FINAL

FORMER NATIONAL ZINC SITE
BROWNFIELDS TARGETED ASSESSMENT (BTA)
VOLUME II of V
APPENDIX C, PART I
KDHE Identification Number: C3-063-0026
EPA Identification Number (CERCLIS): KSD980406698

BER SCANNED
JUL 30 2013

Kansas Department of Health and Environment
Bureau of Environmental Remediation
Remedial Section/Site Assessment Unit
Forbes Field, Building 740
Topeka, Kansas 66620

February, 2000

FORMER NATIONAL ZINC SITE

BROWNFIELDS TARGETED ASSESSMENT (BTA)

KDHE Identification Number
C3-063-0026

February, 2000

KDHE/BER Site Assessment Project Manager:

Randolph L. Brown, Environmental Geologist

Site Reconnaissance and Field Activities:

Randolph L. Brown, Environmental Geologist
Farrell Dallen, Environmental Scientist
Laura Rand, Environmental Scientist
Jeff Neel, Environmental Scientist
Tom Jones, Environmental Geologist
John Cregan, Environmental Technician
James Peterson, Environmental Technician
Mike LaBuda, Environmental Technician

Data Validation by:
Travis Kogl, Environmental Geologist

NATIONAL ZINC SITE
CHERRYVALE, KANSAS

APPENDIX C

Laboratory Sheets for Analytical Results

DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 001009PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTH N6200 E6700

Collector: Farrell Dallen KDHE/BER
Matrix: Solid
Collect Depth:
Date/Time Collected: 12/17/99 10:25
Date/Time Received: 12/20/99 09:35

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10506.83	mg/Kg	12/22/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	12/22/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	12/22/99	EPA 1311
Arsenic (Total)		50.77	mg/Kg	12/22/99	EPA 6010
Barium (TCLP)		1.798	mg/L	12/22/99	EPA 1311
Barium (Total)		522.48	mg/Kg	12/22/99	EPA 6010
Beryllium (Total)		0.76	mg/Kg	12/22/99	EPA 6010
Boron (Total)		11.77	mg/Kg	12/22/99	EPA 6010
Cadmium (TCLP)		70.247	mg/L	12/22/99	EPA 1311
Cadmium (Total)		2031.00	mg/Kg	12/22/99	EPA 6010
Calcium (Total)		6127.73	mg/Kg	12/22/99	EPA 6010
Chromium (TCLP)		0.012	mg/L	12/22/99	EPA 1311
Chromium (Total)		36.05	mg/Kg	12/22/99	EPA 6010
Cobalt (Total)		15.85	mg/Kg	12/22/99	EPA 6010
Copper (Total)		1490.95	mg/Kg	12/22/99	EPA 6010
Iron (Total)		36166.61	mg/Kg	12/22/99	EPA 6010
Lead (TCLP)		118.927	mg/L	12/22/99	EPA 1311
Lead (Total)		17101.96	mg/Kg	12/22/99	EPA 6010
Magnesium (Total)		922.63	mg/Kg	12/22/99	EPA 6010
Manganese (Total)		577.03	mg/Kg	12/22/99	EPA 6010
Mercury (TCLP)	<	0.0005	mg/L	12/22/99	EPA 1311
Mercury (Total)		1.6094	mg/Kg	12/22/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	12/22/99	EPA 6210
Nickel (Total)		39.34	mg/Kg	12/22/99	EPA 6210
Percent Solids		100.00	Percent	12/21/99	EPA 1311
Potassium (Total)		679.96	mg/Kg	12/22/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	12/22/99	EPA 1311
Selenium (Total)		10.35	mg/Kg	12/22/99	EPA 6210
Silica (Total)		410.54	mg/Kg	12/22/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	12/22/99	EPA 1311
Silver (Total)		10.67	mg/Kg	12/22/99	EPA 6210
Sodium (Total)		227.11	mg/Kg	12/22/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	12/22/99	EPA 6210
Vanadium (Total)		27.49	mg/Kg	12/22/99	EPA 6210
Zinc (Total)		64655.51	mg/Kg	12/22/99	EPA 6210

Reporting Analyst: REH
Date Reported: 12/28/99

< - Not Detected at Indicated Level
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901772PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA Composite #1
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 00:00
Date/Time Received: 06/29/99 14:34

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Arsenic (TCLP)	<	0.050	mg/L	07/16/99	EPA 1311
Arsenic (Total)		89.41	mg/Kg	07/09/99	EPA 6010
Barium (TCLP)		1.805	mg/L	07/16/99	EPA 1311
Barium (Total)		359.63	mg/Kg	07/09/99	EPA 6010
Cadmium (TCLP)		8.146	mg/L	07/16/99	EPA 1311
Cadmium (Total)		286.44	mg/Kg	07/09/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	07/16/99	EPA 1311
Chromium (Total)		60.79	mg/Kg	07/09/99	EPA 6010
Lead (TCLP)		288.796	mg/L	07/16/99	EPA 1311
Lead (Total)		20752.81	mg/Kg	07/09/99	EPA 6010
Mercury (TCLP)		0.0007*	mg/L	07/21/99	EPA 1311
Mercury (Total)		14.0295*	mg/Kg	07/13/99	EPA 245.2
Percent Solids		100.00	Percent	07/07/99	EPA 1311
Selenium (TCLP)		0.176	mg/L	07/16/99	EPA 1311
Selenium (Total)		118.82	mg/Kg	07/09/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	07/16/99	EPA 1311
Silver (Total)		53.44	mg/Kg	07/09/99	EPA 6210

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Date Reported: 07/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901773PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA Composite #2
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 00:00
Date/Time Received: 06/29/99 14:36

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		33656.83	mg/Kg	07/09/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	07/09/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	07/16/99	EPA 1311
Arsenic (Total)		8.41	mg/Kg	07/09/99	EPA 6010
Barium (TCLP)		2.321	mg/L	07/16/99	EPA 1311
Barium (Total)		391.38	mg/Kg	07/09/99	EPA 6010
Beryllium (Total)		1.01	mg/Kg	07/09/99	EPA 6010
Boron (Total)		18.02	mg/Kg	07/09/99	EPA 6010
Cadmium (TCLP)		0.086	mg/L	07/16/99	EPA 1311
Cadmium (Total)		9.64	mg/Kg	07/09/99	EPA 6010
Calcium (Total)		5288.70	mg/Kg	07/09/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	07/16/99	EPA 1311
Chromium (Total)		50.74	mg/Kg	07/09/99	EPA 6010
Cobalt (Total)		17.17	mg/Kg	07/09/99	EPA 6010
Copper (Total)		131.27	mg/Kg	07/09/99	EPA 6010
Iron (Total)		27690.00	mg/Kg	07/09/99	EPA 6010
Lead (TCLP)		0.387	mg/L	07/16/99	EPA 1311
Lead (Total)		392.96	mg/Kg	07/09/99	EPA 6010
Magnesium (Total)		3439.63	mg/Kg	07/09/99	EPA 6010
Manganese (Total)		1637.00	mg/Kg	07/09/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	07/21/99	EPA 1311
Mercury (Total)		0.1387*	mg/Kg	07/07/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	07/09/99	EPA 6210
Nickel (Total)		30.35	mg/Kg	07/09/99	EPA 6210
Percent Solids		100.00	Percent	07/07/99	EPA 1311
Potassium (Total)		2194.54	mg/Kg	07/09/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	07/16/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	07/09/99	EPA 6210
Silica (Total)		297.49	mg/Kg	07/09/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	07/16/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	07/09/99	EPA 6210
Sodium (Total)		116.87	mg/Kg	07/09/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	07/09/99	EPA 6210
Vanadium (Total)		55.76	mg/Kg	07/09/99	EPA 6210
Zinc (Total)		1213.57	mg/Kg	07/09/99	EPA 6210

Reporting Analyst: REH
Date Reported: 07/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901774PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA Composite #3
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/29/99 00:00
Date/Time Received: 06/29/99 14:36

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		31114.15	mg/Kg	07/09/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	07/09/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	07/16/99	EPA 1311
Arsenic (Total)		19.23	mg/Kg	07/09/99	EPA 6010
Barium (TCLP)		2.085	mg/L	07/16/99	EPA 1311
Barium (Total)		322.22	mg/Kg	07/09/99	EPA 6010
Beryllium (Total)		1.02	mg/Kg	07/09/99	EPA 6010
Boron (Total)		15.89	mg/Kg	07/09/99	EPA 6010
Cadmium (TCLP)		1.085	mg/L	07/16/99	EPA 1311
Cadmium (Total)		55.87	mg/Kg	07/09/99	EPA 6010
Calcium (Total)		4775.63	mg/Kg	07/09/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	07/16/99	EPA 1311
Chromium (Total)		46.24	mg/Kg	07/09/99	EPA 6010
Cobalt (Total)		17.18	mg/Kg	07/09/99	EPA 6010
Copper (Total)		316.47	mg/Kg	07/09/99	EPA 6010
Iron (Total)		26920.00	mg/Kg	07/09/99	EPA 6010
Lead (TCLP)		2.155	mg/L	07/16/99	EPA 1311
Lead (Total)		1007.38	mg/Kg	07/09/99	EPA 6010
Magnesium (Total)		2952.30	mg/Kg	07/09/99	EPA 6010
Manganese (Total)		1338.00	mg/Kg	07/09/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	07/21/99	EPA 1311
Mercury (Total)		0.7282*	mg/Kg	07/07/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	07/09/99	EPA 6210
Nickel (Total)		24.61	mg/Kg	07/09/99	EPA 6210
Percent Solids		100.00	Percent	07/07/99	EPA 1311
Potassium (Total)		2251.27	mg/Kg	07/09/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	07/16/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	07/09/99	EPA 6210
Silica (Total)		310.02	mg/Kg	07/09/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	07/16/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	07/09/99	EPA 6210
Sodium (Total)		224.33	mg/Kg	07/09/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	07/09/99	EPA 6210
Vanadium (Total)		53.39	mg/Kg	07/09/99	EPA 6210
Zinc (Total)		4150.63	mg/Kg	07/09/99	EPA 6210

Reporting Analyst: REH
Date Reported: 07/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901775PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA Composite #4
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/29/99 00:00
Date/Time Received: 06/29/99 14:37

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9953.40	mg/Kg	07/09/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	07/09/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	07/20/99	EPA 1311
Arsenic (Total)		49.75	mg/Kg	07/09/99	EPA 6010
Barium (TCLP)		0.672	mg/L	07/20/99	EPA 1311
Barium (Total)		229.88	mg/Kg	07/09/99	EPA 6010
Beryllium (Total)		5.64	mg/Kg	07/09/99	EPA 6010
Boron (Total)		70.49	mg/Kg	07/09/99	EPA 6010
Cadmium (TCLP)		6.696	mg/L	07/20/99	EPA 1311
Cadmium (Total)		419.91	mg/Kg	07/09/99	EPA 6010
Calcium (Total)		4277.47	mg/Kg	07/09/99	EPA 6010
Chromium (TCLP)		0.076	mg/L	07/20/99	EPA 1311
Chromium (Total)		65.90	mg/Kg	07/09/99	EPA 6010
Cobalt (Total)		27.36	mg/Kg	07/09/99	EPA 6010
Copper (Total)		17960.00	mg/Kg	07/09/99	EPA 6010
Iron (Total)		48080.00	mg/Kg	07/09/99	EPA 6010
Lead (TCLP)		123.000	mg/L	07/20/99	EPA 1311
Lead (Total)		83010.29	mg/Kg	07/09/99	EPA 6010
Magnesium (Total)		1113.65	mg/Kg	07/09/99	EPA 6010
Manganese (Total)		862.90	mg/Kg	07/09/99	EPA 6010
Mercury (TCLP)		0.0005*	mg/L	07/21/99	EPA 1311
Mercury (Total)		36.4264*	mg/Kg	07/13/99	EPA 245.2
Molybdenum (Total)		27.10	mg/Kg	07/09/99	EPA 6210
Nickel (Total)		223.20	mg/Kg	07/09/99	EPA 6210
Percent Solids		100.00	Percent	07/07/99	EPA 1311
Potassium (Total)		538.88	mg/Kg	07/09/99	EPA 6210
Selenium (TCLP)		0.349	mg/L	07/20/99	EPA 1311
Selenium (Total)		390.34	mg/Kg	07/09/99	EPA 6210
Silica (Total)		154.00	mg/Kg	07/09/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	07/20/99	EPA 1311
Silver (Total)		11.92	mg/Kg	07/09/99	EPA 6210
Sodium (Total)		193.49	mg/Kg	07/09/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	07/09/99	EPA 6210
Vanadium (Total)		19.83	mg/Kg	07/09/99	EPA 6210
Zinc (Total)		14067.18	mg/Kg	07/09/99	EPA 6210

