

Table 14
Area D Confirmation
Metals Results

Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	Metals Results										
				EX-D-1	EX-D-2	EX-D-3	EX-D-4	EX-D-5	EX-D-6	EX-D-7	EX-D-8	EX-D-9		
Aluminum	SB	33000	7080-12800	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005	11/2/2005
Antimony	SB	NA	0.2-0.59	<1.8	<1.7	<1.7	<1.5	<1.8	<1.4	<1.7	<1.6	<1.6	<1.6	<1.6
Arsenic	7.5	3-12	4.3-16.4	10.3	6.5	9.3	9.4	6.2	5.8	5.9	6.2	6.2	5.1	5.1
Barium	300	15-600	33-104	68.2	61.8	120	47.6	51.9	81.7	51.6	60.6	60.6	55.2	55.2
Beryllium	0.16	0-1.75	0.38-0.67	1	0.73	0.93	0.7	0.69	0.69	0.66	0.7	0.7	0.63	0.63
Cadmium	1	0-1.75	0.21-0.52	0.48-J	0.45-J	0.66	0.42-J	0.45-J	0.37-J	0.38-J	0.42-J	0.42-J	0.40-J	0.40-J
Calcium	SB	130-35000	1280-46600	1600	3230	2720	1260	1360	1580	1170	1040	1040	1390	1390
Chromium	10	1.5-40	9.3-17.5	26.8	21.3	25.1	26.3	20.8	19	19.4	19	19	17.8	17.8
Cobalt	30	2.5-60	5.3-12.2	14.3	11.6	13.8	8.8	11	9.4	8.7	11.4	11.4	8.8	8.8
Copper	25	1-50	13.4-26.9	40.6	24.1	42.5	37.1	17.1	17.5	17.6	17.5	17.5	17.8	17.8
Iron	2000	2000-550000	14100-25700	42500	31300	37700	39300	30000	26000	26800	27600	27600	23500	23500
Lead	SB	NA	16.5-60.8	18.4	19.8	16.9	17.5	18.1	12.5	13.4	18.4	18.4	14.8	14.8
Magnesium	SB	100-5000	2150-13100	6580	5030	6750	6070	4360	4020	4000	4060	4060	3870	3870
Manganese	SB	50-5000	197-875	444	540	583	292	560	425	365	686	686	598	598
Mercury	0.1	0.001-0.2	0.039-0.095	0.074	0.082	0.038	0.028-J	0.047	0.04	0.069	0.052	0.052	0.19	0.19
Nickel	13	0.5-25	10.6-24.8	31.3	22.2	43.7	25.6	19.5	19	17.4	17.8	17.8	17.7	17.7
Potassium	SB	8500-43000	443-1660	1850	1080	1770	1530	1040	1120	1060	877	877	958	958
Selenium	2	0.1-3.9	0.44-1.2	1.5-J	0.95-J	0.13-J	1.4-J	0.90-J	1.1-J	1.2-J	0.86-J	0.86-J	1.0-J	1.0-J
Silver	SB	NA	0.16-0.17	<0.45	<0.42	<0.43	<0.39	1.8	<0.36	<0.42	<0.4	<0.4	<0.39	<0.39
Thallium	SB	NA	ND-0.67	0.67-J	<2.5	0.50-J	0.50-J	<2.7	<0.21	<2.5	<2.4	<2.4	<2.3	<2.3
Vanadium	150	1-300	13.7-24	31.4	28.7	29	29.8	30.3	27.8	28.3	29.2	29.2	25.4	25.4
Zinc	20	9-50	46-134	91.7	70.8	91.8	81.6	61.2	60.7	57.5	66.8	66.8	58.6	58.6

