	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	ARSENIC	TR	0	2.4	MG/KG	J	T,9L	1.8	2.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	BORON	=	0	9.7	MG/KG			2.1	5	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	BARIUM	=	0	150	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	BERYLLIUM	TR	0	0.56	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	CALCIUM	=	0	5200	MG/KG			6.2	15	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	COBALT	=	0	5.9	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	5.8	MG/KG			1.8	5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	COPPER	=	0	17	MG/KG			1.9	5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	IRON	=	0	19000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-11	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	POTASSIUM	=	0	3700	MG/KG			19	50	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	MAGNESIUM	=	0	5100	MG/KG			1	10	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	MANGANESE	=	0	520	MG/KG			0.8	1	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	SODIUM	=	0	350	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-11	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	NICKEL	TR	0	4.7	MG/KG	J	T	2.3	5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	LEAD	=	0	6.4	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-11	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	RADIUM-226	=	0.16	1.19	PCI/G			0.0441	0.0441	SVLR	36805	9J5K2X10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-49	BGS-A2-49S	N	8/14/2007	0.16	0.83	RADI															

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	RADIUM-228	=	0.17	0.95	PCI/G			0.0819	0.0819	SVLR	36805	9J5K2310	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-14	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-14	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	THORIUM	=	0	6.4	MG/KG			0.0417	0.21	SVLL	F7H290235	F7H290235014	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-14	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	URANIUM	=	0	1.5	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235014	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	VANADIUM	=	0	29	MG/KG			1.7	5	DEL	IQH1759	IQH1759-14	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50D	N	8/14/2007	2	3	ZINC	TR	0	24	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-14	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	ARSENIC	=	0	6.6	MG/KG	J	9L	1.7	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	BORON	ND	0	6.7	MG/KG	UJ	7	6.7	7.9	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	BARIUM	=	0	160	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	BERYLLIUM	TR	0	0.5	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	CALCIUM	=	0	23000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	COBALT	=	0	5.1	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	5.1	MG/KG			1.7	5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	COPPER	=	0	70	MG/KG			1.9	5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	IRON	=	0	13000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-13	METHOD	SW7471A	8/27/2007	8/27/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	POTASSIUM	=	0	1300	MG/KG			19	50	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	MAGNESIUM	=	0	4500	MG/KG			1	10	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	MANGANESE	=	0	180	MG/KG			0.8	1	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	SODIUM	=	0	250	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	NICKEL	=	0	7	MG/KG			2.2	5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	LEAD	=	0	4.3	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	RADIUM-226	=	0.14	1.07	PCI/G			0.0337	0.0337	SVLR	36805	9J5K2210	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	RADIUM-228	=	0.16	0.975	PCI/G			0.0608	0.0608	SVLR	36805	9J5K2210	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-13	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	THORIUM	=	0	8.2	MG/KG			0.0417	0.21	SVLL	F7H290235	F7H290235013	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-13	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-50	BGS-A2-50S	N	8/14/2007	0.16	0.83	URANIUM	=	0	1.5	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235013	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-50</																					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-51	BGS-A2-51D-1	N	8/14/2007	2	3	VANADIUM	=	0	21	MG/KG	J	T	1.8	5	DEL	IQH1759	IQH1759-16	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-1	N	8/14/2007	2	3	ZINC	TR	0	18	MG/KG	J		6.5	50	DEL	IQH1759	IQH1759-16	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	ALUMINUM	=	0	6500	MG/KG	J		5	10	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	ARSENIC	=	0	3.3	MG/KG	UJ	4L	1.7	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	BORON	ND	0	3.4	MG/KG	UJ	7	3.4	7.9	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	BARIUM	=	0	89	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	BERYLLIUM	TR	0	0.33	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	CALCIUM	=	0	6600	MG/KG			6.2	15	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	COBALT	=	0	5.4	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	CHROMIUM, TOTAL	=	0	6.2	MG/KG	J	4L	1.7	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	COPPER	=	0	130	MG/KG	J	4L,8	1.9	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	IRON	=	0	9400	MG/KG			1.5	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-17	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	POTASSIUM	=	0	830	MG/KG			19	50	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	MAGNESIUM	=	0	3100	MG/KG			1	10	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	MANGANESE	=	0	240	MG/KG	J	8	0.8	1	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	MOLYBDENUM	TR	0	0.74	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	SODIUM	=	0	550	MG/KG	J	4H	24	50	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	NICKEL	=	0	6.7	MG/KG			2.2	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	LEAD	=	0	3.7	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	RADIUM-226	=	0.12	0.876	PCI/G			0.0359	0.0359	SVLR	36846	9J5K4K10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	RADIUM-228	=	0.14	0.89	PCI/G			0.0682	0.0682	SVLR	36846	9J5K4K10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-17	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	THORIUM	=	0	17.1	MG/KG	J	8	0.0417	0.2	SVLL	F7H290235	F7H290235019	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	URANIUM	=	0	2	MG/KG	J	8	0.02	0.1	SVLL	F7H290235	F7H290235019	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	VANADIUM	=	0	31	MG/KG	J	4L	1.7	5	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51D-2	FD	8/14/2007	2	3	ZINC	ND	0	22	MG/KG	UJ	2	22	63	DEL	IQH1759	IQH1759-17	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51S	N	8/14/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-15	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51S	N	8/14/2007	0.16	0.83	ALUMINUM	=	0	8300	MG/KG			5	10	DEL	IQH1759	IQH1759-15	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51S	N	8/14/2007	0.16	0.83	ARSENIC	=	0	6.7	MG/KG	J	9L	1.7	2.5	DEL	IQH1759	IQH1759-15	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-51	BGS-A2-51S	N	8/14/2007	0.16	0.83	BORON	ND	0	5.4	MG/KG	UJ	7	5.4	7.9	DEL	IQH1759	IQH1759-15	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-51	BGS-A2-51S	N	8/14/20																		

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	BARIUM	=	0	74	MG/KG	J	T	0.65	2.5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	BERYLLIUM	TR	0	0.32	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	CALCIUM	=	0	2300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	COBALT	=	0	3.5	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	CHROMIUM, TOTAL	=	0	5.3	MG/KG			1.8	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	COPPER	=	0	24	MG/KG			1.9	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	IRON	=	0	9100	MG/KG			1.5	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-48	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	POTASSIUM	=	0	1200	MG/KG			19	50	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	MAGNESIUM	=	0	2300	MG/KG			1	10	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	MANGANESE	=	0	190	MG/KG			0.8	1	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	SODIUM	=	0	130	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	NICKEL	TR	0	5	MG/KG	J	T	2.2	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	LEAD	=	0	3.9	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	RADIUM-226	=	0.13	0.92	PCI/G			0.0361	0.0361	SVLR	36648	9J473H10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	RADIUM-228	=	0.17	1.04	PCI/G			0.0775	0.0775	SVLR	36648	9J473H10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-48	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	THORIUM	=	0	6.6	MG/KG			0.042	0.2	SVLL	F7H290214	F7H290214002	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	URANIUM	=	0	0.83	MG/KG			0.02	0.1	SVLL	F7H290214	F7H290214002	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	VANADIUM	=	0	20	MG/KG			1.8	5	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52D	N	8/1/2007	2	3	ZINC	TR	0	22	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-48	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	ALUMINUM	=	0	4700	MG/KG			5	9.9	DEL	IQH0284	IQH0284-47	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	ARSENIC	ND	0	1.7	MG/KG	U		1.7	2.5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-47	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	BARIUM	=	0	35	MG/KG	J	4H	0.65	2.5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	CALCIUM	=	0	4100	MG/KG			6.2	15	DEL	IQH0284	IQH0284-47	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	COBALT	=	0	2.8	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	1.7	MG/KG	U		1.7	5	DEL	IQH0284	IQH0284-47	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-52	BGS-A2-52S	N	8/1/2007	0.16	0.83	COPPER	=	0	36	MG/KG			1.9	5	DEL	IQH0284	IQH0284-47	SW3050B</			

