

Table 6  
Area C Confirmation  
Metals Results

Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	EX-C-1		EX-C-2		EX-C-3		EX-C-4		EX-C-5		EX-C-6		EX-C-07	
				9/28/2005	18300	9/28/2005	18000	9/28/2005	18200	9/28/2005	18900	9/28/2005	17000	9/28/2005	17500	9/28/2005	19900
Aluminum	SB	33000	7080-12800	<1.9	<1.6	<1.8	<1.6	<1.8	<1.6	<1.5	<1.8	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
Antimony	SB	NA	0.2-0.59	9	10.4	7.6	9.8	7.6	9.8	7.6	7.6	7.2	7.2	7.2	7.2	7.2	7.2
Arsenic	7.5	3-12	4.3-16.4	97.4	150	75.5	99.4	75.5	99.4	76.6	76.6	78.7	78.7	78.7	78.7	78.7	78.7
Barium	300	15-600	33-104	0.95	0.83	0.79	0.97	0.79	0.97	0.82	0.82	0.79	0.79	0.79	0.79	0.79	0.79
Beryllium	0.16	0-1.75	0.38-0.67	0.34-J	0.6	0.36-J	0.36-J	0.36-J	0.36-J	0.43-J	0.43-J	0.23-J	0.23-J	0.23-J	0.23-J	0.23-J	0.23-J
Cadmium	1	0-1.75	0.21-0.52	6970	24800	1560	7810	1560	7810	20100	20100	2650	2650	2650	2650	2650	2650
Calcium	SB	130-35000	1280-46600	29	172	22.6	25.9	22.6	25.9	23.7	23.7	24.4	24.4	24.4	24.4	24.4	24.4
Chromium	10	1.5-40	9.3-17.5	16.1	15.4	12.6	14.3	12.6	14.3	13.6	13.6	12.1	12.1	12.1	12.1	12.1	12.1
Cobalt	30	2.5-60	5.3-12.2	42.8	48.9	26.9	39.7	26.9	39.7	41.2	41.2	32.2	32.2	32.2	32.2	32.2	32.2
Copper	25	1-50	13.4-26.9	37400	44200	31700	36800	31700	36800	33500	33500	31200	31200	31200	31200	31200	31200
Iron	2000	2000-550000	14100-25700	64.5	960	18	16.7	18	16.7	17.2	17.2	30	30	30	30	30	30
Lead	SB	NA	16.5-60.8	7380	7860	4900	7200	4900	7200	7600	7600	5360	5360	5360	5360	5360	5360
Magnesium	SB	100-5000	2150-13100	641	590	580	638	580	638	536	536	511	511	511	511	511	511
Manganese	SB	50-5000	197-875	0.16	0.17	0.030-J	0.045	0.17	0.030-J	0.033-J	0.045	0.071	0.071	0.071	0.071	0.071	0.071
Mercury	0.1	0.001-0.2	0.039-0.095	37.8	37.3	24.7	34.1	24.7	34.1	30.4	30.4	27.4	27.4	27.4	27.4	27.4	27.4
Nickel	13	0.5-25	10.6-24.8	2330	2670	1720	2360	1720	2360	2310	2310	1960	1960	1960	1960	1960	1960
Potassium	SB	8500-43000	443-1660	0.87-J	0.99-J	0.83-J	0.50-J	0.83-J	0.50-J	0.38-J	0.38-J	0.75-J	0.75-J	0.75-J	0.75-J	0.75-J	0.75-J
Selenium	2	0.1-3.9	0.44-1.2	<0.47	<0.40	<0.45	<0.4	<0.45	<0.4	<0.38	<0.38	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Silver	SB	NA	0.16-0.17	<2.8	<2.4	<2.7	<2.4	<2.7	<2.4	<2.3	<2.3	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
Thallium	SB	NA	ND-0.67	31.9	29.3	32.8	32.6	32.8	32.6	28.9	28.9	31.1	31.1	31.1	31.1	31.1	31.1
Vanadium	150	1-300	13.7-24	96.8	81.4	75.5	95.1	75.5	95.1	84.8	84.8	80.1	80.1	80.1	80.1	80.1	80.1
Zinc	20	9-50	46-134														