Values in *italics* exceed one or more criteria

Values in **bold** face exceed all criteria

Table 14
Area D Confirmation
Metals Results

Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	EX-D-10 through EX-D-18												
				EX-D-10	EX-D-11	EX-D-12	EX-D-13	EX-D-14	EX-D-15	EX-D-16	EX-D-17	EX-D-18				
Aluminum	SB	33000	7080-12800	17400	17100	17300	19600	27300	16300	15800	15400	15200	15200			
Antimony	SB	NA	0.2-0.59	<1.7	<1.8	<1.7	<1.8	<2.4	<1.5	<1.7	<1.5	<1.8	<1.8			
Arsenic	7.5	3-12	4.3-16.4	7.8	6.5	6.5	11.1	11.1	6.4	9.3	8.6	8.4	8.4			
Barium	300	15-600	33-104	75.5	63.1	72.2	111	90	78.7	82.3	74.6	72.6	72.6			
Beryllium	0.16	0-1.75	0.38-0.67	0.86	0.73	0.8	1.4	1	0.86	0.87	0.79	0.77	0.77			
Cadmium	1	0-1.75	0.21-0.52	0.5	0.44-J	0.48-J	0.4-J	0.46-J	0.53	0.56	0.58	0.59	0.59			
Calcium	SB	130-35000	1280-46600	1600	3430	2210	1860	2240	2780	27400	28700	30500	30500			
Chromium	10	1.5-40	9.3-17.5	23.4	21.4	26.7	26.9	35.1	24.8	23.7	23	22.8	22.8			
Cobalt	30	2.5-60	5.3-12.2	14.7	10.6	14.2	41.1	15.2	13.7	17.4	15.9	14.6	14.6			
Copper	25	1-50	13.4-26.9	30.8	22.7	61.5	48.7	42.9	43.8	45.3	44.1	37.6	37.6			
Iron	2000	2000-550000	14100-25700	34000	29300	30300	40600	49600	34300	35400	34600	34300	34300			
Lead	SB	NA	16.5-60.8	18	15	39	18.4	20.9	15.7	17.9	16.4	15.3	15.3			
Magnesium	SB	100-5000	2150-13100	5340	4870	5230	6900	7820	7490	9030	8860	8740	8740			
Manganese	SB	50-5000	197-875	763	435	503	880	709	387	829	668	639	639			
Mercury	0.1	0.001-0.2	0.039-0.095	0.17	0.04	7.7	0.38-J	0.086	0.21	0.037	0.11	0.030-J	0.030-J			
Nickel	13	0.5-25	10.6-24.8	27.2	21.9	26.4	40.3	34.8	37.9	37.9	35	34.5	34.5			
Potassium	SB	8500-43000	443-1660	1370	1240	1510	1710	1900	1880	2200	2070	1990	1990			
Selenium	2	0.1-3.9	0.44-1.2	1.2-J	1.1-J	0.98-J	<3.6	1.7-J	0.97-J	0.82-J	0.80-J	0.75-J	0.75-J			
Silver	SB	NA	0.16-0.17	<0.42	<0.46	<0.42	<0.9	<0.61	<0.38	<0.43	<0.38	<0.45	<0.45			
Thallium	SB	NA	ND-0.67	<2.5	<2.7	<2.5	1.3-J	0.67-J	0.58-J	0.62-J	0.55-J	<2.7	<2.7			
Vanadium	150	1-300	13.7-24	29.8	29.4	29.2	31.7	45.2	27.4	27.1	26	25.8	25.8			
Zinc	20	9-50	46-134	77.4	67.2	74.5	106	101	89.4	94.1	85	81.3	81.3			

Values in *italics* exceed one or more criteria
Values in **bold** face exceed all criteria