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	COPPER	=	0	20	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-20	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-20	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	POTASSIUM	=	0	1300	MG/KG			19	50	DEL	IQH1759	IQH1759-20	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	MAGNESIUM	=	0	3400	MG/KG			1	10	DEL	IQH1759	IQH1759-20	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	MANGANESE	=	0	410	MG/KG			0.8	1	DEL	IQH1759	IQH1759-20	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	MOLYBDENUM	TR	0	0.45	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	SODIUM	ND	0	230	MG/KG	UJ	2	230	230	DEL	IQH1759	IQH1759-20	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	NICKEL	=	0	6.3	MG/KG			2.2	5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	LEAD	=	0	6	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	RADIUM-226	=	0.31	2.43	PCI/G			0.0547	0.0547	SVLR	36846	9J5K5M10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	RADIUM-228	=	0.27	1.73	PCI/G			0.109	0.109	SVLR	36846	9J5K5M10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-20	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	THORIUM	=	0	8.1	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227010	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	URANIUM	=	0	2	MG/KG			0.02	0.11	SVLL	F7H290227	F7H290227010	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	VANADIUM	=	0	24	MG/KG	J	4L	1.7	5	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53D	N	8/15/2007	2	3	ZINC	ND	0	33	MG/KG	UJ	2	33	63	DEL	IQH1759	IQH1759-20	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	ALUMINUM	=	0	16000	MG/KG			5	10	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	ARSENIC	=	0	3.4	MG/KG	J	4L	1.8	2.5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	BORON	=	0	9.1	MG/KG			2.1	5	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	BARIUM	=	0	120	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	BERYLLIUM	TR	0	0.79	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	CALCIUM	=	0	9100	MG/KG			6.2	15	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	COBALT	=	0	4.9	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	CHROMIUM, TOTAL	TR	0	5	MG/KG	J	T,4L	1.8	5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	COPPER	=	0	17	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-19	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	IRON	=	0	16000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-19	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	POTASSIUM	=	0	2400	MG/KG			19	50	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	MAGNESIUM	=	0	4500	MG/KG			1	10	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	MANGANESE	=	0	490	MG/KG			0.8	1	DEL	IQH1759	IQH1759-19	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-53	BGS-A2-53S	N	8/15/2007	0.16	0.83	MOLYBDENUM	TR	0													

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	MOLYBDENUM	TR	0	0.57	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-22	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	SODIUM	=	0	300	MG/KG			24	50	DEL	IQH1759	IQH1759-22	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	NICKEL	=	0	7.5	MG/KG			2.2	5	DEL	IQH1759	IQH1759-22	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	LEAD	=	0	5.4	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-22	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	RADIUM-226	=	0.18	1.38	PCI/G			0.0297	0.0297	SVLR	36846	9J5K6C10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	RADIUM-228	=	0.26	1.68	PCI/G			0.0562	0.0562	SVLR	36846	9J5K6C10	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-22	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-22	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	THORIUM	=	0	11.5	MG/KG			0.0417	0.2	SVLL	F7H290227	F7H290227012	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-22	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	URANIUM	=	0	1.7	MG/KG			0.02	0.1	SVLL	F7H290227	F7H290227012	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	VANADIUM	=	0	37	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-22	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54D	N	8/15/2007	2	3	ZINC	ND	0	32	MG/KG	UJ	2	32	63	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	ARSENIC	=	0	3.6	MG/KG	J	4L	1.8	2.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	BORON	=	0	6.2	MG/KG			2.1	5	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	BARIUM	=	0	120	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	BERYLLIUM	TR	0	0.47	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	CALCIUM	=	0	7400	MG/KG			6.2	15	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	COBALT	=	0	6.2	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	5.9	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	COPPER	=	0	79	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	IRON	=	0	17000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-21	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	POTASSIUM	=	0	2300	MG/KG			19	50	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	MAGNESIUM	=	0	5400	MG/KG			1	10	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	MANGANESE	=	0	310	MG/KG			0.8	1	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	MOLYBDENUM	TR	0	0.6	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	SODIUM	ND	0	150	MG/KG	UJ	2	150	230	DEL	IQH1759	IQH1759-21	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	NICKEL	=	0	7.1	MG/KG			2.3	5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	LEAD	=	0	5.8	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-21	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	RADIUM-226	=	0.15	1.13	PCI/G			0.0352	0.0352	SVLR	36846	9J5K5910	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-54	BGS-A2-54S	N	8/15/2007	0.16	0.83	RADIUM-228	=	0.26	1.51	PCI/G			0.0695	0.0695	SVLR	36846	9J5K5910	METHOD	E901.1	9/4/2007	9/20/2007
BGS-A2-54	BGS-A2-54S	N																			

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	ANTIMONY	ND	0	1.8	MG/KG	UJ	4L	1.8	20	DEL	IQH1759	IQH1759-24	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-24	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	THORIUM	=	0	3.8	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227014	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-24	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	URANIUM	=	0	3.8	MG/KG			0.02	0.11	SVLL	F7H290227	F7H290227014	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	VANADIUM	=	0	49	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-24	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55D	N	8/15/2007	2	3	ZINC	ND	0	27	MG/KG	UJ	2	27	63	DEL	IQH1759	IQH1759-24	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	ALUMINUM	=	0	16000	MG/KG			5	10	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	ARSENIC	=	0	16	MG/KG	J	4L	1.8	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	BORON	=	0	7.2	MG/KG			2.1	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	BARIUM	=	0	140	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	BERYLLIUM	TR	0	0.55	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	CALCIUM	=	0	45000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	COBALT	=	0	13	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	CHROMIUM, TOTAL	ND	0	1.8	MG/KG	UJ	4L	1.8	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	COPPER	=	0	140	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	IRON	=	0	24000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	MERCURY	TR	0	0.015	MG/KG	J	T,4H	0.012	0.02	DEL	IQH1759	IQH1759-23	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	POTASSIUM	=	0	960	MG/KG			19	50	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	MAGNESIUM	=	0	8900	MG/KG			1	10	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	MANGANESE	=	0	330	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	MOLYBDENUM	TR	0	0.85	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	SODIUM	=	0	180	MG/KG			24	50	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	NICKEL	=	0	5.9	MG/KG			2.3	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	LEAD	=	0	3.1	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	RADIUM-226	=	0.24	1.9	PCI/G			0.0336	0.0336	SVLR	36845	9J5K6410	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	RADIUM-228	=	0.13	0.714	PCI/G			0.064	0.064	SVLR	36845	9J5K6410	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-23	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	THORIUM	=	0	5.3	MG/KG			0.0417	0.21	SVLL	F7H290227	F7H290227013	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	URANIUM	=	0	2.5	MG/KG			0.02	0.1	SVLL	F7H290227	F7H290227013	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-55	BGS-A2-55S	N	8/15/2007	0.16	0.83	VANADIUM	=	0	43	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-23	SW3050B	SW6020	8/28/2	