Reporting Analyst: REH
Date Reported: 07/23/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000544PT

Site ID:
Account Code: EJ

Collection Location: C3196300026 National Zinc Rinsate

Collector: Randy Brown
Matrix: Water
Collect Depth:
Date/Time Collected: 08/26/99 14:30
Date/Time Received: 09/03/99 13:16

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		4.006	mg/L	10/07/99	EPA 200.7
Antimony	<	0.050	mg/L	10/07/99	EPA 200.7
Arsenic	<	0.050	mg/L	10/07/99	EPA 200.7
Barium		0.120	mg/L	10/07/99	EPA 200.7
Beryllium	<	0.001	mg/L	10/07/99	EPA 200.7
Boron		0.088	mg/L	10/07/99	EPA 200.7
Cadmium		0.143	mg/L	10/07/99	EPA 200.7
Calcium		4.02	mg/L	10/07/99	EPA 200.7
Chromium		0.011	mg/L	10/07/99	EPA 200.7
Cobalt	<	0.010	mg/L	10/07/99	EPA 200.7
Copper		2.906	mg/L	10/07/99	EPA 200.7
Iron		9.426	mg/L	10/07/99	EPA 200.7
Lead		2.142	mg/L	10/07/99	EPA 200.7
Magnesium		0.71	mg/L	10/07/99	EPA 200.7
Manganese		0.405	mg/L	10/07/99	EPA 200.7
Molybdenum	<	0.020	mg/L	10/07/99	EPA 200.7
Nickel		0.025	mg/L	10/07/99	EPA 200.7
Potassium		0.44	mg/L	10/07/99	EPA 200.7
Selenium	<	0.050	mg/L	10/07/99	EPA 200.7
Silica		19.079	mg/L	10/07/99	EPA 200.7
Silver	<	0.010	mg/L	10/07/99	EPA 200.7
Sodium		7.05	mg/L	10/07/99	EPA 200.7
Thallium	<	0.050	mg/L	10/07/99	EPA 200.7
Vanadium		0.006	mg/L	10/07/99	EPA 200.7
Zinc		12.885	mg/L	10/07/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 10/11/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901543PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 11:15
Date/Time Received: 06/03/99 14:35

Sample Comments: Sample dried & passed thru #60 sieve. S1

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		12885.88	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Barium (Total)		308.22	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.89	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.88	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		3.46	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		5607.86	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		22.09	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		5.17	mg/Kg	06/16/99	EPA 6010
Copper (Total)		50.57	mg/Kg	06/16/99	EPA 6010
Iron (Total)		15309.15	mg/Kg	06/16/99	EPA 6010
Lead (Total)		268.33	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1743.45	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1260.93	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		9.45	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		856.64	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		112.72	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		44.73	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		27.27	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		881.79	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901544PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 11:45
Date/Time Received: 06/03/99 14:37

Sample Comments: Sample dried & passed thru #60 sieve. S2

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13607.72	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Barium (Total)		307.18	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.93	mg/Kg	06/16/99	EPA 6010
Boron (Total)		6.08	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		11.72	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		4778.48	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		25.51	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		7.41	mg/Kg	06/16/99	EPA 6010
Copper (Total)		101.41	mg/Kg	06/16/99	EPA 6010
Iron (Total)		14925.02	mg/Kg	06/16/99	EPA 6010
Lead (Total)		430.74	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1824.41	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1090.77	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		8.20	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		844.17	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		171.90	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		48.41	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		28.54	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		708.51	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901545PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 12:15
Date/Time Received: 06/03/99 14:38

Sample Comments: Sample dried & passed thru #60 sieve. S3

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15644.45	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Barium (Total)		416.02	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		1.05	mg/Kg	06/16/99	EPA 6010
Boron (Total)		6.64	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		4.50	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		5232.18	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		27.11	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		5.95	mg/Kg	06/16/99	EPA 6010
Copper (Total)		76.95	mg/Kg	06/16/99	EPA 6010
Iron (Total)		17233.90	mg/Kg	06/16/99	EPA 6010
Lead (Total)		334.14	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		2202.77	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1398.14	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		11.16	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		991.64	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		185.46	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		104.61	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		30.33	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		555.13	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901546PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 12:40
Date/Time Received: 06/03/99 14:39

Sample Comments: Sample dried & passed thru #60 sieve. S4

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9326.00	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		48.87	mg/Kg	06/16/99	EPA 6010
Barium (Total)		214.30	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.83	mg/Kg	06/16/99	EPA 6010
Boron (Total)		6.46	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		181.22	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		5416.59	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		22.41	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		11.40	mg/Kg	06/16/99	EPA 6010
Copper (Total)		3131.83	mg/Kg	06/16/99	EPA 6010
Iron (Total)		15598.77	mg/Kg	06/16/99	EPA 6010
Lead (Total)		25637.63	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1194.61	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		637.36	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		43.81	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		628.15	mg/Kg	06/16/99	EPA 6210
Selenium (Total)		76.20	mg/Kg	06/16/99	EPA 6210
Silica (Total)		161.05	mg/Kg	06/16/99	EPA 6210
Silver (Total)		8.13	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		62.88	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		22.52	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		6946.92	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901547PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 12:20
Date/Time Received: 06/03/99 14:40

Sample Comments: Sample dried & passed thru #60 sieve. S5

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13325.77	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Barium (Total)		331.05	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.74	mg/Kg	06/16/99	EPA 6010
Boron (Total)		4.19	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		3.87	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		5346.26	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		20.95	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		6.82	mg/Kg	06/16/99	EPA 6010
Copper (Total)		77.92	mg/Kg	06/16/99	EPA 6010
Iron (Total)		14549.94	mg/Kg	06/16/99	EPA 6010
Lead (Total)		319.12	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1466.54	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1178.37	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		9.56	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		827.19	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		280.00	mg/Kg	06/16/99	EPA 6210
Silver (Total)		2.07	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		52.40	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		22.65	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		1253.36	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901548PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 12:50
Date/Time Received: 06/03/99 14:41

Sample Comments: Sample dried & passed thru #60 sieve. S6

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15184.76	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		19.84	mg/Kg	06/16/99	EPA 6010
Barium (Total)		282.26	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.98	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.07	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		133.61	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		3883.76	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		18.53	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		6.87	mg/Kg	06/16/99	EPA 6010
Copper (Total)		4252.51	mg/Kg	06/16/99	EPA 6010
Iron (Total)		20858.40	mg/Kg	06/16/99	EPA 6010
Lead (Total)		19986.83	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		876.54	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1121.41	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		27.37	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		933.27	mg/Kg	06/16/99	EPA 6210
Selenium (Total)		49.06	mg/Kg	06/16/99	EPA 6210
Silica (Total)		58.49	mg/Kg	06/16/99	EPA 6210
Silver (Total)		3.98	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		88.93	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		20.61	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		8428.76	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER✓

Lab Number: 901549PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 12:25
Date/Time Received: 06/03/99 14:42

Sample Comments: Sample dried & passed thru #60 sieve. S7

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15106.40	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Barium (Total)		337.68	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.98	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.34	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		17.63	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		5540.08	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		30.98	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		8.21	mg/Kg	06/16/99	EPA 6010
Copper (Total)		189.25	mg/Kg	06/16/99	EPA 6010
Iron (Total)		15058.06	mg/Kg	06/16/99	EPA 6010
Lead (Total)		868.55	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1782.63	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1278.54	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		10.02	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		906.05	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		172.85	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		51.59	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		26.52	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		1513.53	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901550PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:05
Date/Time Received: 06/03/99 14:42

Sample Comments: Sample dried & passed thru #60 sieve. S8

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13774.78	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		7.17	mg/Kg	06/16/99	EPA 6010
Barium (Total)		353.82	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.96	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.91	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		21.44	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		7272.73	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		24.71	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		13.61	mg/Kg	06/16/99	EPA 6010
Copper (Total)		149.45	mg/Kg	06/16/99	EPA 6010
Iron (Total)		15653.12	mg/Kg	06/16/99	EPA 6010
Lead (Total)		807.05	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1733.99	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1628.00	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		19.50	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		767.52	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		226.35	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		72.25	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		31.30	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		1991.56	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901551PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:10
Date/Time Received: 06/03/99 14:43

Sample Comments: Sample dried & passed thru #60 sieve. S9

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11093.69	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		5.48	mg/Kg	06/16/99	EPA 6010
Barium (Total)		274.85	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.90	mg/Kg	06/16/99	EPA 6010
Boron (Total)		6.79	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		19.23	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		3895.09	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		23.86	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		5.99	mg/Kg	06/16/99	EPA 6010
Copper (Total)		119.85	mg/Kg	06/16/99	EPA 6010
Iron (Total)		15536.95	mg/Kg	06/16/99	EPA 6010
Lead (Total)		535.35	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1411.09	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1322.27	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		8.33	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		644.70	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		185.10	mg/Kg	06/16/99	EPA 6210
Silver (Total)		3.47	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		51.02	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		31.63	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		3743.14	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901552PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:18
Date/Time Received: 06/03/99 14:44

Sample Comments: Sample dried & passed thru #60 sieve. S10

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10812.28	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		39.05	mg/Kg	06/16/99	EPA 6010
Barium (Total)		195.18	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.80	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.07	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		185.25	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		18121.57	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		15.07	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		7.18	mg/Kg	06/16/99	EPA 6010
Copper (Total)		3845.57	mg/Kg	06/16/99	EPA 6010
Iron (Total)		17981.33	mg/Kg	06/16/99	EPA 6010
Lead (Total)		18311.34	mg/Kg	06/16/99	BPA 6010
Magnesium (Total)		1058.81	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1214.68	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)		4.10	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		20.69	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		708.35	mg/Kg	06/16/99	EPA 6210
Selenium (Total)		54.25	mg/Kg	06/16/99	EPA 6210
Silica (Total)		87.03	mg/Kg	06/16/99	EPA 6210
Silver (Total)		1.68	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		74.27	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		16.12	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		8073.44	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901553PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:24
Date/Time Received: 06/03/99 14:45

Sample Comments: Sample dried & passed thru #60 sieve. S11

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		12611.44	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		9.64	mg/Kg	06/16/99	EPA 6010
Barium (Total)		208.47	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.88	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.85	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		104.19	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		3837.34	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		24.06	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		6.70	mg/Kg	06/16/99	EPA 6010
Copper (Total)		489.58	mg/Kg	06/16/99	EPA 6010
Iron (Total)		14724.12	mg/Kg	06/16/99	EPA 6010
Lead (Total)		1011.41	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1122.36	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1171.09	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		8.62	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		1132.18	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		128.95	mg/Kg	06/16/99	EPA 6210
Silver (Total)		2.26	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		379.90	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		31.81	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		3436.70	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901554PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:29
Date/Time Received: 06/03/99 14:46

Sample Comments: Sample dried & passed thru #60 sieve. S12

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11819.18	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		18.26	mg/Kg	06/16/99	EPA 6010
Barium (Total)		257.91	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.48	mg/Kg	06/16/99	EPA 6010
Boron (Total)		4.34	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		323.36	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		3306.64	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		15.45	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		8.42	mg/Kg	06/16/99	EPA 6010
Copper (Total)		932.32	mg/Kg	06/16/99	EPA 6010
Iron (Total)		19287.33	mg/Kg	06/16/99	EPA 6010
Lead (Total)		8317.13	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		551.95	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1220.61	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		12.05	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		1392.73	mg/Kg	06/16/99	EPA 6210
Selenium (Total)		7.75	mg/Kg	06/16/99	EPA 6210
Silica (Total)		31.86	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		408.19	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		20.02	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		5333.80	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER✓

Lab Number: 901555PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:34
Date/Time Received: 06/03/99 14:47

Sample Comments: Sample dried & passed thru #60 sieve. S13

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		12859.69	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		8.01	mg/Kg	06/16/99	EPA 6010
Barium (Total)		296.04	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.86	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.02	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		48.77	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		5449.39	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		23.28	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		8.92	mg/Kg	06/16/99	EPA 6010
Copper (Total)		185.71	mg/Kg	06/16/99	EPA 6010
Iron (Total)		13459.58	mg/Kg	06/16/99	EPA 6010
Lead (Total)		792.13	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1730.05	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1248.71	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		16.60	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		857.51	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		102.49	mg/Kg	06/16/99	EPA 6210
Silver (Total)		1.68	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		68.41	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		25.93	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		2048.25	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901556PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:41
Date/Time Received: 06/03/99 14:48