Table 14
Area D Confirmation
Metals Results

Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	EX-D-				EX-D-25			
				EX-D-19	EX-D-20	Duplicate	Duplicate 2				
Aluminum	SB	33000	7080-12800	17900	18600	15700	15700	17100	7470	9070	9270
Antimony	SB	NA	0.2-0.59	<1.6	<1.7	<1.5	<1.5	<1.5	<1.8	<3.00	<3.00
Arsenic	7.5	3-12	4.3-16.4	9.3	7.9	6.1	9.3	8.1	5.7	<0.25	<0.25
Barium	300	15-600	33-104	129	83.4	77	73.8	76.9	82	43.9	32.5
Beryllium	0.16	0-1.75	0.38-0.67	0.97	0.82	0.72	0.83	0.74	0.77	0.39	0.45
Cadmium	1	0-1.75	0.21-0.52	0.52	0.42-J	0.35-J	0.53	0.6	0.39-J	<0.25	<0.25
Calcium	SB	130-35000	1280-46600	2160	5560	1840	18800	50100	3750	1150	906
Chromium	10	1.5-40	9.3-17.5	25.7	26.7	20.3	24	21.8	25.3	11.4	15.1
Cobalt	30	2.5-60	5.3-12.2	14.9	13.8	10.4	14.7	13.4	13.5	5.33	6.02
Copper	25	1-50	13.4-26.9	41.7	71	23.5	47.5	40.3	80.2	8.41	11.4
Iron	2000	2000-550000	14100-25700	38600	36000	28000	35300	32600	31400	9080	14100
Lead	SB	NA	16.5-60.8	16.8	44.6	13.3	19.6	15.3	57.2	6.57	6.94
Magnesium	SB	100-5000	2150-13100	6930	6120	4830	8450	8660	5660	2370	3240
Manganese	SB	50-5000	197-875	705	379	462	753	612	311	325	223
Mercury	0.1	0.001-0.2	0.039-0.095	0.049	0.72	0.034-J	0.079	0.046	1.2	0.03	0.02
Nickel	13	0.5-25	10.6-24.8	45	28.8	22.8	33.7	32.6	26.8	<2.50	<2.50
Potassium	SB	8500-43000	443-1660	1910	1650	1310	2010	2060	1510	320	420
Selenium	2	0.1-3.9	0.44-1.2	1.2-J	1.2-J	0.87-J	0.86-J	0.48-J	1.0-J	<0.25	<0.25
Silver	SB	NA	0.16-0.17	0.051-J	<0.43	<0.38	<0.44	<0.39	>0.44	<1.0	<1.00
Thallium	SB	NA	ND-0.67	0.84-J	0.48-J	<2.3	0.45-J	0.51-J	<2.7	<0.50	<0.50
Vanadium	150	1-300	13.7-24	29.5	30.3	27	26.8	25.3	29.2	8.53	11.2
Zinc	20	9-50	46-134	92.9	77.4	68.5	88.7	79.6	77.2	34.3	43.8

Values in *italics* exceed one or more criteria

Values in **bold** face exceed all criteria

Table 14
Area D Confirmation
Metals Results

Metal	NYDEC (mg/kg)	East US BG	Site BG (mg/kg)	EX-D-26			EX-D-27			EX-D-28			EX-D-29		
				11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005	11/11/2005
Aluminum	SB	33000	7080-12800	7310	7560	8770	8770	8770	8770	8770	8770	8770	8770	9970	
Antimony	SB	NA	0.2-0.59	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	<3.00	
Arsenic	7.5	3-12	4.3-16.4	<0.25	<0.25	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	<0.25	
Barium	300	15-600	33-104	44	43.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	46.1	
Beryllium	0.16	0-1.75	0.38-0.67	0.61	0.41	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.46	0.57	
Cadmium	1	0-1.75	0.21-0.52	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Calcium	SB	130-35000	1280-46600	2650	10100	13800	13800	13800	13800	13800	13800	13800	13800	2190	
Chromium	10	1.5-40	9.3-17.5	21.6	15.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	19.3	
Cobalt	30	2.5-60	5.3-12.2	9.36	8.79	8.99	8.99	8.99	8.99	8.99	8.99	8.99	8.99	9.45	
Copper	25	1-50	13.4-26.9	27.8	23.5	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	30.5	
Iron	2000	2000-550000	14100-25700	17400	12200	18800	18800	18800	18800	18800	18800	18800	18800	20700	
Lead	SB	NA	16.5-60.8	25.7	7.1	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	11.1	
Magnesium	SB	100-5000	2150-13100	4820	5470	6240	6240	6240	6240	6240	6240	6240	6240	4620	
Manganese	SB	50-5000	197-875	224	385	372	372	372	372	372	372	372	372	440	
Mercury	0.1	0.001-0.2	0.039-0.095	0.074	0.028	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.086	
Nickel	13	0.5-25	10.6-24.8	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	
Potassium	SB	8500-43000	443-1660	602	680	878	878	878	878	878	878	878	878	511	
Selenium	2	0.1-3.9	0.44-1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	
Silver	SB	NA	0.16-0.17	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	
Thallium	SB	NA	ND-0.67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Vanadium	150	1-300	13.7-24	13.5	9.93	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.5	
Zinc	20	9-50	46-134	68.9	60.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	63.6	

Values in *italics* exceed one or more criteria
 Values in **bold** face exceed all criteria