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-56	BGS-A2-56D	N	8/14/2007	2	3	ZINC	ND	0	32	MG/KG	UJ	2	32	63	DEL	IQH1759	IQH1759-26	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	ALUMINUM	=	0	12000	MG/KG			5	9.9	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	ARSENIC	TR	0	2.3	MG/KG	J	T,4L	1.8	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	BORON	ND	0	6.3	MG/KG	UJ	7	6.3	7.9	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	BARIUM	=	0	72	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	BERYLLIUM	TR	0	0.47	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	CALCIUM	=	0	2900	MG/KG			6.2	15	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	COBALT	=	0	7.6	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	9.2	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	COPPER	=	0	27	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	IRON	=	0	16000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-25	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	POTASSIUM	=	0	3000	MG/KG			19	50	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	MAGNESIUM	=	0	3900	MG/KG			0.99	9.9	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	MANGANESE	=	0	300	MG/KG	J	4H	0.79	0.99	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	MOLYBDENUM	TR	0	0.41	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	SODIUM	=	0	320	MG/KG			24	50	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	NICKEL	=	0	8.7	MG/KG			2.2	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	LEAD	=	0	6.3	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	RADIUM-226	=	0.142	1.11	PCI/G			0.0326	0.0326	SVLR	36805	9J5K2R10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	RADIUM-228	=	0.192	1.22	PCI/G			0.0698	0.0698	SVLR	36805	9J5K2R10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	ANTIMONY	ND	0	0.87	MG/KG	UJ	4L	0.87	9.9	DEL	IQH1759	IQH1759-25	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	THORIUM	=	0	7.5	MG/KG			0.0417	0.21	SVLL	F7H290235	F7H290235009	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	URANIUM	=	0	1.1	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235009	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	VANADIUM	=	0	37	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-56	BGS-A2-56S	N	8/14/2007	0.16	0.83	ZINC	ND	0	36	MG/KG	UJ	2	36	63	DEL	IQH1759	IQH1759-25	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57D	N	8/14/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-28	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57D	N	8/14/2007	2	3	ALUMINUM	=	0	10000	MG/KG			5	9.9	DEL	IQH1759	IQH1759-28	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57D	N	8/14/2007	2	3	ARSENIC	=	0	7.7	MG/KG	J	4L	1.7	2.5	DEL	IQH1759	IQH1759-28	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57D	N	8/14/2007	2	3	BORON	ND	0	7.6	MG/KG	UJ	7	7.6	7.9	DEL	IQH1759	IQH1759-28	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57D	N	8/14/2007	2	3	BARIUM	=	0	150	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-28	SW3050B			

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	BERYLLIUM	TR	0	0.32	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	CALCIUM	=	0	4600	MG/KG			6.2	15	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	COBALT	=	0	6.5	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	11	MG/KG	J	4L	1.7	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	COPPER	=	0	38	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-27	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	POTASSIUM	=	0	2600	MG/KG			19	50	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	MAGNESIUM	=	0	4200	MG/KG			1	10	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	MANGANESE	=	0	200	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	MOLYBDENUM	TR	0	0.42	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	SODIUM	=	0	140	MG/KG			24	50	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	NICKEL	=	0	9.3	MG/KG			2.2	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	LEAD	=	0	4.4	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	RADIUM-226	=	0.1	0.792	PCI/G			0.0275	0.0275	SVLR	36805	9J5K2L10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	RADIUM-228	=	0.14	0.801	PCI/G			0.0578	0.0578	SVLR	36805	9J5K2L10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-27	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	THORIUM	=	0	8.2	MG/KG			0.0417	0.2	SVLL	F7H29023505	F7H29023505	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	URANIUM	=	0	1.1	MG/KG			0.02	0.1	SVLL	F7H29023505	F7H29023505	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	VANADIUM	=	0	38	MG/KG	J	4L	1.7	5	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-57	BGS-A2-57S	N	8/14/2007	0.16	0.83	ZINC	ND	0	27	MG/KG	UJ	2	27	63	DEL	IQH1759	IQH1759-27	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	ALUMINUM	=	0	7500	MG/KG			5	9.9	DEL	IQH1759	IQH1759-30	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	ARSENIC	=	0	4.1	MG/KG	J	4L	1.8	2.5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	BORON	ND	0	6.4	MG/KG	UJ	7	6.4	7.9	DEL	IQH1759	IQH1759-30	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	BARIUM	=	0	75	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	BERYLLIUM	TR	0	0.23	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	CALCIUM	=	0	8100	MG/KG			6.2	15	DEL	IQH1759	IQH1759-30	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	COBALT	=	0	4.6	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	CHROMIUM, TOTAL	=	0	6	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58D	N	8/14/2007	2	3	COPPER	=	0	21	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-30	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-5																					

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	IRON	=	0	15000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-29	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-29	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	POTASSIUM	=	0	1800	MG/KG			19	50	DEL	IQH1759	IQH1759-29	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	MAGNESIUM	=	0	3900	MG/KG	J	4H	0.99	9.9	DEL	IQH1759	IQH1759-29	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	MANGANESE	=	0	240	MG/KG	J	T,4L	0.79	0.99	DEL	IQH1759	IQH1759-29	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	MOLYBDENUM	TR	0	0.46	MG/KG	J		24	50	DEL	IQH1759	IQH1759-29	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	SODIUM	=	0	1100	MG/KG			2.2	5	DEL	IQH1759	IQH1759-29	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	NICKEL	=	0	8.6	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-29	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	LEAD	=	0	5.6	MG/KG			0.0379	0.0379	SVLR	36805	9J5K2J10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	RADIUM-226	=	0.14	1.06	PCI/G			0.0713	0.0713	SVLR	36805	9J5K2J10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	RADIUM-228	=	0.18	1.17	PCI/G			0.0417	0.21	SVLL	F7H290235	F7H290235003	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	ANTIMONY	ND	0	0.87	MG/KG	UJ	4L	0.87	9.9	DEL	IQH1759	IQH1759-29	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-29	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	THORIUM	=	0	7.8	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235003	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	URANIUM	=	0	1	MG/KG	J	T	0.4	2.5	DEL	IQH1759	IQH1759-29	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	VANADIUM	=	0	35	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-29	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-58	BGS-A2-58S	N	8/14/2007	0.16	0.83	ZINC	ND	0	30	MG/KG	UJ	2	30	63	DEL	IQH1759	IQH1759-29	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	ALUMINUM	=	0	5000	MG/KG			5	10	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	ARSENIC	ND	0	1.8	MG/KG	UJ	4L	1.8	2.5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	BORON	ND	0	2.1	MG/KG	U		2.1	5	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	BARIUM	ND	0	40	MG/KG	UJ	7	40	42.5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	CALCIUM	=	0	7700	MG/KG			6.2	15	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	COBALT	=	0	4.2	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	CHROMIUM, TOTAL	TR	0	3.3	MG/KG	J	T,4L	1.8	5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	COPPER	=	0	34	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	IRON	=	0	12000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-32	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	POTASSIUM	=	0	900	MG/KG			19	50	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	MAGNESIUM	=	0	3000	MG/KG			1	10	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	MANGANESE	=	0	140	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH1759	IQH1759-32	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2	3	SODIUM	=	0	96	MG/KG			24	50	DEL	IQH1759	IQH1759-32	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59D	N	8/14/2007	2																	

