
TABLES

Sample	Date	Time	Depth	Sb	As	Se	Ag	Ba	Be	Cd	Co	Cr	Cu	Mo	Ni	Pb	Sn	Sr	Tl	V	Zn	Notes
Detection Limit			(m)	5	10	2	1	5	1	0.5	1	0.5	2	1	2	5	5	1	1	1	10	
CCME - PE&HH (industrial)				40	12	10	40	2000	8	27	300	87	91	40	50	600	300		1	130	380	
CCME - PE&HH (residential)				20	12	3	20	500	4	10	50	64	63	10	50	140	50		1	130	200	
010-01	2002-06-10	11:54	0-0.05	<5	30	<2	2	45	<1	4.3	4	11.5	20	1	10	174	<5	18	<1	18	1 780	0
010-02	2002-06-10	12:00	0-0.05	<5	30	<2	1	52	<1	6.4	4	13.4	19	1	10	156	<5	15	1	20	1 770	0
110-01	2002-06-10	12:08	0-0.05	<5	20	<2	<1	47	<1	5.8	4	8.5	15	1	10	127	<5	22	1	17	1 770	0
120-01	2002-06-11	10:51	0-0.05	<5	40	<2	5	36	<1	9.9	3	7.2	20	1	10	665	<5	18	1	15	2 410	0
130-01	2002-06-11	10:51	0-0.05	<5	30	<2	<1	26	<1	15.5	2	3.2	18	1	7	169	<5	20	1	7	3 100	0
140-01	2002-06-11	10:44	0-0.05	<5	<10	<2	<1	34	<1	2.9	8	21.0	22	<1	22	247	<5	64	<1	29	980	0
150-01	2002-06-11	12:36	0-0.05	<5	20	<2	<1	44	<1	4.7	6	10.3	16	<1	11	209	<5	19	<1	16	1 280	0
160-01	2002-06-11	10:36	0-0.05	<5	20	<2	2	51	<1	9.9	5	10.6	42	<1	10	274	<5	10	2	21	2 570	0
170-01	2002-06-11	10:28	0-0.05	<5	50	<2	7	63	<1	6.4	4	11.9	128	2	8	242	<5	6	<1	18	4 690	0
210-01	2002-06-10	12:15	0-0.05	<5	50	<2	2	21	<1	27.6	5	5.6	22	1	6	226	<5	1	<1	14	20 400	0
210-02	2002-06-10	12:20	0-0.05	<5	30	<2	2	16	<1	40.5	28	7.1	108	3	22	561	<5	4	<1	14	38 500	0
220-01	2002-06-11	10:58	0-0.05	<5	50	<2	1	53	<1	9.4	4	7.9	27	2	9	195	<5	24	2	18	2 370	0
220-02	2002-06-11	11:02	0-0.05	<5	40	<2	2	38	<1	6.3	3	6.1	25	1	4	158	<5	1	<1	13	4 940	0
220-03	2002-06-11	11:06	0-0.05	<5	20	<2	2	9	<1	47.6	20	6.9	74	2	16	483	<5	6	<1	15	29 000	S 220-04√
220-04	2002-06-11	11:06	0-0.05	<5	40	<2	2	24	<1	50.2	16	6.2	68	2	14	393	<5	4	<1	14	29 100	S 220-03√
230-01	2002-06-11	12:23	0-0.05	<5	30	<2	2	32	<1	38.9	11	7.8	43	4	11	297	<5	11	<1	16	27 500	L split w/ Lorax√
230-02	2002-06-11	12:36	0-0.05	<5	10	<2	1	28	<1	11.5	7	10.1	30	1	9	162	<5	9	1	10	6 250	0
240-01	2002-06-11	12:31	0-0.05	<5	<10	<2	8	6	<1	7.2	4	7.6	25	1	7	240	<5	8	<1	15	4 100	0
250-01	2002-06-11	12:40	0-0.05	<5	<10	<2	<1	77	<1	10.4	7	11.8	71	<1	14	457	<5	27	<1	20	3 580	0
250-02	2002-06-11	12:36	0-0.05	<5	<10	<2	3	<5	<1	22.2	27	6.4	107	<1	20	618	<5	8	1	10	12 900	0
260-01	2002-06-11	12:40	0-0.05	<5	<10	<2	<1	37	<1	2.5	5	12.2	41	<1	13	94	<5	29	<1	22	1 120	0
270-01	2002-06-11	10:23	0-0.05	<5	20	<2	3	41	<1	9.0	5	10.4	20	<1	10	172	<5	21	1	17	2 800	0
310-01	2002-06-10	12:35	0-0.05	<5	<10	<2	<1	51	<1	4.6	8	19.3	30	<1	21	192	<5	50	<1	31	1 630	0
310-02	2002-06-10	12:35	0-0.05	<5	<10	<2	<1	54	<1	8.8	10	24.7	26	<1	26	243	<5	55	<1	37	1 890	0
320-01	2002-06-11	09:34	0-0.05	<5	<10	<2	<1	187	<1	3.7	6	18.2	49	<1	15	230	<5	36	<1	31	1 170	0
330-01	2002-06-11	09:39	0-0.05	<5	<10	<2	<1	197	<1	3.8	6	17.2	54	<1	15	249	<5	38	<1	29	1 220	0
340-01	2002-06-11	09:43	0-0.05	<5	<10	<2	<1	43	<1	1.5	11	26.9	45	1	29	84	<5	57	<1	48	450	0
350-01	2002-06-11	09:57	0-0.05	<5	<10	<2	<1	54	<1	0.7	9	24.8	45	<1	24	58	<5	59	<1	34	260	0
360-01	2002-06-11	09:51	0-0.05	<5	10	<2	3	48	<1	10.5	6	15.5	43	1	15	217	<5	29	<1	28	3 220	0
370-01	2002-06-11	09:56	0-0.05	<5	<10	<2	1	34	<1	3.0	5	9.2	53	1	15	114	<5	28	<1	20	1 150	0
410-01	2002-06-10	12:45	0-0.05	<5	<10	<2	<1	53	<1	4.7	11	25.6	42	<1	30	244	<5	51	<1	45	1 390	0
420-01	2002-06-11	09:10	0-0.05	<5	<10	<2	<1	58	<1	13.0	8	23.4	25	<1	23	416	<5	55	<1	32	3 880	0
430-01	2002-06-11	09:06	0-0.05	<5	<10	<2	<1	53	<1	2.5	8	14.8	22	<1	20	80	<5	56	<1	21	840	0
440-01	2002-06-11	09:02	0-0.05	<5	<10	<2	<1	47	<1	6.3	11	23.9	30	1	27	286	<5	68	<1	40	2 010	0
450-01	2002-06-11	08:58	0-0.05	<5	<10	<2	<1	43	<1	9.2	14	20.3	41	2	27	2 720	<5	45	<1	40	2 860	0
460-01	2002-06-11	08:52	0-0.05	<5	<10	<2	<1	46	<1	6.5	14	24.5	59	2	32	308	<5	52	<1	51	2 100	0