Sample Comments: Sample dried & passed thru #60 sieve. S14

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10733.03	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Barium (Total)		336.83	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	06/16/99	EPA 6010
Boron (Total)		4.30	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		8.53	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		4512.75	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		19.67	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		10.04	mg/Kg	06/16/99	EPA 6010
Copper (Total)		144.16	mg/Kg	06/16/99	EPA 6010
Iron (Total)		12265.74	mg/Kg	06/16/99	EPA 6010
Lead (Total)		383.37	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1325.84	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1584.97	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		17.30	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		774.12	mg/Kg	06/16/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Silica (Total)		85.91	mg/Kg	06/16/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		42.16	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		27.18	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		1189.20	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901557PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:46
Date/Time Received: 06/03/99 14:49

Sample Comments: Sample dried & passed thru #60 sieve. S15

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		5985.04	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		40.63	mg/Kg	06/16/99	EPA 6010
Barium (Total)		287.29	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		1.35	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.00	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		133.99	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		3443.85	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		13.47	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		9.15	mg/Kg	06/16/99	EPA 6010
Copper (Total)		4706.34	mg/Kg	06/16/99	EPA 6010
Iron (Total)		14641.01	mg/Kg	06/16/99	EPA 6010
Lead (Total)		19865.37	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		593.73	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		1004.09	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)		2.79	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		36.80	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		808.26	mg/Kg	06/16/99	EPA 6210
Selenium (Total)		54.35	mg/Kg	06/16/99	EPA 6210
Silica (Total)		72.65	mg/Kg	06/16/99	EPA 6210
Silver (Total)		3.08	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		81.04	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		16.59	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		5435.50	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901558PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:53
Date/Time Received: 06/03/99 14:52

Sample Comments: Sample dried & passed thru #60 sieve. S16

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		12312.84	mg/Kg	06/16/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/16/99	EPA 6010
Arsenic (Total)		31.10	mg/Kg	06/16/99	EPA 6010
Barium (Total)		243.09	mg/Kg	06/16/99	EPA 6010
Beryllium (Total)		1.42	mg/Kg	06/16/99	EPA 6010
Boron (Total)		5.31	mg/Kg	06/16/99	EPA 6010
Cadmium (Total)		222.58	mg/Kg	06/16/99	EPA 6010
Calcium (Total)		4080.39	mg/Kg	06/16/99	EPA 6010
Chromium (Total)		21.26	mg/Kg	06/16/99	EPA 6010
Cobalt (Total)		5.41	mg/Kg	06/16/99	EPA 6010
Copper (Total)		2766.61	mg/Kg	06/16/99	EPA 6010
Iron (Total)		12246.94	mg/Kg	06/16/99	EPA 6010
Lead (Total)		9262.36	mg/Kg	06/16/99	EPA 6010
Magnesium (Total)		1388.62	mg/Kg	06/16/99	EPA 6010
Manganese (Total)		342.30	mg/Kg	06/16/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/16/99	EPA 6210
Nickel (Total)		34.83	mg/Kg	06/16/99	EPA 6210
Potassium (Total)		977.38	mg/Kg	06/16/99	EPA 6210
Selenium (Total)		43.94	mg/Kg	06/16/99	EPA 6210
Silica (Total)		183.81	mg/Kg	06/16/99	EPA 6210
Silver (Total)		6.67	mg/Kg	06/16/99	EPA 6210
Sodium (Total)		78.73	mg/Kg	06/16/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/16/99	EPA 6210
Vanadium (Total)		21.83	mg/Kg	06/16/99	EPA 6210
Zinc (Total)		7354.41	mg/Kg	06/16/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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* - Holding Time Exceeded

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901559PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 14:00
Date/Time Received: 06/03/99 14:52

Sample Comments: Sample dried & passed thru #60 sieve. S17

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17077.18	mg/Kg	06/17/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		5.23	mg/Kg	06/17/99	EPA 6010
Barium (Total)		282.91	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		1.04	mg/Kg	06/17/99	EPA 6010
Boron (Total)		8.04	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		6.66	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		6012.80	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		29.14	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		12.07	mg/Kg	06/17/99	EPA 6010
Copper (Total)		44.36	mg/Kg	06/17/99	EPA 6010
Iron (Total)		17459.85	mg/Kg	06/17/99	EPA 6010
Lead (Total)		148.13	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		1679.84	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		1576.10	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		13.70	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		1186.87	mg/Kg	06/17/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Silica (Total)		183.18	mg/Kg	06/17/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		51.16	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		30.07	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		1133.74	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901560PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 14:05
Date/Time Received: 06/03/99 14:53

Sample Comments: Sample dried & passed thru #60 sieve. S18

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13303.25	mg/Kg	06/17/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		14.13	mg/Kg	06/17/99	EPA 6010
Barium (Total)		344.13	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		1.01	mg/Kg	06/17/99	EPA 6010
Boron (Total)		6.65	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		39.94	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		4823.14	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		27.47	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		6.51	mg/Kg	06/17/99	EPA 6010
Copper (Total)		227.11	mg/Kg	06/17/99	EPA 6010
Iron (Total)		17353.00	mg/Kg	06/17/99	EPA 6010
Lead (Total)		1216.35	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		1717.90	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		1382.78	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		11.60	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		927.09	mg/Kg	06/17/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Silica (Total)		107.46	mg/Kg	06/17/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		46.73	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		33.34	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		6559.61	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901562PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth: 0.5
Date/Time Collected: 05/26/99 12:40
Date/Time Received: 06/03/99 14:55

Sample Comments: Sample dried & passed thru #60 sieve. S4 Deep

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		5611.20	mg/Kg	06/17/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		47.37	mg/Kg	06/17/99	EPA 6010
Barium (Total)		187.86	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		0.42	mg/Kg	06/17/99	EPA 6010
Boron (Total)		3.44	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		146.63	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		6543.34	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		15.52	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		6.68	mg/Kg	06/17/99	EPA 6010
Copper (Total)		8047.33	mg/Kg	06/17/99	EPA 6010
Iron (Total)		15662.51	mg/Kg	06/17/99	EPA 6010
Lead (Total)		120800.00	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		606.56	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		723.68	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)		2.61	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		21.60	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		726.60	mg/Kg	06/17/99	EPA 6210
Selenium (Total)		447.88	mg/Kg	06/17/99	EPA 6210
Silica (Total)		90.98	mg/Kg	06/17/99	EPA 6210
Silver (Total)		8.99	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		109.31	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		12.82	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		6758.37	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901563PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth: 0.5
Date/Time Collected: 05/26/99 12:50
Date/Time Received: 06/03/99 14:56

Sample Comments: Sample dried & passed thru #60 sieve. S6 Deep

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11473.85	mg/Kg	06/17/99	EPA 6010
Antimony (Total)		17.81	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		137.06	mg/Kg	06/17/99	EPA 6010
Barium (Total)		212.38	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		11.34	mg/Kg	06/17/99	EPA 6010
Boron (Total)		115.65	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		792.89	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		4385.49	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		93.42	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		24.10	mg/Kg	06/17/99	EPA 6010
Copper (Total)		31120.00	mg/Kg	06/17/99	EPA 6010
Iron (Total)		72560.00	mg/Kg	06/17/99	EPA 6010
Lead (Total)		98010.00	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		1125.37	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		903.47	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)		56.87	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		300.55	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		495.76	mg/Kg	06/17/99	EPA 6210
Selenium (Total)		594.38	mg/Kg	06/17/99	EPA 6210
Silica (Total)		169.09	mg/Kg	06/17/99	EPA 6210
Silver (Total)		8.04	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		136.31	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		15.44	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		16777.25	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901565PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth: 0.5
Date/Time Collected: 05/26/99 13:24
Date/Time Received: 06/03/99 14:58

Sample Comments: Sample dried & passed thru #60 sieve. S11 Deep

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21806.64	mg/Kg	06/17/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		177.69	mg/Kg	06/17/99	EPA 6010
Barium (Total)		788.61	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		1.26	mg/Kg	06/17/99	EPA 6010
Boron (Total)		19.74	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		258.58	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		2616.16	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		54.28	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		27.36	mg/Kg	06/17/99	EPA 6010
Copper (Total)		5966.03	mg/Kg	06/17/99	EPA 6010
Iron (Total)		44070.00	mg/Kg	06/17/99	EPA 6010
Lead (Total)		14340.80	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		1345.59	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		4954.00	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)		17.23	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		61.17	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		1686.22	mg/Kg	06/17/99	EPA 6210
Selenium (Total)		26.89	mg/Kg	06/17/99	EPA 6210
Silica (Total)		165.82	mg/Kg	06/17/99	EPA 6210
Silver (Total)		6.22	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		336.20	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		43.30	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		8930.93	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901564PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth: 0.5
Date/Time Collected: 05/26/99 13:46
Date/Time Received: 06/03/99 14:57

Sample Comments: Sample dried & passed thru #60 sieve. S15 Deep

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		3661.02	mg/Kg	06/17/99	EPA 6010
Antimony (Total)		10.52	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		8.14	mg/Kg	06/17/99	EPA 6010
Barium (Total)		175.71	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		2.39	mg/Kg	06/17/99	EPA 6010
Boron (Total)		83.92	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		256.57	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		2201.36	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		37.83	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		29.25	mg/Kg	06/17/99	EPA 6010
Copper (Total)		15150.00	mg/Kg	06/17/99	EPA 6010
Iron (Total)		23922.62	mg/Kg	06/17/99	EPA 6010
Lead (Total)		62292.25	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		937.74	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		826.44	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)		5.38	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		201.19	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		184.37	mg/Kg	06/17/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Silica (Total)		124.15	mg/Kg	06/17/99	EPA 6210
Silver (Total)		9.97	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		278.55	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		9.03	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		17409.53	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER ✓

Lab Number: 901561PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth: 0.5
Date/Time Collected: 05/26/99 14:00
Date/Time Received: 06/03/99 14:54

Sample Comments: Sample dried & passed thru #60 sieve. S17 Deep

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17957.22	mg/Kg	06/17/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Barium (Total)		231.44	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		0.97	mg/Kg	06/17/99	EPA 6010
Boron (Total)		5.29	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		5.31	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		4928.86	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		29.59	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		10.79	mg/Kg	06/17/99	EPA 6010
Copper (Total)		26.10	mg/Kg	06/17/99	EPA 6010
Iron (Total)		14693.71	mg/Kg	06/17/99	EPA 6010
Lead (Total)		54.61	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		1727.74	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		799.86	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		15.35	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		937.75	mg/Kg	06/17/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Silica (Total)		229.02	mg/Kg	06/17/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		56.41	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		26.05	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		908.08	mg/Kg	06/17/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/21/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 901566PT

Site ID:
Account Code: EP

Collection Location: C30630026 National Zinc BTA
Collector: Brown/Dallen
Matrix: Soil
Collect Depth:
Date/Time Collected: 05/26/99 13:46
Date/Time Received: 06/03/99 14:59

Sample Comments: Sample dried & passed thru #60 sieve. S15 Dup.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13682.04	mg/Kg	06/17/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/17/99	EPA 6010
Arsenic (Total)		91.34	mg/Kg	06/17/99	EPA 6010
Barium (Total)		328.12	mg/Kg	06/17/99	EPA 6010
Beryllium (Total)		2.54	mg/Kg	06/17/99	EPA 6010
Boron (Total)		14.43	mg/Kg	06/17/99	EPA 6010
Cadmium (Total)		298.95	mg/Kg	06/17/99	EPA 6010
Calcium (Total)		4290.57	mg/Kg	06/17/99	EPA 6010
Chromium (Total)		42.00	mg/Kg	06/17/99	EPA 6010
Cobalt (Total)		21.77	mg/Kg	06/17/99	EPA 6010
Copper (Total)		6458.24	mg/Kg	06/17/99	EPA 6010
Iron (Total)		24636.00	mg/Kg	06/17/99	EPA 6010
Lead (Total)		19803.64	mg/Kg	06/17/99	EPA 6010
Magnesium (Total)		1275.54	mg/Kg	06/17/99	EPA 6010
Manganese (Total)		1726.00	mg/Kg	06/17/99	EPA 6010
Molybdenum (Total)		3.91	mg/Kg	06/17/99	EPA 6210
Nickel (Total)		73.35	mg/Kg	06/17/99	EPA 6210
Potassium (Total)		877.42	mg/Kg	06/17/99	EPA 6210
Selenium (Total)		100.36	mg/Kg	06/17/99	EPA 6210
Silica (Total)		181.88	mg/Kg	06/17/99	EPA 6210
Silver (Total)		4.86	mg/Kg	06/17/99	EPA 6210
Sodium (Total)		96.66	mg/Kg	06/17/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/17/99	EPA 6210
Vanadium (Total)		40.19	mg/Kg	06/17/99	EPA 6210
Zinc (Total)		10418.75	mg/Kg	06/17/99	EPA 6210