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	SODIUM	=	0	92	MG/KG			24	50	DEL	IQH1759	IQH1759-31	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	NICKEL	=	0	8	MG/KG			2.2	5	DEL	IQH1759	IQH1759-31	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	LEAD	=	0	4.4	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-31	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	RADIUM-226	=	0.11	0.764	PCI/G			0.0378	0.0378	SVLR	36805	9J5K2G10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	RADIUM-228	=	0.16	0.839	PCI/G			0.0749	0.0749	SVLR	36805	9J5K2G10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-31	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-31	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	THORIUM	=	0	5.7	MG/KG			0.0417	0.2	SVLL	F7H290235	F7H290235001	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-31	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	URANIUM	=	0	1	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235001	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	VANADIUM	=	0	38	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-31	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-59	BGS-A2-59S	N	8/14/2007	0.16	0.83	ZINC	ND	0	27	MG/KG	UJ	2	27	63	DEL	IQH1759	IQH1759-31	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	ALUMINUM	=	0	9900	MG/KG			5	10	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	ARSENIC	=	0	4.4	MG/KG	J	4L	1.8	2.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	BORON	ND	0	5.1	MG/KG	UJ	7	5.1	7.9	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	BARIUM	=	0	81	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	BERYLLIUM	TR	0	0.36	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	CALCIUM	=	0	16000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	COBALT	=	0	5.6	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	CHROMIUM, TOTAL	=	0	8.5	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	COPPER	=	0	32	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	IRON	=	0	17000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-34	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	POTASSIUM	=	0	1600	MG/KG			19	50	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	MAGNESIUM	=	0	4800	MG/KG			1	10	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	MANGANESE	=	0	180	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	UJ	4L	0.4	5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	SODIUM	=	0	180	MG/KG			24	50	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	NICKEL	=	0	8.3	MG/KG			2.2	5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	LEAD	=	0	3.6	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-34	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	RADIUM-226	=	0.11	0.775	PCI/G			0.0261	0.0261	SVLR	36805	9J5K2Q10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	RADIUM-228	=	0.15	0.788	PCI/G			0.0517	0.0517	SVLR	36805	9J5K2Q10	METHOD	E901.1	9/19/2007	9/19/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-34	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-60	BGS-A2-60D	N	8/14/2007	2	3	SELENIUM	ND	0	0.												

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-60	BGS-A2-60S	N	8/14/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-33	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60S	N	8/14/2007	0.16	0.83	THORIUM	=	0	6.3	MG/KG			0.0417	0.2	SVLL	F7H290235	F7H290235007	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-60	BGS-A2-60S	N	8/14/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-33	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60S	N	8/14/2007	0.16	0.83	URANIUM	=	0	1	MG/KG			0.02	0.1	SVLL	F7H290235	F7H290235007	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-60	BGS-A2-60S	N	8/14/2007	0.16	0.83	VANADIUM	=	0	36	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-33	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-60	BGS-A2-60S	N	8/14/2007	0.16	0.83	ZINC	ND	0	32	MG/KG	UJ	2	32	63	DEL	IQH1759	IQH1759-33	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	SILVER	ND	0	0.49	MG/KG	U		0.49	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	ALUMINUM	=	0	6700	MG/KG			5	10	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	ARSENIC	=	0	5.2	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	BORON	=	0	5.3	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	BARIUM	=	0	100	MG/KG	J	4H	0.64	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	CALCIUM	=	0	9500	MG/KG			6.2	15	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	CADMIUM	ND	0	0.29	MG/KG	U		0.29	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	COBALT	=	0	4	MG/KG			0.39	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	CHROMIUM, TOTAL	TR	0	2.4	MG/KG	J	T	1.7	4.9	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	COPPER	=	0	92	MG/KG			1.9	4.9	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	IRON	=	0	13000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-51	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	POTASSIUM	=	0	980	MG/KG			19	50	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	MAGNESIUM	=	0	3500	MG/KG			1	10	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	MANGANESE	=	0	180	MG/KG			0.8	1	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	MOLYBDENUM	ND	0	0.39	MG/KG	U		0.39	4.9	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	SODIUM	=	0	510	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	NICKEL	=	0	5.1	MG/KG			2.2	4.9	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	LEAD	=	0	3.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	RADIUM-226	=	0.13	1.05	PCI/G			0.0211	0.0211	SVLR	36648	9J473P10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	RADIUM-228	=	0.14	0.692	PCI/G			0.0458	0.0458	SVLR	36648	9J473P10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-51	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	SELENIUM	ND	0	0.74	MG/KG	U		0.74	4.9	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	THORIUM	=	0	4.1	MG/KG			0.042	0.2	SVLL	F7H290206	F7H290206019	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	THALLIUM	ND	0	0.39	MG/KG	U		0.39	2.5	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	URANIUM	=	0	1.3	MG/KG			0.02	0.1	SVLL	F7H290206	F7H290206019	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	VANADIUM	=	0	21	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61D	N	8/1/2007	2	3	ZINC	TR	0	17	MG/KG	J	T	6.4	49	DEL	IQH0284	IQH0284-51	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-1	FD	8/1/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-49				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	SILVER	ND	0	0.49	MG/KG	U		0.49	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	10	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	ARSENIC	=	0	3.7	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	BORON	=	0	5.9	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	BARIUM	=	0	130	MG/KG	J	4H	0.64	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	BERYLLIUM	TR	0	0.47	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	CALCIUM	=	0	8500	MG/KG			6.2	15	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	COBALT	=	0	6.3	MG/KG			0.39	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	6.3	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	COPPER	=	0	55	MG/KG			1.9	4.9	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-50	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	POTASSIUM	=	0	1900	MG/KG			19	50	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	MAGNESIUM	=	0	4300	MG/KG			1	10	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	MANGANESE	=	0	200	MG/KG			0.8	1	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	MOLYBDENUM	TR	0	0.52	MG/KG	J	T	0.39	4.9	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	SODIUM	=	0	170	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	NICKEL	=	0	8.5	MG/KG			2.2	4.9	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	LEAD	=	0	6.2	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	RADIUM-226	=	0.18	1.45	PCI/G			0.0275	0.0275	SVLR	36648	9J473M10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	RADIUM-228	=	0.17	1.08	PCI/G			0.0554	0.0554	SVLR	36648	9J473M10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-50	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	SELENIUM	ND	0	0.74	MG/KG	U		0.74	4.9	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	THORIUM	=	0	10.5	MG/KG			0.043	0.21	SVLL	F7H290206	F7H290206018	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.39	MG/KG	U		0.39	2.5	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	URANIUM	=	0	1.3	MG/KG			0.021	0.1	SVLL	F7H290206	F7H290206018	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-61	BGS-A2-61S-2	N	8/1/2007	0.16	0.83	VANADIUM	=	0	22	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	SILVER	TR	0	30	MG/KG	J	T	6.4	49	DEL	IQH0284	IQH0284-50	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	ALUMINUM	=	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-53	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	ARSENIC	=	0	2.8	MG/KG			1.8	2.5	DEL	IQH0284	IQH0284-53	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	BORON	TR	0	2.6	MG/KG	J	T,4L	2.1	5	DEL	IQH0284	IQH0284-53	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	BARIUM	=	0	45	MG/KG	J	4H	0.65	2.5	DEL	IQH0284	IQH0284-53	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	BERYLLIUM	ND	0	0.2	MG/KG	U		0.2	1.5	DEL	IQH0284	IQH0284-53	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62D	N	8/1/2007	2	3	CALCIUM	=	0	7200	MG/KG			6.2	15	DEL	IQH0284	IQH0284-53	SW3050B	SW6010B		