Sample	Date	Time	Depth	Sb	As	Se	Ag	Ba	Be	Cd	Co	Cr	Cu	Mo	Ni	Pb	Sn	Sr	Tl	V	Zn	Notes		
Detection Limit				5	10	2	1	5	1	0.5	1	0.5	2	1	2	5	5	1	1	1	10			
CCME - PE&HH (industrial)				40	12	10	40	2000	8	27	300	87	91	40	50	600	300			1	130	380		
CCME - PE&HH (residential)				20	12	3	20	500	4	10	50	64	63	10	50	140	50			1	130	200		
470-01	2002-06-11	08:42	0-0.05	<5	<10	<2	<1	31	<1	1.3	6	13.6	107	<1	16	93	<5	27	<1	23	570	0		
480-01	2002-06-11	08:47	0-0.05	<5	30	<2	2	58	<1	13.6	5	8.9	28	1	12	288	<5	17	1	18	4 540	0		
510-01	2002-06-10	13:05	0-0.05	<5	<10	<2	<1	34	<1	0.6	11	25.9	34	<1	29	22	<5	56	<1	38	220	0		
520-01	2002-06-11	08:07	0-0.05	<5	<10	<2	<1	39	<1	4.0	9	23.2	19	<1	22	164	<5	65	<1	35	1 150	0		
530-01	2002-06-11	08:16	0-0.05	<5	<10	<2	2	55	<1	31.1	10	22.0	28	1	20	1 380	<5	56	<1	29	9 780	0		
540-01	2002-06-11	08:20	0-0.05	<5	<10	<2	<1	44	<1	4.4	9	21.6	27	<1	23	178	<5	57	<1	33	1 630	0		
550-01	2002-06-11	08:24	0-0.05	<5	<10	<2	<1	47	<1	0.8	11	24.0	35	<1	28	84	<5	67	<1	43	330	0		
560-01	2002-06-11	08:28	0-0.05	<5	<10	<2	<1	43	<1	2.1	9	20.4	45	<1	23	95	<5	57	<1	31	600	0		
570-01	2002-06-11	08:36	0-0.05	<5	<10	<2	<1	30	<1	8.5	21	20.3	65	1	27	678	<5	45	<1	38	2 800	0		
580-01	2002-06-11	08:36	0-0.05	<5	<10	<2	<1	37	<1	3.1	14	23.2	153	<1	21	403	<5	33	<1	31	1 170	0		
610-01	2002-06-10	12:10	0-0.05	<5	10	<2	<1	96	<1	3.3	10	21.2	46	2	32	89	<5	51	<1	44	1 030	0		
620-01	2002-06-10	20:21	0-0.05	<5	<10	<2	1	85	<1	29.7	14	23.7	26	<1	27	347	<5	58	<1	38	9 380	0		
620-02	2002-06-10	20:24	0-0.05	<5	<10	<2	<1	59	<1	10.3	11	21.3	57	1	24	466	<5	47	<1	38	3 350	0		
630-01	2002-06-10	20:16	0-0.05	<5	<10	<2	<1	36	<1	3.7	8	22.2	26	<1	23	184	<5	54	<1	37	1 180	0		
640-01	2002-06-10	20:12	0-0.05	<5	<10	<2	<1	40	1	7.0	10	24.4	29	<1	27	352	<5	59	<1	36	2 560	0		
650-01	2002-06-10	20:08	0-0.05	<5	<10	<2	<1	30	<1	1.0	10	23.8	30	<1	30	68	<5	53	<1	35	310	0		
660-01	2002-06-10	20:03	0-0.05	<5	<10	<2	<1	43	<1	2.1	10	27.3	26	<1	24	129	<5	63	<1	37	680	0		
670-01	2002-06-10	19:57	0-0.05	<5	<10	<2	<1	44	<1	7.4	12	27.5	31	<1	28	249	<5	54	<1	50	2 340	0		
680-01	2002-06-10	19:51	0-0.05	<5	<10	<2	<1	46	<1	3.8	20	17.6	79	2	26	448	<5	19	<1	30	1 580	0		
710-01	2002-06-10	13:15	0-0.05	<5	<10	<2	1	60	<1	13.9	9	19.0	22	1	20	266	<5	50	<1	30	3 960	S	710-02 d 01/02 0	
710-02	2002-06-10	13:20	0-0.05	<5	<10	<2	2	67	<1	29.4	11	22.7	33	1	24	392	<5	48	<1	37	12 600	S	710-01 d 01/02 0	
720-01	2002-06-10	19:12	0-0.05	<5	<10	<2	<1	73	<1	15.9	10	23.9	30	2	25	382	<5	54	<1	40	4 430	0		
730-01	2002-06-10	19:15	0-0.05	<5	<10	<2	<1	51	<1	11.7	10	23.8	26	<1	24	507	<5	65	<1	33	3 790	0		
740-01A	2002-06-10	19:19	0-0.05	<5	<10	<2	<1	45	<1	2.7	5	15.1	17	<1	15	139	<5	35	<1	23	820	R	740-01B ✓	
740-01B	2002-06-10	19:19	0-0.05	<5	<10	<2	<1	25	<1	2.8	5	13.0	18	<1	13	145	<5	32	<1	20	910	R	740-01A ✓	
740-02	2002-06-10	19:23	0-0.05	<5	<10	<2	<1	8	<1	0.5	1	8.3	8	<1	2	141	<5	6	<1	7	210	0		
750-01	2002-06-10	19:27	0-0.05	<5	<10	<2	<1	32	<1	1.5	11	27.7	35	<1	31	88	<5	56	<1	43	480	0		
760-01	2002-06-10	19:31	0-0.05	<5	<10	<2	<1	53	<1	6.4	11	24.6	38	8	33	219	<5	54	<1	48	1 910	0		
770-01	2002-06-10	19:35	0-0.05	<5	<10	<2	<1	40	<1	3.9	10	26.5	41	<1	28	162	<5	57	<1	43	1 310	0		
780-01	2002-06-10	19:39	0-0.05	<5	<10	<2	1	70	<1	3.6	12	26.2	43	<1	31	162	<5	55	<1	46	1 160	0		
790-01	2002-06-10	19:43	0-0.05	<5	<10	<2	<1	27	<1	1.6	10	21.4	27	<1	25	61	<5	52	<1	28	580	0		
790-02	2002-06-10	19:43	0-0.05	<5	<10	<2	<1	45	<1	0.7	7	11.0	23	<1	16	126	<5	26	<1	21	330	0		
810-01	2002-06-10	13:25	0-0.05	<5	<10	<2	<1	61	<1	12.8	10	23.4	29	1	24	460	<5	49	<1	40	2 070	0		
820-01	2002-06-10	19:00	0-0.05	<5	<10	<2	<1	52	<1	10.1	10	20.6	31	<1	23	281	<5	49	<1	31	3 420	S	820-01 ✓	
820-02	2002-06-10	19:00	0-0.05	<5	<10	<2	<1	51	<1	7.6	11	25.7	35	<1	26	231	<5	53	<1	41	2 410	S	820-01 ✓	
830-01	2002-06-10	18:54	0-0.05	<5	<10	<2	<1	39	<1	4.7	9	22.3	30	<1	25	209	<5	50	<1	36	1 280	0		