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000493PT

Site ID:
Account Code: EP

Collection Location: Natl. Zinc-TW-1
Collector: Conrad/Cregan
Matrix: Water
Collect Depth: 13
Date/Time Collected: 08/25/99 11:25
Date/Time Received: 08/26/99 14:04

Sample Comments: HM filtered in field, purged 9 gallons before sampling.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.140	mg/L	09/08/99	EPA 200.7
Antimony	<	0.050	mg/L	09/08/99	EPA 200.7
Arsenic	<	0.050	mg/L	09/08/99	EPA 200.7
Barium		0.043	mg/L	09/08/99	EPA 200.7
Beryllium	<	0.001	mg/L	09/08/99	EPA 200.7
Boron		0.038	mg/L	09/08/99	EPA 200.7
Cadmium	<	0.005	mg/L	09/08/99	EPA 200.7
Calcium		131.88	mg/L	09/08/99	EPA 200.7
Chromium	<	0.010	mg/L	09/08/99	EPA 200.7
Cobalt	<	0.010	mg/L	09/08/99	EPA 200.7
Copper		0.011	mg/L	09/08/99	EPA 200.7
Cyanide	<	0.01	mg/L	09/03/99	EPA 335.3
Iron		0.174	mg/L	09/08/99	EPA 200.7
Lead	<	0.050	mg/L	09/08/99	EPA 200.7
Magnesium		36.99	mg/L	09/08/99	EPA 200.7
Manganese		0.240	mg/L	09/08/99	EPA 200.7
Molybdenum	<	0.020	mg/L	09/08/99	EPA 200.7
Nickel		0.011	mg/L	09/08/99	EPA 200.7
Potassium		0.49	mg/L	09/08/99	EPA 200.7
Selenium	<	0.050	mg/L	09/08/99	EPA 200.7
Silica		21.169	mg/L	09/08/99	EPA 200.7
Silver	<	0.010	mg/L	09/08/99	EPA 200.7
Sodium		51.60	mg/L	09/08/99	EPA 200.7
Thallium	<	0.050	mg/L	09/08/99	EPA 200.7
Vanadium	<	0.005	mg/L	09/08/99	EPA 200.7
Zinc		[illegible]	mg/L	09/08/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 09/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000494PT

Site ID:
Account Code: EP

Collection Location: Natl. Zinc-TW-2
Collector: Conrad/Cregan
Matrix: Water
Collect Depth: 13
Date/Time Collected: 08/25/99 09:50
Date/Time Received: 08/26/99 14:05

Sample Comments: HM filtered in field. Purged 18 1/2 gallons before sampling.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.277	mg/L	09/08/99	EPA 200.7
Antimony	<	0.050	mg/L	09/08/99	EPA 200.7
Arsenic	<	0.050	mg/L	09/08/99	EPA 200.7
Barium		0.026	mg/L	09/08/99	EPA 200.7
Beryllium	<	0.001	mg/L	09/08/99	EPA 200.7
Boron		0.460	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7
Calcium		367.55	mg/L	09/08/99	EPA 200.7
Chromium	<	0.010	mg/L	09/08/99	EPA 200.7
Cobalt	<	0.010	mg/L	09/08/99	EPA 200.7
Copper		0.014	mg/L	09/08/99	EPA 200.7
Cyanide	<	0.01	mg/L	09/03/99	EPA 335.3
Iron		0.334	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7
Magnesium		96.46	mg/L	09/08/99	EPA 200.7
Manganese		0.185	mg/L	09/08/99	EPA 200.7
Molybdenum	<	0.020	mg/L	09/08/99	EPA 200.7
Nickel		0.012	mg/L	09/08/99	EPA 200.7
Potassium		1.24	mg/L	09/08/99	EPA 200.7
Selenium	<	0.050	mg/L	09/08/99	EPA 200.7
Silica		25.700	mg/L	09/08/99	EPA 200.7
Silver	<	0.010	mg/L	09/08/99	EPA 200.7
Sodium		897.64	mg/L	09/08/99	EPA 200.7
Thallium	<	0.050	mg/L	09/08/99	EPA 200.7
Vanadium	<	0.005	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 09/09/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000495PT

Site ID:
Account Code: EP

Collection Location: Natl. Zinc-TW-3
Collector: Conrad/Cregan
Matrix: Water
Collect Depth: 13
Date/Time Collected: 08/25/99 16:20
Date/Time Received: 08/26/99 14:07

Sample Comments: HM filtered in field pruged approx 61/2 ga out before running dry.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.238	mg/L	09/08/99	EPA 200.7
Antimony	<	0.050	mg/L	09/08/99	EPA 200.7
Arsenic	<	0.050	mg/L	09/08/99	EPA 200.7
Barium		0.020	mg/L	09/08/99	EPA 200.7
Beryllium		0.003	mg/L	09/08/99	EPA 200.7
Boron		3.290	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7
Calcium		426.57	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7
Cobalt		16.846	mg/L	09/08/99	EPA 200.7
Copper		238.700	mg/L	09/08/99	EPA 200.7
Cyanide	<	0.01	mg/L	09/03/99	EPA 335.3
Iron		583.100	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7
Magnesium		198.60	mg/L	09/08/99	EPA 200.7
Manganese		416.600	mg/L	09/08/99	EPA 200.7
Molybdenum	<	0.020	mg/L	09/08/99	EPA 200.7
Nickel		14.368	mg/L	09/08/99	EPA 200.7
Potassium		9.02	mg/L	09/08/99	EPA 200.7
Selenium	<	0.050	mg/L	09/08/99	EPA 200.7
Silica		23.579	mg/L	09/08/99	EPA 200.7
Silver		0.113	mg/L	09/08/99	EPA 200.7
Sodium		580.83	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7
Vanadium	<	0.005	mg/L	09/08/99	EPA 200.7
[redacted]		[redacted]	mg/L	09/08/99	EPA 200.7

Reporting Analyst: REH
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000496PT

Site ID:
Account Code: EP

Collection Location: Natl. Zinc-TW-4
Collector: Conrad/Cregan
Matrix: Water
Collect Depth: 8
Date/Time Collected: 08/25/99 08:20
Date/Time Received: 08/26/99 14:09

Sample Comments: HM filtered in field. Purged dry on us at 1 gallon.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum	<	0.050	mg/L	09/10/99	EPA 200.7
Antimony	<	0.050	mg/L	09/10/99	EPA 200.7
Arsenic	<	0.050	mg/L	09/10/99	EPA 200.7
Barium		0.035	mg/L	09/10/99	EPA 200.7
Beryllium	<	0.001	mg/L	09/10/99	EPA 200.7
Boron		0.227	mg/L	09/10/99	EPA 200.7
Cadmium		0.855	mg/L	09/10/99	EPA 200.7
Calcium		650.91	mg/L	09/10/99	EPA 200.7
Chromium	<	0.010	mg/L	09/10/99	EPA 200.7
Cobalt		0.448	mg/L	09/10/99	EPA 200.7
Copper		1.621	mg/L	09/10/99	EPA 200.7
Cyanide	<	0.01	mg/L	09/03/99	EPA 335.3
Iron		0.026	mg/L	09/10/99	EPA 200.7
Lead	<	0.050	mg/L	09/10/99	EPA 200.7
Magnesium		71.98	mg/L	09/10/99	EPA 200.7
Manganese		35.800	mg/L	09/10/99	EPA 200.7
Molybdenum	<	0.020	mg/L	09/10/99	EPA 200.7
Nickel		0.666	mg/L	09/10/99	EPA 200.7
Potassium		16.95	mg/L	09/10/99	EPA 200.7
Selenium	<	0.050	mg/L	09/10/99	EPA 200.7
Silica		29.910	mg/L	09/10/99	EPA 200.7
Silver		0.011	mg/L	09/10/99	EPA 200.7
Sodium		172.14	mg/L	09/10/99	EPA 200.7
Thallium	<	0.050	mg/L	09/10/99	EPA 200.7
Vanadium	<	0.005	mg/L	09/10/99	EPA 200.7
Zinc		38.790	mg/L	09/10/99	EPA 200.7

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Date Reported: 09/14/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000497PT

Site ID:
Account Code: EP

Collection Location: Natl. Zinc-TW-5
Collector: Conrad/Cregan
Matrix: Water
Collect Depth: 13
Date/Time Collected: 08/25/99 14:15
Date/Time Received: 08/26/99 14:10

Sample Comments: HM filtered in field. Purged 16 gallons before sampling.

Parameter		*Analytical Result*	*Units*	*Analysis Date*	*Analytical Method*
Aluminum	<	0.050	mg/L	09/10/99	EPA 200.7
Antimony	<	0.050	mg/L	09/10/99	EPA 200.7
Arsenic	<	0.050	mg/L	09/10/99	EPA 200.7
Barium		0.008	mg/L	09/10/99	EPA 200.7
Beryllium	<	0.001	mg/L	09/10/99	EPA 200.7
Boron		0.113	mg/L	09/10/99	EPA 200.7
Cadmium		0.057	mg/L	09/10/99	EPA 200.7
Calcium		408.57	mg/L	09/10/99	EPA 200.7
Chromium	<	0.010	mg/L	09/10/99	EPA 200.7
Cobalt	<	0.010	mg/L	09/10/99	EPA 200.7
Copper		0.078	mg/L	09/10/99	EPA 200.7
Cyanide	<	0.01	mg/L	09/03/99	EPA 335.3
Iron		0.045	mg/L	09/10/99	EPA 200.7
Lead	<	0.050	mg/L	09/10/99	EPA 200.7
Magnesium		109.00	mg/L	09/10/99	EPA 200.7
Manganese		0.316	mg/L	09/10/99	EPA 200.7
Molybdenum	<	0.020	mg/L	09/10/99	EPA 200.7
Nickel		0.015	mg/L	09/10/99	EPA 200.7
Potassium		1.31	mg/L	09/10/99	EPA 200.7
Selenium	<	0.050	mg/L	09/10/99	EPA 200.7
Silica		22.005	mg/L	09/10/99	EPA 200.7
Silver		0.016	mg/L	09/10/99	EPA 200.7
Sodium		867.62	mg/L	09/10/99	EPA 200.7
Thallium	<	0.050	mg/L	09/10/99	EPA 200.7
Vanadium	<	0.005	mg/L	09/10/99	EPA 200.7
Zinc		1.654	mg/L	09/10/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 09/14/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000498PT

Site ID:
Account Code: EP

Collection Location: Natl. Zinc-TW-9
Collector: Conrad/Cregan
Matrix: Water
Collect Depth: 13
Date/Time Collected: 08/25/99 14:00
Date/Time Received: 08/26/99 14:11

Sample Comments: HM filtered in field. Purged 1 gallon before sampling.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum	<	0.050	mg/L	09/10/99	EPA 200.7
Antimony	<	0.050	mg/L	09/10/99	EPA 200.7
Arsenic	<	0.050	mg/L	09/10/99	EPA 200.7
Barium		0.078	mg/L	09/10/99	EPA 200.7
Beryllium	<	0.001	mg/L	09/10/99	EPA 200.7
Boron		0.049	mg/L	09/10/99	EPA 200.7
Cadmium	<	0.005	mg/L	09/10/99	EPA 200.7
Calcium		256.02	mg/L	09/10/99	EPA 200.7
Chromium	<	0.010	mg/L	09/10/99	EPA 200.7
Cobalt	<	0.010	mg/L	09/10/99	EPA 200.7
Copper		0.023	mg/L	09/10/99	EPA 200.7
Cyanide	<	0.01	mg/L	09/03/99	EPA 335.3
Iron		0.034	mg/L	09/10/99	EPA 200.7
Lead	<	0.050	mg/L	09/10/99	EPA 200.7
Magnesium		47.24	mg/L	09/10/99	EPA 200.7
Manganese		0.384	mg/L	09/10/99	EPA 200.7
Molybdenum	<	0.020	mg/L	09/10/99	EPA 200.7
Nickel		0.015	mg/L	09/10/99	EPA 200.7
Potassium		4.37	mg/L	09/10/99	EPA 200.7
Selenium	<	0.050	mg/L	09/10/99	EPA 200.7
Silica		21.130	mg/L	09/10/99	EPA 200.7
Silver	<	0.010	mg/L	09/10/99	EPA 200.7
Sodium		127.27	mg/L	09/10/99	EPA 200.7
Thallium	<	0.050	mg/L	09/10/99	EPA 200.7
Vanadium	<	0.005	mg/L	09/10/99	EPA 200.7
Zinc		0.260	mg/L	09/10/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 09/14/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Field 740