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	CALCIUM	=	0	6800	MG/KG			6.2	15	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	COBALT	=	0	6.1	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	11	MG/KG			1.7	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	COPPER	=	0	54	MG/KG			1.9	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-52	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	POTASSIUM	=	0	2000	MG/KG			19	50	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	MAGNESIUM	=	0	4500	MG/KG			1	10	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	SODIUM	=	0	180	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	NICKEL	=	0	10	MG/KG			2.2	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	LEAD	=	0	5.9	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	RADIUM-226	=	0.16	1.26	PCI/G			0.0319	0.0319	SVLR	36648	9J473W10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	RADIUM-228	=	0.18	1.06	PCI/G			0.0637	0.0637	SVLR	36648	9J473W10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-52	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	SELENIUM	ND	0	0.74	MG/KG	U		0.74	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	THORIUM	=	0	17.6	MG/KG			0.043	0.21	SVLL	F7H290206	F7H290206015	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	URANIUM	=	0	2.2	MG/KG			0.021	0.1	SVLL	F7H290206	F7H290206015	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	VANADIUM	=	0	29	MG/KG			1.7	5	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-62	BGS-A2-62S	N	8/1/2007	0.16	0.83	ZINC	TR	0	33	MG/KG	J	T	6.4	50	DEL	IQH0284	IQH0284-52	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	ALUMINUM	=	0	9700	MG/KG			5	10	DEL	IQH0284	IQH0284-55	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	ARSENIC	=	0	11	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	BORON	=	0	16	MG/KG	J	4L	2.1	5	DEL	IQH0284	IQH0284-55	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	BARIUM	=	0	220	MG/KG			0.65	2.5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	BERYLLIUM	TR	0	0.43	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	CALCIUM	=	0	6400	MG/KG			6.2	15	DEL	IQH0284	IQH0284-55	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	COBALT	=	0	6.6	MG/KG			0.4	2.5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	CHROMIUM, TOTAL	=	0	10	MG/KG			1.7	5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	COPPER	=	0	30	MG/KG			1.9	5	DEL	IQH0284	IQH0284-55	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	IRON	=	0	12000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-55	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63D	N	8/1/2007	2	3	MERCURY	TR	0	0.019	MG/KG	J	T									

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-54	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	POTASSIUM	=	0	1200	MG/KG			19	50	DEL	IQH0284	IQH0284-54	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	MAGNESIUM	=	0	3000	MG/KG			1	10	DEL	IQH0284	IQH0284-54	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	MANGANESE	=	0	200	MG/KG	J	T	0.8	1	DEL	IQH0284	IQH0284-54	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	MOLYBDENUM	TR	0	0.6	MG/KG			0.4	5	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	SODIUM	=	0	670	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-54	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	NICKEL	=	0	10	MG/KG			2.2	5	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	LEAD	=	0	6	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	RADIUM-226	=	0.13	0.952	PCI/G			0.041	0.041	SVLR	36648	9J473610	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	RADIUM-228	=	0.16	0.924	PCI/G			0.0863	0.0863	SVLR	36648	9J473610	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-54	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	THORIUM	=	0	9.8	MG/KG			0.043	0.2	SVLL	F7H290206	F7H290206013	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	URANIUM	=	0	1.2	MG/KG			0.02	0.1	SVLL	F7H290206	F7H290206013	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	VANADIUM	=	0	39	MG/KG			1.7	5	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-63	BGS-A2-63S	N	8/1/2007	0.16	0.83	ZINC	TR	0	39	MG/KG	J	T	6.5	50	DEL	IQH0284	IQH0284-54	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	SILVER	ND	0	0.49	MG/KG	U		0.49	2.5	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	ALUMINUM	=	0	6100	MG/KG			5	10	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	ARSENIC	=	0	4	MG/KG			1.7	2.5	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	BORON	ND	0	2.1	MG/KG	UJ	4L	2.1	5	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	BARIUM	=	0	80	MG/KG	J	4H	0.64	2.5	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	BERYLLIUM	TR	0	0.21	MG/KG	J	T	0.2	1.5	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/16/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	CALCIUM	=	0	5300	MG/KG			6.2	15	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	COBALT	=	0	4.5	MG/KG			0.39	2.5	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	CHROMIUM, TOTAL	=	0	6.5	MG/KG			1.7	4.9	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	COPPER	=	0	29	MG/KG			1.9	4.9	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH0284	IQH0284-57	METHOD	SW7471A	8/14/2007	8/14/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	POTASSIUM	=	0	770	MG/KG			19	50	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	MAGNESIUM	=	0	3000	MG/KG			1	10	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	MANGANESE	=	0	170	MG/KG			0.8	1	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	MOLYBDENUM	ND	0	0.39	MG/KG	U		0.39	4.9	DEL	IQH0284	IQH0284-57	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	SODIUM	=	0	130	MG/KG	J	4H	24	50	DEL	IQH0284	IQH0284-57	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64D	N	8/1/2007	2	3	NICKEL	=	0	6	MG/KG			2.2	4.9	DEL	IQH					

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	NICKEL	=	0	7.3	MG/KG			2.2	5	DEL	IQH0284	IQH0284-56	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	LEAD	=	0	4.5	MG/KG			0.25	2.5	DEL	IQH0284	IQH0284-56	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	RADIUM-226	=	0.13	1.01	PCI/G			0.0334	0.0334	SVLR	36648	9J474K10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	RADIUM-228	=	0.2	1.16	PCI/G			0.0704	0.0704	SVLR	36648	9J474K10	METHOD	E901.1	8/23/2007	9/6/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH0284	IQH0284-56	SW3050B	SW6010B	8/10/2007	8/10/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	SELENIUM	ND	0	0.74	MG/KG	U		0.74	5	DEL	IQH0284	IQH0284-56	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	THORIUM	=	0	6.8	MG/KG			0.043	0.2	SVLL	F7H290206	F7H290206011	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH0284	IQH0284-56	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	URANIUM	=	0	1	MG/KG			0.02	0.1	SVLL	F7H290206	F7H290206011	NONE	SW6020	9/20/2007	9/21/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	VANADIUM	=	0	44	MG/KG			1.7	5	DEL	IQH0284	IQH0284-56	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-64	BGS-A2-64S	N	8/1/2007	0.16	0.83	ZINC	TR	0	25	MG/KG	J	T	6.4	50	DEL	IQH0284	IQH0284-56	SW3050B	SW6020	8/13/2007	8/15/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	ALUMINUM	=	0	13000	MG/KG			5	10	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	ARSENIC	=	0	6.8	MG/KG	J	4L	1.8	2.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	BORON	=	0	8	MG/KG			2.1	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	BARIUM	=	0	120	MG/KG	J	4L	0.65	2.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	BERYLLIUM	TR	0	0.42	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	CALCIUM	=	0	11000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	CADMIU	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	COBALT	=	0	7.1	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	CHROMIUM, TOTAL	=	0	9.4	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	COPPER	=	0	340	MG/KG	J	4L	1.9	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	IRON	=	0	20000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	MERCURY	=	0	0.059	MG/KG	J	4H	0.012	0.02	DEL	IQH1759	IQH1759-36	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	POTASSIUM	=	0	1800	MG/KG			19	50	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	MAGNESIUM	=	0	6900	MG/KG			1	10	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	MANGANESE	=	0	240	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	MOLYBDENUM	TR	0	1.2	MG/KG	J	T,4L	0.4	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	SODIUM	=	0	560	MG/KG			24	50	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	NICKEL	=	0	11	MG/KG			2.2	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	LEAD	=	0	5	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	RADIUM-226	=	0.16	1.24	PCI/G			0.0285	0.0285	SVLR	36845	9J5K7510	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	RADIUM-228	=	0.25	1.37	PCI/G			0.055	0.055	SVLR	36845	9J5K7510	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-36	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	UJ	4L	0.75	5	DEL	IQH1759	IQH1759-36	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65D	N	8/15/2007	2	3	THORIUM	=	0	8.1	MG/KG			0.0417	0.2							