Sample	Date	Time	Depth	Sb	As	Se	Ag	Ba	Be	Cd	Co	Cr	Cu	Mo	Ni	Pb	Sn	Sr	Tl	V	Zn	Notes
Detection Limit			(m)	5	10	2	1	5	1	0.5	1	0.5	2	1	2	5	5	1	1	1	10	
CCME - PE&HH (industrial)				40	12	10	40	2000	8	27	300	87	91	40	50	600	300		1	130	380	
CCME - PE&HH (residential)				20	12	3	20	500	4	10	50	64	63	10	50	140	50		1	130	200	
840-01	2002-06-10	18:49	0-0.05	<5	<10	<2	<1	24	<1	4.2	7	17.7	23	<1	19	344	<5	40	<1	29	1 410	0
850-01	2002-06-10	18:44	0-0.05	<5	<10	<2	<1	50	<1	2.2	10	27.8	27	<1	27	62	<5	66	<1	48	640	0
860-01	2002-06-10	18:38	0-0.05	<5	<10	<2	<1	47	<1	0.9	10	28.6	31	<1	29	23	<5	68	<1	47	370	0
870-01	2002-06-10	18:34	0-0.05	<5	<10	<2	<1	76	<1	0.7	11	26.2	34	2	33	125	<5	69	<1	53	240	0
880-01	2002-06-10	18:29	0-0.05	<5	<10	<2	<1	87	<1	0.6	9	26.2	27	<1	25	47	<5	70	<1	46	210	0
910-01	2002-06-10	13:25	0-0.05	<5	<10	<2	<1	42	<1	6.7	9	25.0	47	<1	28	180	<5	67	<1	47	2 750	0
910-02	2002-06-10	13:45	0-0.05	<5	<10	<2	<1	46	<1	5.7	8	19.7	41	<1	21	198	<5	41	<1	34	1 810	0
910-03	2002-06-10	13:50	0-0.05	<5	<10	<2	<1	40	<1	0.8	8	23.5	22	<1	27	31	<5	50	<1	36	440	0
920-01	2002-06-10	17:37	0-0.05	<5	<10	<2	<1	77	<1	1.5	11	24.2	35	2	34	22	<5	45	<1	44	480	0
930-01	2002-06-10	17:43	0-0.05	<5	<10	<2	<1	48	<1	10.6	9	20.1	26	<1	83	451	<5	86	<1	28	3 630	0
940-01	2002-06-10	17:47	0-0.05	<5	<10	<2	<1	40	<1	0.7	10	24.8	27	<1	26	29	<5	61	<1	36	220	0
950-01	2002-06-10	17:53	0-0.05	<5	<10	<2	<1	55	<1	1.2	15	22.0	56	<1	34	197	<5	34	<1	39	400	0
960-01	2002-06-10	17:58	0-0.05	<5	<10	<2	<1	323	<1	3.7	112	18.0	44	3	87	262	<5	24	<1	39	840	0
970-01	2002-06-10	18:22	0-0.05	<5	<10	<2	<1	66	<1	<0.5	9	17.6	51	<1	23	44	<5	27	<1	33	210	0
980-01	2002-06-10	18:16	0-0.05	<5	<10	<2	<1	39	<1	0.8	8	10.1	29	<1	14	123	<5	21	<1	20	370	0
1010-01A	2002-06-10	14:05	0-0.05	<5	<10	<2	<1	60	<1	11.0	9	20.6	33	<1	23	203	<5	47	<1	35	3 860	R 1010-01B ✓
1010-01B	2002-06-10	14:05	0-0.05	<5	<10	<2	<1	65	<1	11.1	9	23.3	38	1	23	255	<5	52	<1	41	4 000	R 1010-01A ✓