Lab Number: 901496PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-MW1
Collector: Laura Rand/John Monroe
Matrix: Water
Collect Depth: 4
Date/Time Collected: 05/26/99 11:00
Date/Time Received: 05/27/99 10:13

Sample Comments: Field filtered metals sample.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum	<	0.050	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.005	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.078	mg/L	06/02/99	EPA 200.7
Cadmium		0.100	mg/L	06/02/99	EPA 200.7
Calcium		182.59	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.014	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.027	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		47.07	mg/L	06/02/99	EPA 200.7
Manganese		2.731	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.048	mg/L	06/02/99	EPA 200.7
Potassium		1.48	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		15.012	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		152.82	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		3.167	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg 740

Lab Number: 901493PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc MW 2S
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth: 4
Date/Time Collected: 05/26/99 13:50 Date/Time Received: 05/27/99 10:12

Sample Comments: Field filtered metals sample.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum	<	0.050	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.052	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.106	mg/L	06/02/99	EPA 200.7
Cadmium		0.931	mg/L	06/02/99	EPA 200.7
Calcium		287.11	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.016	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.048	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		53.98	mg/L	06/02/99	EPA 200.7
Manganese		0.473	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.269	mg/L	06/02/99	EPA 200.7
Potassium		3.35	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		20.834	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		176.79	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		54.265	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓

Lab Number: 901504PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-MW 2D
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth: 9.7
Date/Time Collected: 05/26/99 12:45 Date/Time Received: 05/27/99 10:13

Sample Comments: Field filtered metals sample.

Parameter		*Analytical Result*	*Units*	*Analysis Date*	*Analytical Method*
Aluminum		0.078	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.058	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.439	mg/L	06/02/99	EPA 200.7
Cadmium	<	0.005	mg/L	06/02/99	EPA 200.7
Calcium		94.87	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.011	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.103	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		0.94	mg/L	06/02/99	EPA 200.7
Manganese	<	0.005	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.006	mg/L	06/02/99	EPA 200.7
Potassium		6.02	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		13.443	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		354.60	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium		0.008	mg/L	06/02/99	EPA 200.7
Zinc		0.037	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg 740

Lab Number: 901491PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc MW 3
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth: 3.4
Date/Time Collected: 05/26/99 13:30 Date/Time Received: 05/27/99 10:12

Sample Comments: Field filtered metals sample.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum	<	0.050	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.016	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.060	mg/L	06/02/99	EPA 200.7
Cadmium		0.120	mg/L	06/02/99	EPA 200.7
Calcium		96.50	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.035	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.091	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		25.55	mg/L	06/02/99	EPA 200.7
Manganese		0.252	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.073	mg/L	06/02/99	EPA 200.7
Potassium		3.80	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		17.613	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		134.76	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		13.258	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901502PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-MW 4
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth: 3.5
Date/Time Collected: 05/26/99 14:10 Date/Time Received: 05/27/99 10:13

Sample Comments: Field filtered metals sample.

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.114	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.013	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.214	mg/L	06/02/99	EPA 200.7
Cadmium		0.005	mg/L	06/02/99	EPA 200.7
Calcium		109.83	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.012	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.282	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		18.29	mg/L	06/02/99	EPA 200.7
Manganese		1.176	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.012	mg/L	06/02/99	EPA 200.7
Potassium		1.69	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		11.939	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		540.24	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.047	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Field 740

Lab Number: 901498PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW1
Collector: Laura Rand/John Monroe
Matrix: Water
Collect Depth:
Date/Time Collected: 05/26/99 12:05
Date/Time Received: 05/27/99 10:13

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		484.815	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic		0.063	mg/L	06/02/99	EPA 200.7
Barium		2.000	mg/L	06/02/99	EPA 200.7
Beryllium		0.011	mg/L	06/02/99	EPA 200.7
Boron		0.656	mg/L	06/02/99	EPA 200.7
Cadmium		2.965	mg/L	06/02/99	EPA 200.7
Calcium		537.67	mg/L	06/02/99	EPA 200.7
Chromium		0.066	mg/L	06/02/99	EPA 200.7
Cobalt		0.065	mg/L	06/02/99	EPA 200.7
Copper		0.873	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		48.739	mg/L	06/02/99	EPA 200.7
Lead		1.789	mg/L	06/02/99	EPA 200.7
Magnesium		32.67	mg/L	06/02/99	EPA 200.7
Manganese		25.600	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.430	mg/L	06/02/99	EPA 200.7
Potassium		13.57	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		348.630	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		64.61	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium		0.100	mg/L	06/02/99	EPA 200.7
Zinc		67.158	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg. 740

Lab Number: 901499PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW2
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 11:45 Date/Time Received: 05/27/99 10:13

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.513	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.134	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.101	mg/L	06/02/99	EPA 200.7
Cadmium		0.079	mg/L	06/02/99	EPA 200.7
Calcium		135.47	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.012	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.238	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		13.84	mg/L	06/02/99	EPA 200.7
Manganese		0.893	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.011	mg/L	06/02/99	EPA 200.7
Potassium		4.33	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		11.594	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		45.92	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		2.367	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Field 740

Lab Number: 901497PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW3
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 11:14 Date/Time Received: 05/27/99 10:13

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.053	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.025	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.178	mg/L	06/02/99	EPA 200.7
Cadmium		0.364	mg/L	06/02/99	EPA 200.7
Calcium		267.27	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.028	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.046	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		49.77	mg/L	06/02/99	EPA 200.7
Manganese		0.086	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.029	mg/L	06/02/99	EPA 200.7
Potassium		8.51	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		17.805	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		156.11	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		7.625	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg. 740

Lab Number: 901489PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW 4
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 12:50 Date/Time Received: 05/27/99 16:59

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.054	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.087	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.091	mg/L	06/02/99	EPA 200.7
Cadmium		0.088	mg/L	06/02/99	EPA 200.7
Calcium		153.05	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.011	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.124	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		22.52	mg/L	06/02/99	EPA 200.7
Manganese		0.118	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.014	mg/L	06/02/99	EPA 200.7
Potassium		4.05	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		10.973	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		72.88	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		2.857	mg/L	06/02/99	EPA 200.7

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Date Reported: 06/09/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg 740

Lab Number: 901490PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW 5
Collector: Laura Rand/John Monroe
Matrix: Water
Collect Depth:
Date/Time Collected: 05/26/99 13:10
Date/Time Received: 05/28/99 11:26

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.052	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.064	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.051	mg/L	06/02/99	EPA 200.7
Cadmium		0.037	mg/L	06/02/99	EPA 200.7
Calcium		94.58	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.044	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.030	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		14.97	mg/L	06/02/99	EPA 200.7
Manganese		0.082	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.012	mg/L	06/02/99	EPA 200.7
Potassium		1.61	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		15.515	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		58.36	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.736	mg/L	06/02/99	EPA 200.7

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Field 740

Lab Number: 901495PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW6
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 13:30 Date/Time Received: 05/28/99 15:28

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.243	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.076	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.091	mg/L	06/02/99	EPA 200.7
Cadmium		0.034	mg/L	06/02/99	EPA 200.7
Calcium		88.68	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.065	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.208	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		13.15	mg/L	06/02/99	EPA 200.7
Manganese		0.046	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.010	mg/L	06/02/99	EPA 200.7
Potassium		1.63	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		16.768	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		45.22	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.479	mg/L	06/02/99	EPA 200.7

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓ Lab Number: 901505PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW 7
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 13:45 Date/Time Received: 05/27/99 10:15

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.082	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.069	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.090	mg/L	06/02/99	EPA 200.7
Cadmium		0.049	mg/L	06/02/99	EPA 200.7
Calcium		86.33	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.055	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.048	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		12.14	mg/L	06/02/99	EPA 200.7
Manganese		0.048	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.010	mg/L	06/02/99	EPA 200.7
Potassium		1.69	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		16.764	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		38.32	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.854	mg/L	06/02/99	EPA 200.7

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg 740

Lab Number: 901494PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc SW 8
Collector: Laura Rand/John Monroe
Matrix: Water
Collect Depth:
Date/Time Collected: 05/26/99 14:00
Date/Time Received: 05/27/99 10:12

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.228	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.068	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.138	mg/L	06/02/99	EPA 200.7
Cadmium		0.051	mg/L	06/02/99	EPA 200.7
Calcium		87.30	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.071	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.212	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		12.20	mg/L	06/02/99	EPA 200.7
Manganese		0.055	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.012	mg/L	06/02/99	EPA 200.7
Potassium		1.61	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		18.117	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		37.05	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.970	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓

Lab Number: 901503PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW9
Collector: Laura Rand/John Monroe
Matrix: Water
Collect Depth:
Date/Time Collected: 05/26/99 13:55
Date/Time Received: 05/27/99 10:13

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.063	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.061	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.051	mg/L	06/02/99	EPA 200.7
Cadmium		0.053	mg/L	06/02/99	EPA 200.7
Calcium		87.01	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.050	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.082	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		11.50	mg/L	06/02/99	EPA 200.7
Manganese		0.021	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.011	mg/L	06/02/99	EPA 200.7
Potassium		1.63	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		16.020	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		34.80	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.934	mg/L	06/02/99	EPA 200.7

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg 740

Lab Number: 901492PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW 10
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 15:25 Date/Time Received: 05/27/99 10:12

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.783	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.062	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.041	mg/L	06/02/99	EPA 200.7
Cadmium		0.031	mg/L	06/02/99	EPA 200.7
Calcium		74.40	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.048	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.631	mg/L	06/02/99	EPA 200.7
Lead		0.091	mg/L	06/02/99	EPA 200.7
Magnesium		8.14	mg/L	06/02/99	EPA 200.7
Manganese		0.075	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.015	mg/L	06/02/99	EPA 200.7
Potassium		0.79	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		21.071	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		26.24	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		1.978	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg. 740

Lab Number: 901501PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc SW 11
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 15:30 Date/Time Received: 05/27/99 10:13

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.078	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.047	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.022	mg/L	06/02/99	EPA 200.7
Cadmium	<	0.005	mg/L	06/02/99	EPA 200.7
Calcium		70.75	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.028	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.140	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		6.84	mg/L	06/02/99	EPA 200.7
Manganese		0.026	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.011	mg/L	06/02/99	EPA 200.7
Potassium		0.39	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		19.239	mg/L	06/02/99	EPA 200.7
Silver	<	0.010	mg/L	06/02/99	EPA 200.7
Sodium		27.05	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.459	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg. 740

Lab Number: 901500PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-SW11 Dup
Collector: Laura Rand/John Monroe Matrix: Water Collect Depth:
Date/Time Collected: 05/26/99 15:30 Date/Time Received: 05/27/99 10:13

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum		0.072	mg/L	06/02/99	EPA 200.7
Antimony	<	0.050	mg/L	06/02/99	EPA 200.7
Arsenic	<	0.050	mg/L	06/02/99	EPA 200.7
Barium		0.041	mg/L	06/02/99	EPA 200.7
Beryllium	<	0.001	mg/L	06/02/99	EPA 200.7
Boron		0.037	mg/L	06/02/99	EPA 200.7
Cadmium	<	0.005	mg/L	06/02/99	EPA 200.7
Calcium		69.12	mg/L	06/02/99	EPA 200.7
Chromium	<	0.010	mg/L	06/02/99	EPA 200.7
Cobalt	<	0.010	mg/L	06/02/99	EPA 200.7
Copper		0.021	mg/L	06/02/99	EPA 200.7
Cyanide	<	0.01	mg/L	06/08/99	EPA 335.3
Iron		0.073	mg/L	06/02/99	EPA 200.7
Lead	<	0.050	mg/L	06/02/99	EPA 200.7
Magnesium		6.84	mg/L	06/02/99	EPA 200.7
Manganese		0.013	mg/L	06/02/99	EPA 200.7
Molybdenum	<	0.020	mg/L	06/02/99	EPA 200.7
Nickel		0.012	mg/L	06/02/99	EPA 200.7
Potassium		0.42	mg/L	06/02/99	EPA 200.7
Selenium	<	0.050	mg/L	06/02/99	EPA 200.7
Silica		19.093	mg/L	06/02/99	EPA 200.7
Silver		0.014	mg/L	06/02/99	EPA 200.7
Sodium		27.18	mg/L	06/02/99	EPA 200.7
Thallium	<	0.050	mg/L	06/02/99	EPA 200.7
Vanadium	<	0.005	mg/L	06/02/99	EPA 200.7
Zinc		0.354	mg/L	06/02/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 06/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Field Bldg 740