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-65	BGS-A2-65S	N	8/15/2007	0.16	0.83	THORIUM	=	0	12.4	MG/KG			0.0417	0.22	SVLL	F7H290227	F7H290227015	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-65	BGS-A2-65S	N	8/15/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-35	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65S	N	8/15/2007	0.16	0.83	URANIUM	=	0	1.9	MG/KG			0.02	0.11	SVLL	F7H290227	F7H290227015	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-65	BGS-A2-65S	N	8/15/2007	0.16	0.83	VANADIUM	=	0	55	MG/KG	J	4L	1.8	5	DEL	IQH1759	IQH1759-35	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-65	BGS-A2-65S	N	8/15/2007	0.16	0.83	ZINC	ND	0	56	MG/KG	UJ	2	56	63	DEL	IQH1759	IQH1759-35	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	ALUMINUM	=	0	9900	MG/KG			5	10	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	ARSENIC	=	0	5.4	MG/KG			1.7	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	BORON	ND	0	4.3	MG/KG	UJ	7	4.3	7.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	BARIUM	=	0	140	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	BERYLLIUM	TR	0	0.38	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	CALCIUM	=	0	14000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	COBALT	=	0	6	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	CHROMIUM, TOTAL	=	0	7	MG/KG			1.7	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	COPPER	=	0	110	MG/KG			1.9	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	IRON	=	0	16000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	MERCURY	=	0	0.033	MG/KG	J	4H	0.012	0.02	DEL	IQH1759	IQH1759-38	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	POTASSIUM	=	0	1400	MG/KG			19	50	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	MAGNESIUM	=	0	4700	MG/KG			1	10	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	MANGANESE	=	0	170	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	SODIUM	=	0	490	MG/KG			24	50	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	NICKEL	=	0	8.3	MG/KG			2.2	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	LEAD	=	0	4.3	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	RADIUM-226	=	0.13	0.996	PCI/G			0.0306	0.0306	SVLR	36845	9J5K8H10	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	RADIUM-228	=	0.14	0.81	PCI/G			0.0567	0.0567	SVLR	36845	9J5K8H10	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-38	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	THORIUM	=	0	7	MG/KG			0.0417	0.2	SVLL	F7H290227	F7H290227018	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	URANIUM	=	0	1.2	MG/KG			0.02	0.1	SVLL	F7H290227	F7H290227018	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	VANADIUM	=	0	29	MG/KG			1.7	5	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-1	FD	8/16/2007	2	3	ZINC	TR	0	29	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-38	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-2	N	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-39	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66D-2	N	8/16/2007	2	3	ALUMINUM															

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	ALUMINUM	=	0	19000	MG/KG			5	10	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	ARSENIC	=	0	3.5	MG/KG			1.7	2.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	BORON	=	0	8.5	MG/KG			2.1	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	BARIUM	=	0	120	MG/KG	J	T	0.65	2.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	BERYLLIUM	TR	0	0.72	MG/KG			0.2	1.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	CALCIUM	=	0	5100	MG/KG	U		6.2	15	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG			0.3	2.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	COBALT	=	0	9.4	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	10	MG/KG			1.7	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	COPPER	=	0	56	MG/KG			1.9	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	IRON	=	0	22000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-37	METHOD	SW7471A	8/28/2007	
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	POTASSIUM	=	0	4100	MG/KG			19	50	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	MAGNESIUM	=	0	6200	MG/KG			1	10	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	MANGANESE	=	0	320	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	MOLYBDENUM	TR	0	0.76	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	SODIUM	=	0	410	MG/KG			24	50	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	NICKEL	=	0	11	MG/KG			2.2	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	LEAD	=	0	8.3	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	RADIUM-226	=	0.18	1.34	PCI/G			0.0505	0.0505	SVLR	36845	9J5K8A10	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	RADIUM-228	=	0.21	1.3	PCI/G			0.0955	0.0955	SVLR	36845	9J5K8A10	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-37	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	THORIUM	=	0	10.1	MG/KG			0.0417	0.22	SVLL	F7H290227	F7H290227017	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	URANIUM	=	0	1.4	MG/KG			0.02	0.11	SVLL	F7H290227	F7H290227017	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	VANADIUM	=	0	27	MG/KG			1.7	5	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-66	BGS-A2-66S	N	8/16/2007	0.16	0.83	ZINC	TR	0	42	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-37	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-41	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	ALUMINUM	=	0	8300	MG/KG			5	10	DEL	IQH1759	IQH1759-41	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	ARSENIC	=	0	12	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-41	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	BORON	ND	0	6.7	MG/KG	UJ	7	6.7	7.5	DEL	IQH1759	IQH1759-41	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	BARIUM	=	0	76	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-41	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	BERYLLIUM	TR	0	0.27	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-41	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67D	N	8/16/2007	2	3	CALCIUM	=	0	33000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-41	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67D	N	8/16																		

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	COBALT	=	0	6.6	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	9.5	MG/KG			1.8	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	COPPER	=	0	93	MG/KG			1.9	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	IRON	=	0	16000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-40	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	POTASSIUM	=	0	2100	MG/KG			19	50	DEL	IQH1759	IQH1759-40	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	MAGNESIUM	=	0	5000	MG/KG			1	10	DEL	IQH1759	IQH1759-40	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	MANGANESE	=	0	180	MG/KG	J	4H	0.8	1	DEL	IQH1759	IQH1759-40	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	MOLYBDENUM	TR	0	3	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	SODIUM	=	0	210	MG/KG			24	50	DEL	IQH1759	IQH1759-40	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	NICKEL	=	0	12	MG/KG			2.2	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	LEAD	=	0	5.2	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	RADIUM-226	=	0.24	1.88	PCI/G			0.0379	0.0379	SVLR	36845	9J5K8610	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	RADIUM-228	=	0.15	0.833	PCI/G			0.0771	0.0771	SVLR	36845	9J5K8610	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	UJ	4L	0.88	10	DEL	IQH1759	IQH1759-40	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	THORIUM	=	0	7.9	MG/KG			0.042	0.2	SVLL	F7H290249	F7H290249001	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	THALLIUM	TR	0	0.58	MG/KG	J	T	0.4	2.5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	URANIUM	=	0	1.5	MG/KG			0.02	0.1	SVLL	F7H290249	F7H290249001	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	VANADIUM	=	0	37	MG/KG			1.8	5	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-67	BGS-A2-67S	N	8/16/2007	0.16	0.83	ZINC	TR	0	38	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-40	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	ALUMINUM	=	0	8400	MG/KG			5	10	DEL	IQH1759	IQH1759-44	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	ARSENIC	=	0	8.8	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	BORON	ND	0	5.6	MG/KG	UJ	7	5.6	7.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	BAARIUM	=	0	77	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	BERYLLIUM	TR	0	0.38	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	CALCIUM	=	0	16000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-44	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	COBALT	=	0	5.1	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	CHROMIUM, TOTAL	=	0	7.1	MG/KG			1.8	5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	COPPER	=	0	68	MG/KG			1.9	5	DEL	IQH1759	IQH1759-44	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-44	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-44	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-68	BGS-A2-68D	N	8/16/2007	2	3	POTASSIUM	=</														