1020-01	2002-06-10	15:01	0-0.05	<5	<10	<2	<1	63	<1	4.0	10	24.0	166	2	23	177	<5	44	<1	43	1 180	0
1030-01	2002-06-10	14:55	0-0.05	<5	<10	<2	<1	25	<1	<0.5	6	15.6	37	<1	16	24	<5	22	<1	29	110	0
1040-01	2002-06-11	13:05	0-0.05	<5	<10	<2	<1	63	<1	11.3	10	22.7	85	<1	26	159	<5	58	<1	31	4 180	0
1050-01	2002-06-11	13:11	0-0.05	<5	<10	<2	<1	64	<1	5.0	41	21.7	26	<1	43	92	<5	57	<1	32	1 840	0
1060-01	2002-06-11	13:16	0-0.05	<5	<10	<2	<1	61	<1	1.3	10	29.5	43	<1	29	69	<5	23	<1	61	510	0
1070-01	2002-06-11	13:20	0-0.05	<5	<10	<2	<1	34	<1	3.9	9	18.0	56	<1	21	155	<5	30	<1	31	1 400	0
1080-01	2002-06-10	18:05	0-0.05	<5	<10	<2	<1	45	<1	0.8	11	16.2	40	1	24	91	<5	28	<1	30	240	0
1110-01	2002-06-10	14:10	0-0.05	<5	<10	<2	<1	50	<1	4.6	12	27.2	39	<1	31	245	<5	59	<1	51	1 450	0
1110-02	2002-06-10	14:10	0-0.05	<5	<10	<2	<1	28	<1	1.2	8	16.2	33	<1	18	104	<5	28	<1	30	450	0
1120-01	2002-06-10	15:07	0-0.05	<5	<10	<2	<1	117	<1	4.5	6	16.0	29	<1	16	168	<5	32	<1	30	1 180	0
1130-01	2002-06-10	14:48	0-0.05	<5	<10	<2	<1	32	<1	<0.5	6	18.6	23	<1	19	15	<5	29	<1	33	90	0
1140-01	2002-06-11	13:28	0-0.05	<5	<10	<2	<1	34	<1	1.1	10	20.4	28	<1	25	118	<5	34	<1	34	330	0
1150-01	2002-06-11	13:25	0-0.05	<5	<10	<2	<1	35	<1	0.8	8	20.6	21	<1	24	25	<5	49	<1	35	220	0
1210-01	2002-06-10	14:22	0-0.05	<5	<10	<2	<1	24	<1	<0.5	9	19.3	35	<1	26	27	<5	49	<1	27	140	0
1210-02	2002-06-10	14:20	0-0.05	<5	<10	<2	<1	41	<1	<0.5	10	22.4	26	<1	27	35	<5	60	<1	25	160	0
1220-01	2002-06-10	12:30	0-0.05	<5	<10	<2	<1	56	<1	0.6	9	25.1	25	<1	28	19	<5	74	<1	41	200	0
1230-01	2002-06-10	12:32	0-0.05	<5	<10	<2	<1	49	<1	3.8	13	30.8	48	<1	31	221	<5	65	<1	57	1 210	0
1230-02	2002-06-10	14:32	0-0.05	<5	<10	<2	<1	38	<1	1.4	7	18.4	24	<1	21	62	<5	33	<1	34	520	0
1230-03	2002-06-10	14:45	0-0.05	<5	<10	<2	<1	27	<1	<0.5	8	19.9	36	<1	18	17	<5	24	<1	35	90	0
1240-01	2002-06-11	13:31	0-0.05	<5	<10	<2	<1	44	<1	3.8	8	21.7	23	<1	23	169	<5	48	<1	38	1 120	0