Lab Number: 901478PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 1
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 12:05 Date/Time Received: 05/27/99 16:21

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		5000.77	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Barium (Total)		45.45	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.11	mg/Kg	06/15/99	EPA 6010
Boron (Total)		1.33	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		52.55	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		3157.94	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		5.02	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		3.73	mg/Kg	06/15/99	EPA 6010
Copper (Total)		19.85	mg/Kg	06/15/99	EPA 6010
Iron (Total)		4019.97	mg/Kg	06/15/99	EPA 6010
Lead (Total)		178.45	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		317.14	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		761.55	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		6.01	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		230.30	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		97.91	mg/Kg	06/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		69.32	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		5.17	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		1973.08	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Field Bldg 740

Lab Number: 901479PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 2
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 11:45 Date/Time Received: 05/27/99 16:34

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9145.61	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Barium (Total)		39.99	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.15	mg/Kg	06/15/99	EPA 6010
Boron (Total)		1.33	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		30.83	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		5807.97	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		5.21	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		1.55	mg/Kg	06/15/99	EPA 6010
Copper (Total)		13.31	mg/Kg	06/15/99	EPA 6010
Iron (Total)		3623.08	mg/Kg	06/15/99	EPA 6010
Lead (Total)		72.08	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		522.14	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		286.77	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		5.60	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		356.72	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		96.44	mg/Kg	06/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		80.94	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		4.99	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		1162.65	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Field Bldg. 740

Lab Number: 901480PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 3
Collector: Laura Rand/John Monroe BER Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 11:14 Date/Time Received: 05/27/99 16:39

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10651.44	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		12.64	mg/Kg	06/15/99	EPA 6010
Barium (Total)		232.85	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		1.02	mg/Kg	06/15/99	EPA 6010
Boron (Total)		13.07	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		86.47	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		6546.15	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		33.92	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		22.83	mg/Kg	06/15/99	EPA 6010
Copper (Total)		268.30	mg/Kg	06/15/99	EPA 6010
Iron (Total)		380300.00	mg/Kg	06/15/99	EPA 6010
Lead (Total)		425.28	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		1652.71	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		16470.00	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		38.96	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		665.32	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		123.21	mg/Kg	06/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		218.87	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		39.67	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		3412.49	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901481PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 4
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 12:50 Date/Time Received: 05/27/99 16:44

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		6904.16	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		12.83	mg/Kg	06/15/99	EPA 6010
Barium (Total)		420.13	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.57	mg/Kg	06/15/99	EPA 6010
Boron (Total)		8.23	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		55.63	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		3555.99	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		29.43	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		11.89	mg/Kg	06/15/99	EPA 6010
Copper (Total)		1108.87	mg/Kg	06/15/99	EPA 6010
Iron (Total)		21105.64	mg/Kg	06/15/99	EPA 6010
Lead (Total)		178.17	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		740.08	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		905.15	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		20.44	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		501.76	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		329.40	mg/Kg	06/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		122.59	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		36.25	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		1934.89	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901482PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 5
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 13:10 Date/Time Received: 05/27/99 16:46

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		7733.35	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		10.60	mg/Kg	06/15/99	EPA 6010
Barium (Total)		293.90	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.53	mg/Kg	06/15/99	EPA 6010
Boron (Total)		6.21	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		36.06	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		2722.16	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		19.60	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		28.16	mg/Kg	06/15/99	EPA 6010
Copper (Total)		465.97	mg/Kg	06/15/99	EPA 6010
Iron (Total)		18725.57	mg/Kg	06/15/99	EPA 6010
Lead (Total)		245.13	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		950.46	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		2671.00	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		28.11	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		563.32	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		102.63	mg/Kg	06/15/99	EPA 6210
Silver (Total)		1.58	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		139.26	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		19.73	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		2189.79	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901483PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 6
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 13:30 Date/Time Received: 05/27/99 16:48

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		6458.91	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		10.97	mg/Kg	06/15/99	EPA 6010
Barium (Total)		301.36	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.94	mg/Kg	06/15/99	EPA 6010
Boron (Total)		8.22	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		88.42	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		10295.98	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		31.39	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		21.70	mg/Kg	06/15/99	EPA 6010
Copper (Total)		732.68	mg/Kg	06/15/99	EPA 6010
Iron (Total)		22109.27	mg/Kg	06/15/99	EPA 6010
Lead (Total)		450.03	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		1275.94	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		1745.00	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		21.39	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		383.21	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		55.04	mg/Kg	06/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		269.55	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		36.96	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		2694.89	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER ✓
Forbes Bldg. 740

Lab Number: 901484PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 7
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 13:45 Date/Time Received: 05/27/99 16:50

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		7793.61	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		34.83	mg/Kg	06/15/99	EPA 6010
Barium (Total)		133.38	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.50	mg/Kg	06/15/99	EPA 6010
Boron (Total)		3.65	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		24.26	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		2779.96	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		15.98	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		21.31	mg/Kg	06/15/99	EPA 6010
Copper (Total)		927.45	mg/Kg	06/15/99	EPA 6010
Iron (Total)		13274.19	mg/Kg	06/15/99	EPA 6010
Lead (Total)		166.18	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		840.38	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		531.04	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		8.93	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		400.25	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		128.03	mg/Kg	06/15/99	EPA 6210
Silver (Total)		3.87	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		154.36	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		23.31	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		1495.85	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/22/99

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* - Holding Time Exceeded

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901485PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc Sed 8
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 14:00 Date/Time Received: 05/27/99 16:52

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		5941.70	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		20.85	mg/Kg	06/15/99	EPA 6010
Barium (Total)		119.37	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.43	mg/Kg	06/15/99	EPA 6010
Boron (Total)		2.67	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		21.48	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		2912.53	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		13.35	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		17.05	mg/Kg	06/15/99	EPA 6010
Copper (Total)		928.19	mg/Kg	06/15/99	EPA 6010
Iron (Total)		11274.39	mg/Kg	06/15/99	EPA 6010
Lead (Total)		211.64	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		642.21	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		559.02	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		8.75	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		312.00	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		196.99	mg/Kg	06/15/99	EPA 6210
Silver (Total)		2.08	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		134.21	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		18.74	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		1442.97	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901486PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 9
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 13:55 Date/Time Received: 05/27/99 16:54

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		7262.05	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		35.62	mg/Kg	06/15/99	EPA 6010
Barium (Total)		193.63	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.87	mg/Kg	06/15/99	EPA 6010
Boron (Total)		9.65	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		24.21	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		2608.03	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		29.99	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		23.37	mg/Kg	06/15/99	EPA 6010
Copper (Total)		1191.05	mg/Kg	06/15/99	EPA 6010
Iron (Total)		22613.88	mg/Kg	06/15/99	EPA 6010
Lead (Total)		211.62	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		760.42	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		680.07	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		11.70	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		377.00	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		126.21	mg/Kg	06/15/99	EPA 6210
Silver (Total)		8.81	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		201.47	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		57.81	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		1596.45	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901487PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc Sed 10
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 15:25 Date/Time Received: 05/27/99 16:55

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		8229.59	mg/Kg	06/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		6.76	mg/Kg	06/15/99	EPA 6010
Barium (Total)		158.93	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)		0.52	mg/Kg	06/15/99	EPA 6010
Boron (Total)		2.40	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		18.21	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		4246.07	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		13.84	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		3.87	mg/Kg	06/15/99	EPA 6010
Copper (Total)		79.75	mg/Kg	06/15/99	EPA 6010
Iron (Total)		9295.19	mg/Kg	06/15/99	EPA 6010
Lead (Total)		419.65	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		1195.62	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		225.44	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		10.41	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		361.29	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		135.87	mg/Kg	06/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		128.83	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		18.30	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		3257.09	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Laura Rand-BER
Forbes Bldg. 740

Lab Number: 901488PT

Site ID:
Account Code: EJ

Collection Location: Cherryvale-National Zinc-Sed 11
Collector: Laura Rand/John Monroe Matrix: Sediment/Sludge Collect Depth:
Date/Time Collected: 05/26/99 15:30 Date/Time Received: 05/27/99 16:57

Sample Comments:

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		2221.19	mg/Kg	06/15/99	EPA 6010
Antimony (Total)		20.88	mg/Kg	06/15/99	EPA 6010
Arsenic (Total)		289.82	mg/Kg	06/15/99	EPA 6010
Barium (Total)		47.77	mg/Kg	06/15/99	EPA 6010
Beryllium (Total)	<	0.10	mg/Kg	06/15/99	EPA 6010
Boron (Total)		12.53	mg/Kg	06/15/99	EPA 6010
Cadmium (Total)		27.55	mg/Kg	06/15/99	EPA 6010
Calcium (Total)		4353.93	mg/Kg	06/15/99	EPA 6010
Chromium (Total)		27.65	mg/Kg	06/15/99	EPA 6010
Cobalt (Total)		17.20	mg/Kg	06/15/99	EPA 6010
Copper (Total)		2984.04	mg/Kg	06/15/99	EPA 6010
Iron (Total)		25691.31	mg/Kg	06/15/99	EPA 6010
Lead (Total)		668.24	mg/Kg	06/15/99	EPA 6010
Magnesium (Total)		314.38	mg/Kg	06/15/99	EPA 6010
Manganese (Total)		299.16	mg/Kg	06/15/99	EPA 6010
Molybdenum (Total)		7.10	mg/Kg	06/15/99	EPA 6210
Nickel (Total)		18.55	mg/Kg	06/15/99	EPA 6210
Potassium (Total)		170.93	mg/Kg	06/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Silica (Total)		87.97	mg/Kg	06/15/99	EPA 6210
Silver (Total)		14.64	mg/Kg	06/15/99	EPA 6210
Sodium (Total)		122.23	mg/Kg	06/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	06/15/99	EPA 6210
Vanadium (Total)		9.57	mg/Kg	06/15/99	EPA 6210
Zinc (Total)		3172.79	mg/Kg	06/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 06/17/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000414PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Water
Collect Depth: 0
Date/Time Collected: 08/10/99 00:00
Date/Time Received: 08/12/99 13:35

Sample Comments: Rinsate

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum	<	0.050	mg/L	08/18/99	EPA 200.7
Antimony	<	0.050	mg/L	08/18/99	EPA 200.7
Arsenic	<	0.050	mg/L	08/18/99	EPA 200.7
Barium	<	0.005	mg/L	08/18/99	EPA 200.7
Beryllium	<	0.001	mg/L	08/18/99	EPA 200.7
Boron	<	0.010	mg/L	08/18/99	EPA 200.7
Cadmium	<	0.005	mg/L	08/18/99	EPA 200.7
Calcium		1.04	mg/L	08/18/99	EPA 200.7
Chromium	<	0.010	mg/L	08/18/99	EPA 200.7
Cobalt	<	0.010	mg/L	08/18/99	EPA 200.7
Copper		0.031	mg/L	08/18/99	EPA 200.7
Iron		0.098	mg/L	08/18/99	EPA 200.7
Lead	<	0.050	mg/L	08/18/99	EPA 200.7
Magnesium		0.11	mg/L	08/18/99	EPA 200.7
Manganese		0.006	mg/L	08/18/99	EPA 200.7
Molybdenum	<	0.020	mg/L	08/18/99	EPA 200.7
Nickel	<	0.005	mg/L	08/18/99	EPA 200.7
Potassium		0.12	mg/L	08/18/99	EPA 200.7
Selenium	<	0.050	mg/L	08/18/99	EPA 200.7
Silica		0.795	mg/L	08/18/99	EPA 200.7
Silver	<	0.010	mg/L	08/18/99	EPA 200.7
Sodium		0.30	mg/L	08/18/99	EPA 200.7
Thallium	<	0.050	mg/L	08/18/99	EPA 200.7
Vanadium	<	0.005	mg/L	08/18/99	EPA 200.7
Zinc		0.140	mg/L	08/18/99	EPA 200.7