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	POTASSIUM	=	0	2900	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-43	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	MAGNESIUM	=	0	6100	MG/KG			1	10	DEL	IQH1759	IQH1759-43	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	MANGANESE	=	0	260	MG/KG	J	4L	0.8	1	DEL	IQH1759	IQH1759-43	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	MOLYBDENUM	TR	0	0.42	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	SODIUM	=	0	280	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-43	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	NICKEL	=	0	9.8	MG/KG			2.2	5	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	LEAD	=	0	5.7	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	RADIUM-226	=	0.172	1.37	PCI/G			0.028	0.028	SVLR	36845	9J5K9X10	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	RADIUM-228	=	0.156	1.04	PCI/G			0.0576	0.0576	SVLR	36845	9J5K9X10	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-43	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	THORIUM	=	0	7	MG/KG			0.043	0.21	SVLL	F7H290249	F7H290249004	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	URANIUM	=	0	1	MG/KG			0.021	0.1	SVLL	F7H290249	F7H290249004	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	VANADIUM	=	0	32	MG/KG			1.7	5	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-68	BGS-A2-68S	N	8/16/2007	0.16	0.83	ZINC	TR	0	37	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-43	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	ALUMINUM	=	0	16000	MG/KG			5	10	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	ARSENIC	=	0	2.9	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	BORON	ND	0	4.9	MG/KG	UJ	7	4.9	7.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	BARIUM	=	0	230	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	BERYLLIUM	TR	0	0.58	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	CALCIUM	=	0	12000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	COBALT	=	0	4	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	CHROMIUM, TOTAL	TR	0	4.2	MG/KG	J	T	1.8	5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	COPPER	=	0	8.6	MG/KG			1.9	5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	IRON	=	0	15000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-46	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	POTASSIUM	=	0	2700	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	MANGANESE	=	0	4000	MG/KG			1	10	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	MANGANESE	=	0	370	MG/KG	J	4L	0.8	1	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	MOLYBDENUM	TR	0	0.43	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	SODIUM	=	0	950	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-46	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	NICKEL	TR	0	3.2	MG/KG	J	T	2.2	5	DEL	IQH1759	IQH1759-46	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69D	N	8/16/2007	2	3	LEAD	=	0	9	MG/KG											

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	LEAD	=	0	5.9	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-45	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	RADIUM-226	=	0.14	1.08	PCI/G			0.0351	0.0351	SVLR	36845	9J5K9510	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	RADIUM-228	=	0.25	1.47	PCI/G			0.0736	0.0736	SVLR	36845	9J5K9510	METHOD	E901.1	9/5/2007	9/21/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-45	SW3050B	SW6020	8/21/2007	8/21/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-45	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	THORIUM	=	0	8	MG/KG			0.043	0.21	SVLL	F7H290249	F7H290249006	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-45	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	URANIUM	=	0	0.94	MG/KG			0.021	0.1	SVLL	F7H290249	F7H290249006	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	VANADIUM	=	0	27	MG/KG			1.8	5	DEL	IQH1759	IQH1759-45	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-69	BGS-A2-69S	N	8/16/2007	0.16	0.83	ZINC	TR	0	34	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-45	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	ALUMINUM	=	0	18000	MG/KG			5	9.9	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	ARSENIC	=	0	8	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	BORON	=	0	20	MG/KG			2.1	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	BARIUM	=	0	450	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	BERYLLIUM	=	0	1.7	MG/KG			0.2	1.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	CALCIUM	=	0	9600	MG/KG			6.2	15	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	COBALT	=	0	8	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	CHROMIUM, TOTAL	TR	0	3.8	MG/KG	J	T	1.8	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	COPPER	=	0	8.4	MG/KG			1.9	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	IRON	=	0	12000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-48	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	POTASSIUM	=	0	1900	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	MAGNESIUM	=	0	3500	MG/KG			0.99	9.9	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	MANGANESE	=	0	310	MG/KG	J	4L	0.79	0.99	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	MOLYBDENUM	TR	0	0.45	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	SODIUM	=	0	3000	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	NICKEL	TR	0	3.8	MG/KG	J	T	2.2	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	LEAD	=	0	16	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	RADIUM-226	=	0.33	2.51	PCI/G			0.0583	0	SVLR	36804	9J5NPP10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	RADIUM-228	=	0.27	1.77	PCI/G			0.105	0	SVLR	36804	9J5NPP10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	ANTIMONY	ND	0	0.87	MG/KG	U		0.87	9.9	DEL	IQH1759	IQH1759-48	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-48	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	THORIUM	=	0	15.6	MG/KG			0.049	0.23	SVLL	F7H290249	F7H290249011	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-70	BGS-A2-70D	N	8/16/2007	2	3	THALLIUM	TR	0	0.72	MG/KG	J	T	0.4	2.5							

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-70	BGS-A2-70S	N	8/16/2007	0.16	0.83	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-47	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70S	N	8/16/2007	0.16	0.83	URANIUM	=	0	1.1	MG/KG			0.021	0.11	SVLL	F7H290249	F7H290249010	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-70	BGS-A2-70S	N	8/16/2007	0.16	0.83	VANADIUM	=	0	35	MG/KG			1.7	5	DEL	IQH1759	IQH1759-47	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-70	BGS-A2-70S	N	8/16/2007	0.16	0.83	ZINC	TR	0	46	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-47	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	ALUMINUM	=	0	7400	MG/KG			5	10	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	ARSENIC	=	0	4	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	BORON	ND	0	3.2	MG/KG	UJ	7	3.2	7.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	BARIUM	=	0	120	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	BERYLLIUM	TR	0	0.35	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	CALCIUM	=	0	4100	MG/KG			6.2	15	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	COBALT	=	0	3.5	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	CHROMIUM, TOTAL	=	0	5.7	MG/KG			1.8	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	COPPER	=	0	14	MG/KG			1.9	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	IRON	=	0	14000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	MERCURY	TR	0	0.018	MG/KG	J	T,4H	0.012	0.02	DEL	IQH1759	IQH1759-50	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	POTASSIUM	=	0	1100	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	MAGNESIUM	=	0	2500	MG/KG			1	10	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	MANGANESE	=	0	300	MG/KG	J	4L	0.8	1	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	MOLYBDENUM	ND	0	0.4	MG/KG	U		0.4	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	SODIUM	=	0	510	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	NICKEL	TR	0	3.3	MG/KG	J	T	2.3	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	LEAD	=	0	4.6	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	RADIUM-226	=	0.13	1	PCI/G			0.0265	0.0265	SVLR	36845	9J5LAK10	METHOD	E901.1	9/5/2007	9/22/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	RADIUM-228	=	0.19	1.22	PCI/G			0.0533	0.0533	SVLR	36845	9J5LAK10	METHOD	E901.1	9/5/2007	9/22/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-50	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	THORIUM	=	0	9.3	MG/KG			0.043	0.21	SVLL	F7H290249	F7H290249009	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	URANIUM	=	0	0.96	MG/KG			0.021	0.1	SVLL	F7H290249	F7H290249009	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	VANADIUM	=	0	29	MG/KG			1.8	5	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71D	N	8/16/2007	2	3	ZINC	TR	0	29	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-50	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71S	N	8/16/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-49	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-71	BGS-A2-71S	N	8/16/2007	0.16	0.83	ALUMINUM	=	0	11000	MG/KG			5	9.9	DEL	IQH1759	IQH1759-49	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-71	BGS-A2-71S	N	8/16/2007	0.16	0.83	ARSENIC	=	0	4.4	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-49				