Sample	Date	Time	Depth	Sb	As	Se	Ag	Ba	Be	Cd	Co	Cr	Cu	Mo	Ni	Pb	Sn	Sr	Tl	V	Zn	Notes
Detection Limit (m)				5	10	2	1	5	1	0.5	1	0.5	2	1	2	5	5	1	1	1	10	
CCME - PE&HH (industrial)				40	12	10	40	2000	8	27	300	87	91	40	50	600	300		1	130	380	
CCME - PE&HH (residential)				20	12	3	20	500	4	10	50	64	63	10	50	140	50		1	130	200	
Range	Upper value			<5	50	<2	8	323	<1	50.2	112	28.6	166	8	87	2 720	<5	86	2	61	38 500	
	Lower value			<5	<10	<2	<1	8	<1	<0.5	1	3.2	15	<1	2	17	<5	1	<1	7	90	
# samples at or above residential criteria				0	17	0	0	0	0	25	1	0	12	0.01	2	70	0	0.01	10	0.01	106	
% samples at or above residential criteria				0%	16%	0%	0%	0%	0%	23%	1%	0%	11%	0%	2%	64%	0%	0%	9%	0%	97%	
# samples below detection limit				109	92	109	85	0	0.01	5	0.01	0	0	38	0.01	0	109	0.01	99	0	0	
% samples below detection limit				100%	84%	100%	78%	0%	0%	5%	0%	0%	0%	35%	0%	0%	100%	0%	91%	0%	0%	
Mean 109 samples				5.0	13.5	2.0	1.3	51.0	1.0	7.4	10.5	18.3	39.3	1.3	22.2	271.1	5.0	40.5	1.01	30.5	3 769	
Mode				5.0	10.0	2.0	1.0	34.0	1.0	0.8	10.0	26.2	26.0	1.0	23.0	162.0	5.0	57.0	0.99	31.0	220	
Median				5.0	10.0	2.0	1.0	45.0	1.0	4.2	9.0	20.6	31.0	1.0	23.0	178.0	5.0	48.0	0.99	33.0	1280	
Standard deviation					9.2		1.0	37.3	0.0	9.6	11.1	6.7	26.2	0.8	11.5	302.9		19.7	0.14	11.5	6212	
Note Where result was less than detection limit, an approximation of the detection limit was used in calculating mean, mode median and standard deviation. (ie., 4.99 for 5, 9.99 for 10, 1.99 for 2, 0.99 for 1, 0.49 for 0.5)																						