Reporting Analyst: REH
Date Reported: 08/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000368PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:54
Date/Time Received: 08/12/99 13:44

Sample Comments: N6400 E5028

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14423.33	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		21.21	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		1.830	mg/L	11/23/99	EPA 1311
Barium (Total)		216.02	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		1.08	mg/Kg	11/05/99	EPA 6010
Boron (Total)		13.61	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		6.451	mg/L	11/23/99	EPA 1311
Cadmium (Total)		295.16	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		4188.21	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		35.73	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		33.87	mg/Kg	11/05/99	EPA 6010
Copper (Total)		1184.58	mg/Kg	11/05/99	EPA 6010
Iron (Total)		36658.70	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.633	mg/L	11/23/99	EPA 1311
Lead (Total)		904.43	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1797.77	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		1403.87	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1513*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		41.51	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1075.35	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		167.16	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		1.36	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		337.94	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		36.06	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		5862.84	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000398PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:51
Date/Time Received: 08/12/99 13:43

Sample Comments: N6600 E5025

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10356.87	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		28.03	mg/Kg	11/18/99	EPA 6010
Barium (Total)		675.97	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		0.54	mg/Kg	11/18/99	EPA 6010
Boron (Total)		8.86	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		103.60	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		40105.07	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		18.69	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		19.86	mg/Kg	11/18/99	EPA 6010
Copper (Total)		337.93	mg/Kg	11/18/99	EPA 6010
Iron (Total)		20763.56	mg/Kg	11/18/99	EPA 6010
Lead (Total)		208.66	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		1693.26	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		10782.71	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)		4.19	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		28.73	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		964.58	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		138.85	mg/Kg	11/18/99	EPA 6210
Silver (Total)		5.87	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		218.57	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		16.04	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		5451.62	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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* - Holding Time Exceeded

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000397PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:50
Date/Time Received: 08/12/99 13:43

Sample Comments: N6800 E5025

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18233.41	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		21.42	mg/Kg	11/18/99	EPA 6010
Barium (Total)		190.58	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		0.79	mg/Kg	11/18/99	EPA 6010
Boron (Total)		11.94	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		11.00	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		3590.29	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		28.70	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		13.47	mg/Kg	11/18/99	EPA 6010
Copper (Total)		158.55	mg/Kg	11/18/99	EPA 6010
Iron (Total)		20806.91	mg/Kg	11/18/99	EPA 6010
Lead (Total)		110.70	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		1934.72	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		716.70	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)		2.42	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		14.29	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		1626.42	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		200.33	mg/Kg	11/18/99	EPA 6210
Silver (Total)		3.29	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		270.28	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		32.84	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		658.65	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000422PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 07:12
Date/Time Received: 08/12/99 13:55

Sample Comments: N5600 E5100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13458.13	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		29.16	mg/Kg	11/19/99	EPA 6010
Barium (Total)		123.03	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.70	mg/Kg	11/19/99	EPA 6010
Boron (Total)		12.38	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		23.81	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		2796.38	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		28.10	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		13.56	mg/Kg	11/19/99	EPA 6010
Copper (Total)		408.16	mg/Kg	11/19/99	EPA 6010
Iron (Total)		22742.24	mg/Kg	11/19/99	EPA 6010
Lead (Total)		300.27	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1117.43	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		789.38	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)		3.07	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		18.01	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1327.88	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		189.97	mg/Kg	11/19/99	EPA 6210
Silver (Total)		5.92	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		91.77	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		24.44	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		1295.21	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000372PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:48
Date/Time Received: 08/12/99 13:44

Sample Comments: N6900 E5100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21553.54	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (Total)		5.65	mg/Kg	11/05/99	EPA 6010
Barium (Total)		184.01	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.94	mg/Kg	11/05/99	EPA 6010
Boron (Total)		7.07	mg/Kg	11/05/99	EPA 6010
Cadmium (Total)		6.02	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		4704.03	mg/Kg	11/05/99	EPA 6010
Chromium (Total)		28.63	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		6.22	mg/Kg	11/05/99	EPA 6010
Copper (Total)		63.12	mg/Kg	11/05/99	EPA 6010
Iron (Total)		18209.87	mg/Kg	11/05/99	EPA 6010
Lead (Total)		40.21	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		2096.74	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		328.03	mg/Kg	11/05/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		13.91	mg/Kg	11/05/99	EPA 6210
Potassium (Total)		1530.05	mg/Kg	11/05/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		149.54	mg/Kg	11/05/99	EPA 6210
Silver (Total)		3.24	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		233.10	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		26.09	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		536.53	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000423PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 08:24
Date/Time Received: 08/12/99 13:55

Sample Comments: N5900 E5200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14306.90	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		8.34	mg/Kg	11/19/99	EPA 6010
Barium (Total)		92.08	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.63	mg/Kg	11/19/99	EPA 6010
Boron (Total)		10.59	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		78.88	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		1720.88	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		23.98	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		17.16	mg/Kg	11/19/99	EPA 6010
Copper (Total)		55.05	mg/Kg	11/19/99	EPA 6010
Iron (Total)		15526.06	mg/Kg	11/19/99	EPA 6010
Lead (Total)		129.84	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1325.77	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		1753.06	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		38.55	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1443.11	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		221.28	mg/Kg	11/19/99	EPA 6210
Silver (Total)		1.19	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		382.86	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		27.92	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		5503.99	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000411PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:30
Date/Time Received: 08/12/99 13:35

Sample Comments: N6000 E5200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15294.30	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Barium (Total)		115.43	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.76	mg/Kg	11/19/99	EPA 6010
Boron (Total)		9.35	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		21.30	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		2838.28	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		25.47	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		5.52	mg/Kg	11/19/99	EPA 6010
Copper (Total)		63.74	mg/Kg	11/19/99	EPA 6010
Iron (Total)		15747.95	mg/Kg	11/19/99	EPA 6010
Lead (Total)		87.69	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1501.69	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		854.97	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		13.10	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1278.81	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		189.04	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		290.91	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		26.98	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		1371.10	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000403PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:02
Date/Time Received: 08/12/99 13:35

Sample Comments: N6300 E5200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20638.12	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		15.14	mg/Kg	11/18/99	EPA 6010
Barium (Total)		215.07	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		1.41	mg/Kg	11/18/99	EPA 6010
Boron (Total)		21.86	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		9.07	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		3344.65	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		48.65	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		15.19	mg/Kg	11/18/99	EPA 6010
Copper (Total)		207.43	mg/Kg	11/18/99	EPA 6010
Iron (Total)		48017.30	mg/Kg	11/18/99	EPA 6010
Lead (Total)		60.63	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		2008.04	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		803.09	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		24.39	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		1433.06	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		176.03	mg/Kg	11/18/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		125.00	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		58.22	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		762.95	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000415PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 09:46
Date/Time Received: 08/12/99 13:54

Sample Comments: N5100 E5300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19905.85	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		5.14	mg/Kg	11/19/99	EPA 6010
Barium (Total)		184.81	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.96	mg/Kg	11/19/99	EPA 6010
Boron (Total)		11.14	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		1.10	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		4140.68	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		30.93	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		8.16	mg/Kg	11/19/99	EPA 6010
Copper (Total)		17.02	mg/Kg	11/19/99	EPA 6010
Iron (Total)		20527.18	mg/Kg	11/19/99	EPA 6010
Lead (Total)		31.60	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1730.27	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		495.76	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		11.73	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1527.49	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		208.10	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		54.61	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		30.70	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		170.33	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000399PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:58
Date/Time Received: 08/12/99 13:43

Sample Comments: N6200 E5300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		30403.32	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		7.92	mg/Kg	11/18/99	EPA 6010
Barium (Total)		153.29	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		0.81	mg/Kg	11/18/99	EPA 6010
Boron (Total)		15.62	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		12.70	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		3935.13	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		41.72	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		8.97	mg/Kg	11/18/99	EPA 6010
Copper (Total)		47.56	mg/Kg	11/18/99	EPA 6010
Iron (Total)		23583.73	mg/Kg	11/18/99	EPA 6010
Lead (Total)		92.61	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		2661.27	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		783.35	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		16.75	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		2971.82	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		338.30	mg/Kg	11/18/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		766.92	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		51.04	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		1301.25	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000402PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:00
Date/Time Received: 08/12/99 13:35

Sample Comments: N6600 E5400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		30812.64	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		5.75	mg/Kg	11/18/99	EPA 6010
Barium (Total)		196.51	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		0.90	mg/Kg	11/18/99	EPA 6010
Boron (Total)		14.88	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		3.27	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		4510.20	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		40.05	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		6.33	mg/Kg	11/18/99	EPA 6010
Copper (Total)		36.21	mg/Kg	11/18/99	EPA 6010
Iron (Total)		23110.15	mg/Kg	11/18/99	EPA 6010
Lead (Total)		46.43	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		3164.46	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		419.55	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		16.37	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		2757.23	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		215.93	mg/Kg	11/18/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		577.37	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		45.35	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		467.69	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000418PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 09:08
Date/Time Received: 08/12/99 13:55

Sample Comments: N5400 E5500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21158.94	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		7.24	mg/Kg	11/19/99	EPA 6010
Barium (Total)		167.26	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		1.05	mg/Kg	11/19/99	EPA 6010
Boron (Total)		14.99	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		27.59	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		3969.73	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		36.36	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		21.74	mg/Kg	11/19/99	EPA 6010
Copper (Total)		56.11	mg/Kg	11/19/99	EPA 6010
Iron (Total)		25979.57	mg/Kg	11/19/99	EPA 6010
Lead (Total)		110.42	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1495.62	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		1562.10	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		21.18	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1840.54	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		179.38	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		148.02	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		32.91	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		765.05	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000405PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:13
Date/Time Received: 08/12/99 13:35

Sample Comments: N5500 E5500A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		26132.76	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		32.56	mg/Kg	11/18/99	EPA 6010
Barium (Total)		169.65	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		1.10	mg/Kg	11/18/99	EPA 6010
Boron (Total)		16.55	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		43.79	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		4183.49	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		42.68	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		14.54	mg/Kg	11/18/99	EPA 6010
Copper (Total)		454.30	mg/Kg	11/18/99	EPA 6010
Iron (Total)		32031.77	mg/Kg	11/18/99	EPA 6010
Lead (Total)		358.77	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		2061.30	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		833.03	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		26.64	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		2522.47	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		305.34	mg/Kg	11/18/99	EPA 6210
Silver (Total)		3.53	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		187.17	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		42.70	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		1812.06	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000404PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:13
Date/Time Received: 08/12/99 13:35

Sample Comments: N5500 E5500B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22331.72	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		22.11	mg/Kg	11/18/99	EPA 6010
Barium (Total)		182.54	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		1.03	mg/Kg	11/18/99	EPA 6010
Boron (Total)		13.39	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		52.01	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		4301.49	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		35.73	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		16.31	mg/Kg	11/18/99	EPA 6010
Copper (Total)		402.81	mg/Kg	11/18/99	EPA 6010
Iron (Total)		27293.16	mg/Kg	11/18/99	EPA 6010
Lead (Total)		319.32	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		1858.94	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		1302.97	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		32.45	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		2095.11	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		292.62	mg/Kg	11/18/99	EPA 6210
Silver (Total)		2.89	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		176.35	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		33.82	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		1699.66	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000400PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:10
Date/Time Received: 08/12/99 13:36

Sample Comments: N5800 E5500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		24158.37	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		21.10	mg/Kg	11/18/99	EPA 6010
Barium (Total)		365.51	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		1.34	mg/Kg	11/18/99	EPA 6010
Boron (Total)		22.84	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		78.24	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		3908.34	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		43.91	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		33.22	mg/Kg	11/18/99	EPA 6010
Copper (Total)		352.74	mg/Kg	11/18/99	EPA 6010
Iron (Total)		50110.11	mg/Kg	11/18/99	EPA 6010
Lead (Total)		429.22	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		2627.60	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		3345.32	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		44.01	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		1859.41	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		197.65	mg/Kg	11/18/99	EPA 6210
Silver (Total)		7.78	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		593.36	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		45.07	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		2221.05	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000401PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:08
Date/Time Received: 08/12/99 13:36