Values in *italics* exceed one or more criteria

Values in **bold** face exceed all criteria

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Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	EX-C-1RE										
				EX-C-8	EX-C-9	EX-C-10	EX-C-11	EX-C-12	EX-C-13	EX-C-1RE				
Aluminum	SB	33000	7080-12800	9/28/2005	18400	9/28/2005	16900	9/28/2005	18100	9/28/2005	19200	9/28/2005	18700	10/13/2005
Antimony	SB	NA	0.2-0.59	<1.7	<1.8	<1.4	<1.5	<1.7	<1.8	<1.7	<1.8	<1.7	<1.8	<1.7
Arsenic	7.5	3-12	4.3-16.4	7.7	9.1	7.6	9.6	9	9.6	9	9	7.9	7.9	8.3
Barium	300	15-600	33-104	98.6	161	94.7	93.9	99.6	93.9	99.6	99.6	86.2	86.2	80.3
Beryllium	0.16	0-1.75	0.38-0.67	0.88	0.85	0.85	0.97	0.95	0.97	0.95	0.95	0.93	0.93	0.90
Cadmium	1	0-1.75	0.21-0.52	0.24-J	0.37-J	0.29-J	0.38-J	0.42-J	0.38-J	0.42-J	0.42-J	0.26-J	0.26-J	<.51
Calcium	SB	130-35000	1280-46600	2450	9430	11800	10600	6120	10600	6120	6120	2940	2940	6840
Chromium	10	1.5-40	9.3-17.5	31.7	<b>198</b>	24.4	26.1	27.6	26.1	27.6	27.6	25.5	25.5	26.3
Cobalt	30	2.5-60	5.3-12.2	14.6	13.5	13.9	40.9	15.3	40.9	15.3	15.3	14	14	15.4
Copper	25	1-50	13.4-26.9	40	44.1	45.2	44.3	41.5	44.3	41.5	41.5	37.5	37.5	67.6
Iron	2000	2000-550000	14100-25700	34200	41100	33300	36900	36800	36900	36800	36800	36000	36000	33300
Lead	SB	NA	16.5-60.8	65.7	<b>1150</b>	19	18.9	27	18.9	27	27	22.5	22.5	29.2
Magnesium	SB	100-5000	2150-13100	5810	6090	7610	7600	6780	7600	6780	6780	6110	6110	6830
Manganese	SB	50-5000	197-875	559	726	353	977	626	977	626	626	545	545	346
Mercury	0.1	0.001-0.2	0.039-0.095	0.46	0.33	0.16	0.020-J	0.061	0.020-J	0.061	0.061	0.073	0.073	1.1
Nickel	13	0.5-25	10.6-24.8	33.2	36.2	34.3	37.9	34.1	37.9	34.1	34.1	31.5	31.5	33.6
Potassium	SB	8500-43000	443-1660	2140	2320	2430	2380	2360	2380	2360	2360	1980	1980	2060
Selenium	2	0.1-3.9	0.44-1.2	0.65-J	1.1-J	0.42-J	0.42-J	0.85-J	0.42-J	0.85-J	0.85-J	0.93-J	0.93-J	0.42
Silver	SB	NA	0.16-0.17	<0.41	<0.46	<0.36	<0.73	<0.42	<0.73	<0.42	<0.42	<0.44	<0.44	<.26
Thallium	SB	NA	ND-0.67	<2.5	<2.7	<2.2	<4.4	<2.5	<4.4	<2.5	<2.5	0.36-J	0.36-J	1.4
Vanadium	150	1-300	13.7-24	32.7	30.3	29.5	30.9	33.6	30.9	33.6	33.6	33.7	33.7	30.2
Zinc	20	9-50	46-134	81.8	82.9	84.7	89.1	87.4	89.1	87.4	87.4	81.6	81.6	81.9

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Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	Metals Results									
				EX-C-2RE 10/13/2005	EX-C-7RE 10/13/2005	EX-C-8RE 10/13/2005	EX-C-9RE 10/13/2005	EX-C-10RE 10/13/2005	EX-C-1RE2 10/27/2005				
Aluminum	SB	33000	7080-12800	15400	18500	16100	14000	15800	16100				
Antimony	SB	NA	0.2-0.59	0.41	<1.9	<1.7	<1.7	<1.7	<1.5				
Arsenic	7.5	3-12	4.3-16.4	8.4	9.0	8.8	8.0	6.3	9.1				
Barium	300	15-600	33-104	72.7	86.7	72.4	76.0	43.6	82				
Beryllium	0.16	0-1.75	0.38-0.67	0.86	0.96	0.87	0.73	0.62	0.85				
Cadmium	1	0-1.75	0.21-0.52	<.51	<.58	<.52	<.5	<.51	0.63				
Calcium	SB	130-35000	1280-46600	26700	2180	8330		936	28500				
Chromium	10	1.5-40	9.3-17.5	23.7	27.2	24.7	21.0	20.1	23.6				
Cobalt	30	2.5-60	5.3-12.2	13.7	15.7	15.1	11.6	7.9	14.7				
Copper	25	1-50	13.4-26.9	42.8	44.3	48.5	39.9	21.3	41.9				
Iron	2000	2000-550000	14100-25700	33100	35300	34800	29300	27800	35000				
Lead	SB	NA	16.5-60.8	15.1	20.1	24.6	12.9	10.9	16.7				
Magnesium	SB	100-5000	2150-13100	8740	6060	7330	8330	4340	9000				
Manganese	SB	50-5000	197-875	479	601	667	405	274	626				
Mercury	0.1	0.001-0.2	0.039-0.095	0.044	0.13	0.27	0.029	<.036	0.049				
Nickel	13	0.5-25	10.6-24.8	30.2	34.4	34.6	27.6	18.8	34.5				
Potassium	SB	8500-43000	443-1660	2450	2090	2050	2380	1220	2440				
Selenium	2	0.1-3.9	0.44-1.2	0.35	0.79	0.64	<1.7	0.50	0.3				
Silver	SB	NA	0.16-0.17	<.25	<.29	<.26	<.25	<.26	0.049				
Thallium	SB	NA	ND-0.67	0.91	1.6	1.1	1.0	0.98	0.67				
Vanadium	150	1-300	13.7-24	28.8	33.9	29.0	25.8	29.5	27.8				
Zinc	20	9-50	46-134	83.0	85.6	84.4	70.6	52.0	88.4				

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