CON1P	2002-06-11	00:00	0-0.05	<5	<10	<2	<1	49	<1	<0.5	7	21.7	16	<1	20	14	<5	73	<1	30	60	P Control sample ✓
CON1P	2002-06-11	00:00	0.05-0.1	<5	<10	<2	<1	49	<1	<0.5	7	21.6	15	<1	20	11	<5	80	<1	30	60	P Control sample ✓
CON1P	2002-06-11	00:00	0.1-0.15	<5	<10	<2	<1	42	<1	<0.5	7	20.9	16	<1	20	13	<5	76	<1	27	70	P Control sample ✓
CON1P	2002-06-11	00:00	0.15-0.2	<5	<10	<2	<1	37	<1	<0.5	7	21.6	15	<1	20	11	<5	73	<1	28	60	P Control sample ✓
CON1P	2002-06-11	00:00	0.2-0.25	<5	<10	<2	<1	43	<1	<0.5	7	20.1	14	<1	20	9	<5	72	<1	26	40	P Control sample ✓
CON1P	2002-06-11	00:00	0.25-0.3	<5	<10	<2	<1	38	<1	<0.5	7	22.0	14	<1	19	7	<5	77	<1	28	40	P Control sample ✓
CON1P	2002-06-11	00:00	0.3-0.35	<5	<10	<2	<1	45	<1	<0.5	7	21.3	15	<1	20	8	<5	79	<1	28	40	P Control sample ✓