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Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	ARSENIC	=	0	6.6	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	BORON	ND	0	6.5	MG/KG	UJ	7	6.5	7.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	BARIUM	=	0	110	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	BERYLLIUM	TR	0	0.38	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	CALCIUM	=	0	12000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	COBALT	=	0	6.9	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	CHROMIUM, TOTAL	=	0	9.1	MG/KG			1.8	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	COPPER	=	0	79	MG/KG			1.9	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	IRON	=	0	17000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-52	METHOD	F7H2471A	8/28/2007	8/28/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	POTASSIUM	=	0	1200	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	MAGNESIUM	=	0	5300	MG/KG			1	10	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	MANGANESE	=	0	160	MG/KG	J	4L	0.8	1	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	MOLYBDENUM	TR	0	0.46	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	SODIUM	=	0	290	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	NICKEL	=	0	10	MG/KG			2.2	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	LEAD	=	0	4.3	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	RADIUM-226	=	0.14	1.01	PCI/G			0.0346	0	SVLR	36804	9J5NPC10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	RADIUM-228	=	0.14	0.842	PCI/G			0.0666	0	SVLR	36804	9J5NPC10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-52	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	THORIUM	=	0	6.1	MG/KG			0.042	0.2	SVLL	F7H290249	F7H290249013	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	URANIUM	=	0	1.6	MG/KG			0.02	0.1	SVLL	F7H290249	F7H290249013	NONE	SW6020	9/11/2007	9/18/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	VANADIUM	=	0	45	MG/KG			1.8	5	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72D	N	8/16/2007	2	3	ZINC	TR	0	29	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-52	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-51	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	ALUMINUM	=	0	16000	MG/KG			5	10	DEL	IQH1759	IQH1759-51	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	ARSENIC	=	0	5.3	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-51	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	BORON	=	0	9.4	MG/KG			2.1	5	DEL	IQH1759	IQH1759-51	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	BARIUM	=	0	100	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-51	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	BERYLLIUM	TR	0	0.7	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-51	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	CALCIUM	=	0	4700	MG/KG			6.2	15	DEL	IQH1759	IQH1759-51	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	CADMIDIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-51	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-72	BGS-A2-72S	N	8/16/2007	0.16	0.83	COBALT	=	0	6.7	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-51				

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	COBALT	=	0	6.6	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	CHROMIUM, TOTAL	=	0	9.3	MG/KG			1.8	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	COPPER	=	0	64	MG/KG			1.9	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	IRON	=	0	19000	MG/KG	J	4H	1.5	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	MERCURY	=	0	0.072	MG/KG	J	4L	0.012	0.02	DEL	IQH1759	IQH1759-54	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	POTASSIUM	=	0	1800	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-54	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	MAGNESIUM	=	0	5000	MG/KG			0.99	9.9	DEL	IQH1759	IQH1759-54	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	MANGANESE	=	0	220	MG/KG	J	4L	0.79	0.99	DEL	IQH1759	IQH1759-54	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	MOLYBDENUM	TR	0	0.67	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	SODIUM	=	0	1600	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-54	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	NICKEL	=	0	9.3	MG/KG			2.3	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	LEAD	=	0	5.7	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	RADIUM-226	=	0.16	1.2	PCI/G			0.0363	0	SVLR	36804	9J5NPG10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	RADIUM-228	=	0.17	1.05	PCI/G			0.0668	0	SVLR	36804	9J5NPG10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	ANTIMONY	ND	0	0.87	MG/KG	U		0.87	9.9	DEL	IQH1759	IQH1759-54	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	SELENIUM	ND	0	0.75	MG/KG	U		0.75	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	THORIUM	=	0	8.5	MG/KG			0.043	0.21	SVLL	F7H290249	F7H290249015	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	URANIUM	=	0	1.7	MG/KG			0.021	0.1	SVLL	F7H290249	F7H290249015	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	VANADIUM	=	0	41	MG/KG			1.8	5	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73D	N	8/16/2007	2	3	ZINC	TR	0	33	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-54	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	ALUMINUM	=	0	22000	MG/KG			5	9.9	DEL	IQH1759	IQH1759-53	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	ARSENIC	=	0	3	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	BORON	=	0	18	MG/KG			2.1	5	DEL	IQH1759	IQH1759-53	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	BARIUM	=	0	99	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	BERYLLIUM	TR	0	0.8	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	CALCIUM	=	0	16000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-53	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	COBALT	=	0	8	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	16	MG/KG			1.8	5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	COPPER	=	0	55	MG/KG			1.9	5	DEL	IQH1759	IQH1759-53	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	IRON	=	0	24000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-53	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	MERCURY	ND	0	0.012	MG/KG	U		0.012	0.02	DEL	IQH1759	IQH1759-53	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	POTASSIUM	=	0	5700	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-53	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-73	BGS-A2-73S	N	8/16/2007	0.16	0.83	MAGNESIUM	=	0	8500	MG/KG			0.99								

Table D-3. Raw Background Concentration Data for Soil

Location Name	Sample Name	Sample Type	Sample Date	Begin Depth (ft)	End Depth (ft)	Analyte Name	Parvq ID	Result Uncertainty	Result	Units	Verification Qualifier	Reason Code	Detection Limit	Reporting Limit	Lab	SDG	Lab Sample Name	Prep Method	Analytical Method	Prep Date	Analytical Date
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	MAGNESIUM	=	0	6700	MG/KG	J	4L	1	10	DEL	IQH1759	IQH1759-56	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	MANGANESE	=	0	170	MG/KG	J	T	0.8	1	DEL	IQH1759	IQH1759-56	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	MOLYBDENUM	TR	0	1.5	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	SODIUM	=	0	2000	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-56	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	NICKEL	=	0	13	MG/KG			2.2	5	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	LEAD	=	0	3.8	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	RADIUM-226	=	0.13	1.03	PCI/G			0.0252	0	SVLR	36804	9J5NPL10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	RADIUM-228	=	0.16	0.831	PCI/G			0.0494	0	SVLR	36804	9J5NPL10	METHOD	E901.1	9/18/2007	9/18/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	ANTIMONY	ND	0	0.88	MG/KG	U		0.88	10	DEL	IQH1759	IQH1759-56	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	SELENIUM	TR	0	0.95	MG/KG	J	T	0.75	5	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	THORIUM	=	0	4.3	MG/KG			0.043	0.21	SVLL	F7H290249	F7H290249017	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	THALLIUM	ND	0	0.4	MG/KG	U		0.4	2.5	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	URANIUM	=	0	2.9	MG/KG			0.021	0.1	SVLL	F7H290249	F7H290249017	NONE	SW6020	9/11/2007	9/19/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	VANADIUM	=	0	53	MG/KG			1.8	5	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74D	N	8/16/2007	2	3	ZINC	TR	0	24	MG/KG	J	T	6.5	50	DEL	IQH1759	IQH1759-56	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	SILVER	ND	0	0.5	MG/KG	U		0.5	2.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	ALUMINUM	=	0	27000	MG/KG			5	9.9	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	ARSENIC	=	0	3.9	MG/KG			1.8	2.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	BORON	=	0	20	MG/KG			2.1	5	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	BARIUM	=	0	100	MG/KG			0.65	2.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/30/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	BERYLLIUM	TR	0	1.1	MG/KG	J	T	0.2	1.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	CALCIUM	=	0	9000	MG/KG			6.2	15	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	CADMIUM	ND	0	0.3	MG/KG	U		0.3	2.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	COBALT	=	0	10	MG/KG			0.4	2.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	CHROMIUM, TOTAL	=	0	17	MG/KG			1.8	5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	COPPER	=	0	95	MG/KG			1.9	5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	IRON	=	0	26000	MG/KG			1.5	5	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	MERCURY	=	0	0.053	MG/KG	J	4H	0.012	0.02	DEL	IQH1759	IQH1759-55	METHOD	SW7471A	8/28/2007	8/28/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	POTASSIUM	=	0	5900	MG/KG	J	4L	19	50	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	MAGNESIUM	=	0	12000	MG/KG			0.99	9.9	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	MANGANESE	=	0	280	MG/KG	J	4L	0.79	0.99	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	MOLYBDENUM	TR	0	0.61	MG/KG	J	T	0.4	5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	SODIUM	=	0	1200	MG/KG	J	4L	24	50	DEL	IQH1759	IQH1759-55	SW3050B	SW6010B	8/21/2007	8/21/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	NICKEL	=	0	19	MG/KG			2.2	5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	LEAD	=	0	9	MG/KG			0.25	2.5	DEL	IQH1759	IQH1759-55	SW3050B	SW6020	8/28/2007	8/29/2007
BGS-A2-74	BGS-A2-74S	N	8/16/2007	0.16	0.83	RADIUM-226	=														