CON2P	2002-06-11		0-0.05	<5	<10	<2	<1	174	<1	<0.5	8	11.3	27	<1	14	9	<5	7	<1	24	90	P Control sample ✓
CON2P	2002-06-11		0.05-0.1	<5	<10	<2	<1	180	<1	<0.5	9	13.5	23	<1	15	7	<5	12	<1	28	30	P Control sample ✓
CON2P	2002-06-11		0.1-0.2	<5	<10	<2	<1	175	<1	<0.5	9	11.8	25	<1	15	6	<5	10	<1	24	60	P Control sample ✓

870P3	2002-06-11		0-0.05	<5	<10	<2	<1	31	<1	<0.5	10	24.3	34	1	29	16	<5	58	<1	35	130	P Grid 870V
870P3	2002-06-11		0.05-0.1	<5	<10	<2	<1	120	<1	0.7	11	26.7	45	1	32	23	<5	57	<1	46	210	P Grid 870 ✓
870P3	2002-06-11		0.1-0.15	<5	<10	<2	<1	43	<1	<0.5	11	29.0	48	1	33	21	<5	58	<1	47	120	P Grid 870V

910P1	2002-06-11		0-0.05	<5	<10	<2	<1	91	<1	3.1	9	26.2	74	<1	26	75	<5	64	<1	47	1 170	P Grid 910 ✓
910P1	2002-06-11		0.05-0.1	<5	<10	<2	<1	75	<1	3.6	9	26.4	47	<1	26	64	<5	70	<1	47	1 330	P Grid 910 ✓
910P1	2002-06-11		0.1-0.15	<5	<10	<2	<1	101	<1	1.8	10	27.9	75	<1	27	52	<5	69	<1	45	670	P Grid 910 ✓
910P1	2002-06-11		0.15-0.2	<5	<10	<2	<1	107	<1	2.0	9	26.3	44	1	27	48	<5	66	<1	48	750	P Grid 910 ✓

1240P2	2002-06-11		0-0.05	<5	<10	<2	<1	30	<1	0.9	6	14.8	22	<1	18	29	<5	25	<1	27	270	P Grid 1240V
1240P2	2002-06-11		0.05-0.10	<5	<10	<2	<1	29	<1	<0.5	6	18.3	32	1	19	12	<5	21	<1	38	60	P Grid 1240 ✓
1240P2	2002-06-11		0.10-0.15	<5	<10	<2	<1	29	<1	<0.5	7	15.1	31	<1	17	10	<5	16	<1	30	60	P Grid 1240V

650P4	2002-06-11		0-0.05	<5	<10	<2	<1	50	<1	1.5	9	25.4	35	<1	23	136	<5	68	<1	37	500	P Grid 650 ✓
650P4	2002-06-11		0.05-0.10	<5	<10	<2	<1	49	<1	1.3	9	26.1	46	<1	24	103	<5	64	<1	47	430	P Grid 650 ✓
650P4	2002-06-11		0.10-0.15	<5	<10	<2	<1	39	<1	1.0	8	22.3	39	<1	23	64	<5	65	<1	33	340	P Grid 650 ✓

APPENDIX A
Scope of Work Letter to GN

EBA Engineering Consultants Ltd.

Creating and Delivering Better Solutions

June 4, 2002

EBA File: 0701-1740015-001

Department of Sustainable Development
Government of Nunavut
P.O. Box 1000, Stn 1150
Iqaluit, Nunavut
X0A 0H0

Attention: Mr. Bernie MacIsaac
Senior Advisor, Minerals Oils and Gas Division

Dear Mr. MacIsaac:

**Subject: Preliminary Cost Estimate, Proposed Soil Sampling Program
Nanisivik Town Site, Nanisivik Mine Site, Nunavut**

A preliminary cost estimate to undertake the above sampling program, pursuant to our telephone conversations of yesterday, May 30, 2002, has been prepared for your approval. It is our understanding that the soil sampling program has been requested to determine the inorganic (i.e., metals) contaminant loads within the surficial soils located throughout the town site. This information is required so that a determination on the potential health risks associated with any potential future alternate use of the site can be undertaken. This letter presents a generalized scope of work.

An approximate total of 145 soil samples will be collected for laboratory analyses and analyzed for major and trace metals. The samples will be collected throughout the town site on a grid-based system, and each soil sample location would be located utilizing a hand-held GPS instrument and/or tied with a location relative to a survey map. Background soil sample locations, situated topographically upgradient and up wind of both the mine and town site will also be established for baseline purposes.

Additionally, four to six testpits will be constructed throughout the site via hand excavation methods to complete a soil profile analysis. It is anticipated that each testpit would be excavated to an approximate depth of 0.6 metres below surface grade, within the active layer, or to the top of the permafrost layer, whichever is intersected first. Soil samples will be collected every 0.10 metres and submitted for metal analyses. These analyses will be used to identify the potential

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variability of metal concentrations with depth. A description of the soil stratigraphy observed within each test pit will also be provided.

Soil samples will be collected using hand-held sampling tools, consisting either of a soil auger or Shelby tubes. Samples will be collected from the upper 0.25 metres of the soil profile with the samples stored in laboratory-supplied containers or Shelby tubes. Should hydrocarbon samples be required, samples will be stored in glass containers and maintained in cool storage until delivery to the laboratory. The sampling tools will be washed after each sample collection using de-ionized water and a number of these water samples will be analyzed as equipment blanks. Sampling personnel will use standard control measures (e.g., use of rubber gloves, which will be changed after each sample collection). For quality assurance and control purposes, 10% of the samples collected will be dedicated as trip blanks, field blanks and duplicates.

Samples will be submitted to Enviro-Test Laboratories (ETL) located in Edmonton, Alberta for analyses. The samples will be analyzed for trace metals and general chemistry. Should hydrocarbon analyses be required, the CCME Canadian Wide Standards for Petroleum Hydrocarbons will be used.

For the purposes of this investigation, legal sampling protocols have not been implemented or planned. Should the Government of Nunavut request such protocols, the decision should be made following the evaluation of the results from the proposed program as a separate phase.

A data report will be prepared which will summarize the results of the field investigation, including a site description, sampling protocols implemented, the analytical results and any conclusions which could be obtained from the data. Geo-statistical contour plots, highlighting the distribution of up to three metal parameters across the town site, will also be prepared. For this purpose, it has been assumed that a digital copy of a town site map will be made available from the Government of Nunavut.

Additionally, the services of a certified toxicologist have been retained to assist with the identification and evaluation of the potential health effects that may result from the metal levels located at the town site. This professional will review the soil analytical data obtained during this program. It is our understanding also, that the Government of Nunavut is currently trying to collect the result of metal analyses of blood samples obtained from workers at the mine site. As the scope of what may be required from EBA's toxicologist with regard to this facet of the project is not defined at present, no costs have been included at this juncture.

It is our understanding that time is of the essence on this project and we are committed to having an initial draft of our report submitted to your offices by June 30, 2002. Accordingly, we are prepared to commit two of our personnel to mobilize to Iqaluit on Friday, June 7, so as to make the connection to Nanisivik on June 8. It is anticipated that our personnel will be on site between June 8 to June 12, 2002. Our personnel would then spend June 13 in Iqaluit and would arrange to have a meeting with you to discuss the results of the program and would mobilize back to Yellowknife on June 14, 2002.

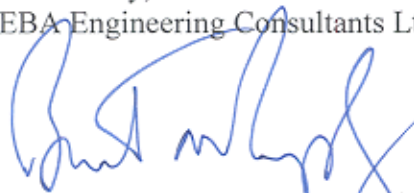
In order to meet this tight schedule, we request that authorization to proceed be issued by June 4, 2002.

It is also our understanding that the mining company has retained the services of a consultant as well to undertake a similar study. We will make every attempt to co-ordinate our activities in an attempt to minimize costs. However our overriding concern will be to maintain the independence of our study to ensure that the government's objectives are achieved.

It is estimated that a cost of \$49,840.00 will be required to complete this program. This includes a subtotal of \$19,940.00 for professional services, and \$29,900.00 for disbursements.

We trust that the above information meets with your requirements at this time. Should there be any questions, please do not hesitate to contact the undersigned.

Yours truly,
EBA Engineering Consultants Ltd.,



R. Brent Murphy, M.Sc. P.Geol.
Project Director, NWT/Nunavut

RBM/kdb

Attachments

cc: Joe Selann
EBA Edmonton