Sample Comments: N6500 E5500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		29352.29	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		8.31	mg/Kg	11/18/99	EPA 6010
Barium (Total)		264.02	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		1.12	mg/Kg	11/18/99	EPA 6010
Boron (Total)		14.08	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		3.10	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		4042.02	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		41.31	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		10.72	mg/Kg	11/18/99	EPA 6010
Copper (Total)		26.48	mg/Kg	11/18/99	EPA 6010
Iron (Total)		26675.62	mg/Kg	11/18/99	EPA 6010
Lead (Total)		57.01	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		2516.89	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		522.10	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		16.57	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		2108.48	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		208.74	mg/Kg	11/18/99	EPA 6210
Silver (Total)		12.63	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		260.45	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		49.36	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		462.21	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000395PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:40
Date/Time Received: 08/12/99 13:43

Sample Comments: N7000 E5500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		33390.31	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		8.48	mg/Kg	11/15/99	EPA 6010
Barium (Total)		164.08	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.70	mg/Kg	11/15/99	EPA 6010
Boron (Total)		12.48	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		2.28	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		4009.83	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		44.30	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		13.20	mg/Kg	11/15/99	EPA 6010
Copper (Total)		755.64	mg/Kg	11/15/99	EPA 6010
Iron (Total)		24633.18	mg/Kg	11/15/99	EPA 6010
Lead (Total)		48.03	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2381.35	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		426.22	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		15.63	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2379.18	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		135.38	mg/Kg	11/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		280.54	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		50.54	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		319.48	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000394PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:25
Date/Time Received: 08/12/99 13:43

Sample Comments: N7639 E5500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		25195.94	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		10.76	mg/Kg	11/15/99	EPA 6010
Barium (Total)		200.43	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.24	mg/Kg	11/15/99	EPA 6010
Boron (Total)		12.60	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		3.69	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		72143.57	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		31.86	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		9.27	mg/Kg	11/15/99	EPA 6010
Copper (Total)		87.13	mg/Kg	11/15/99	EPA 6010
Iron (Total)		19813.38	mg/Kg	11/15/99	EPA 6010
Lead (Total)		86.70	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		3681.75	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		705.46	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		16.61	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2841.12	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		121.77	mg/Kg	11/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		253.97	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		37.31	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		544.90	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000416PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 09:50
Date/Time Received: 08/12/99 13:55

Sample Comments: N5200 E5600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18723.36	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		10.67	mg/Kg	11/19/99	EPA 6010
Barium (Total)		177.53	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		1.02	mg/Kg	11/19/99	EPA 6010
Boron (Total)		15.57	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		5.17	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		3142.99	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		35.26	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		12.19	mg/Kg	11/19/99	EPA 6010
Copper (Total)		114.36	mg/Kg	11/19/99	EPA 6010
Iron (Total)		27638.91	mg/Kg	11/19/99	EPA 6010
Lead (Total)		87.83	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1453.35	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		966.27	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		16.87	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1563.21	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		235.06	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		78.02	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		33.45	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		491.07	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000406PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:19
Date/Time Received: 08/12/99 13:35

Sample Comments: N5900 E5600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21418.23	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		6.61	mg/Kg	11/18/99	EPA 6010
Barium (Total)		148.25	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/18/99	EPA 6010
Boron (Total)		13.79	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		31.85	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		4584.63	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		31.61	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		11.62	mg/Kg	11/18/99	EPA 6010
Copper (Total)		27.25	mg/Kg	11/18/99	EPA 6010
Iron (Total)		21806.89	mg/Kg	11/18/99	EPA 6010
Lead (Total)		67.69	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		2348.72	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		1254.98	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		26.14	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		1875.49	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		141.63	mg/Kg	11/18/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		478.36	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		37.85	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		3079.10	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000407PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:25
Date/Time Received: 08/12/99 13:35

Sample Comments: N6000 E5600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		34807.77	mg/Kg	11/18/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/18/99	EPA 6010
Arsenic (Total)		7.14	mg/Kg	11/18/99	EPA 6010
Barium (Total)		145.36	mg/Kg	11/18/99	EPA 6010
Beryllium (Total)		1.06	mg/Kg	11/18/99	EPA 6010
Boron (Total)		20.93	mg/Kg	11/18/99	EPA 6010
Cadmium (Total)		71.02	mg/Kg	11/18/99	EPA 6010
Calcium (Total)		6293.93	mg/Kg	11/18/99	EPA 6010
Chromium (Total)		40.58	mg/Kg	11/18/99	EPA 6010
Cobalt (Total)		147.81	mg/Kg	11/18/99	EPA 6010
Copper (Total)		75.21	mg/Kg	11/18/99	EPA 6010
Iron (Total)		23381.67	mg/Kg	11/18/99	EPA 6010
Lead (Total)		84.48	mg/Kg	11/18/99	EPA 6010
Magnesium (Total)		3035.55	mg/Kg	11/18/99	EPA 6010
Manganese (Total)		3786.25	mg/Kg	11/18/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/18/99	EPA 6210
Nickel (Total)		60.42	mg/Kg	11/18/99	EPA 6210
Potassium (Total)		3341.72	mg/Kg	11/18/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Silica (Total)		250.16	mg/Kg	11/18/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/18/99	EPA 6210
Sodium (Total)		722.15	mg/Kg	11/18/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/18/99	EPA 6210
Vanadium (Total)		47.14	mg/Kg	11/18/99	EPA 6210
Zinc (Total)		10853.51	mg/Kg	11/18/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000396PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:49
Date/Time Received: 08/12/99 13:43

Sample Comments: N6900 E5600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		23821.93	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		20.37	mg/Kg	11/15/99	EPA 6010
Barium (Total)		278.72	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.76	mg/Kg	11/15/99	EPA 6010
Boron (Total)		10.28	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		45.60	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		4998.70	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		34.39	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		13.56	mg/Kg	11/15/99	EPA 6010
Copper (Total)		349.85	mg/Kg	11/15/99	EPA 6010
Iron (Total)		22758.68	mg/Kg	11/15/99	EPA 6010
Lead (Total)		211.93	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		1957.20	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		461.63	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		18.88	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		1683.82	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		183.29	mg/Kg	11/15/99	EPA 6210
Silver (Total)		5.49	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		218.21	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		34.44	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		1644.24	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000393PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:22
Date/Time Received: 08/12/99 13:43

Sample Comments: N7400 E5600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		28244.38	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		9.99	mg/Kg	11/15/99	EPA 6010
Barium (Total)		243.31	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.60	mg/Kg	11/15/99	EPA 6010
Boron (Total)		11.05	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		6.19	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		4482.31	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		36.66	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		11.38	mg/Kg	11/15/99	EPA 6010
Copper (Total)		171.23	mg/Kg	11/15/99	EPA 6010
Iron (Total)		21817.24	mg/Kg	11/15/99	EPA 6010
Lead (Total)		223.37	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2049.24	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		867.04	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		16.37	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2231.64	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		132.68	mg/Kg	11/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		200.60	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		46.47	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		923.16	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000410PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:32
Date/Time Received: 08/12/99 13:35

Sample Comments: N6000 E5700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13952.17	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		15.91	mg/Kg	11/19/99	EPA 6010
Barium (Total)		158.06	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.78	mg/Kg	11/19/99	EPA 6010
Boron (Total)		12.27	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		22.39	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		8356.96	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		27.79	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		10.65	mg/Kg	11/19/99	EPA 6010
Copper (Total)		185.79	mg/Kg	11/19/99	EPA 6010
Iron (Total)		20531.78	mg/Kg	11/19/99	EPA 6010
Lead (Total)		161.15	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1519.81	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		811.25	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		35.76	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1249.54	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		174.88	mg/Kg	11/19/99	EPA 6210
Silver (Total)		1.47	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		211.36	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		30.96	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		4918.12	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000364PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel Matrix: Soil Collect Depth: 0
Date/Time Collected: 08/11/99 11:38 Date/Time Received: 08/12/99 13:44

Sample Comments: N6900 E5700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		4307.88	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		238.82	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		0.528	mg/L	11/23/99	EPA 1311
Barium (Total)		45.76	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.23	mg/Kg	11/03/99	EPA 6010
Boron (Total)		20.55	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.069	mg/L	11/23/99	EPA 1311
Cadmium (Total)		4.47	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		453.04	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		40.76	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		20.55	mg/Kg	11/03/99	EPA 6010
Copper (Total)		2056.00	mg/Kg	11/03/99	EPA 6010
Iron (Total)		50694.19	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		0.113	mg/L	11/23/99	EPA 1311
Lead (Total)		275.84	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		232.19	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		161.62	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)	<	0.0500*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)		4.89	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		13.63	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		364.49	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		172.37	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		60.17	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		127.59	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		15.78	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		616.73	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000392PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:15
Date/Time Received: 08/12/99 13:43

Sample Comments: N7100 E5700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		31745.92	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		33.79	mg/Kg	11/15/99	EPA 6010
Barium (Total)		213.83	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		1.97	mg/Kg	11/15/99	EPA 6010
Boron (Total)		35.01	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		6.32	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		3084.20	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		93.71	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		26.58	mg/Kg	11/15/99	EPA 6010
Copper (Total)		101.47	mg/Kg	11/15/99	EPA 6010
Iron (Total)		85840.10	mg/Kg	11/15/99	EPA 6010
Lead (Total)		53.11	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2099.78	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		1816.98	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		49.91	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2724.00	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		212.32	mg/Kg	11/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		115.78	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		69.35	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		291.35	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000408PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:36
Date/Time Received: 08/12/99 13:35

Sample Comments: N6400 E5800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19396.37	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		10.02	mg/Kg	11/19/99	EPA 6010
Barium (Total)		177.14	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.70	mg/Kg	11/19/99	EPA 6010
Boron (Total)		13.44	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		9.21	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		3486.43	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		32.08	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		10.51	mg/Kg	11/19/99	EPA 6010
Copper (Total)		69.77	mg/Kg	11/19/99	EPA 6010
Iron (Total)		19965.64	mg/Kg	11/19/99	EPA 6010
Lead (Total)		264.16	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1626.53	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		651.51	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		11.63	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1763.67	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		186.90	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		155.33	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		41.24	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		1225.93	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000391PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:16
Date/Time Received: 08/12/99 13:44

Sample Comments: N7100 E5800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		29497.50	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		6.31	mg/Kg	11/15/99	EPA 6010
Barium (Total)		246.31	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.60	mg/Kg	11/15/99	EPA 6010
Boron (Total)		11.06	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		7.44	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		4632.45	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		36.96	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		19.43	mg/Kg	11/15/99	EPA 6010
Copper (Total)		48.72	mg/Kg	11/15/99	EPA 6010
Iron (Total)		21617.14	mg/Kg	11/15/99	EPA 6010
Lead (Total)		97.51	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2344.15	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		1186.83	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		17.43	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2301.84	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		152.12	mg/Kg	11/15/99	EPA 6210
Silver (Total)		20.04	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		154.99	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		46.21	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		909.32	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000409PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:35
Date/Time Received: 08/12/99 13:35

Sample Comments: N5700 E5900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20610.31	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		6.95	mg/Kg	11/19/99	EPA 6010
Barium (Total)		210.59	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.96	mg/Kg	11/19/99	EPA 6010
Boron (Total)		14.30	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		24.53	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		3433.18	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		36.11	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		9.01	mg/Kg	11/19/99	EPA 6010
Copper (Total)		35.92	mg/Kg	11/19/99	EPA 6010
Iron (Total)		25116.60	mg/Kg	11/19/99	EPA 6010
Lead (Total)		84.84	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1731.58	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		699.55	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		16.81	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1721.87	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		186.07	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		181.06	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		32.40	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		816.59	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000412PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:40
Date/Time Received: 08/12/99 13:35

Sample Comments: N6800 E5900A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20758.66	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		6.61	mg/Kg	11/19/99	EPA 6010
Barium (Total)		115.96	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.84	mg/Kg	11/19/99	EPA 6010
Boron (Total)		9.64	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		18.41	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		4603.31	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		28.99	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		7.93	mg/Kg	11/19/99	EPA 6010
Copper (Total)		181.24	mg/Kg	11/19/99	EPA 6010
Iron (Total)		16683.23	mg/Kg	11/19/99	EPA 6010
Lead (Total)		457.83	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1943.90	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		261.10	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		12.15	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1482.78	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		153.42	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		151.36	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		25.85	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		1904.26	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000413PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:40
Date/Time Received: 08/12/99 13:35

Sample Comments: N6800 E5900B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18852.84	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Barium (Total)		114.03	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.82	mg/Kg	11/19/99	EPA 6010
Boron (Total)		7.60	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		14.53	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		4384.97	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		25.54	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		5.54	mg/Kg	11/19/99	EPA 6010
Copper (Total)		133.32	mg/Kg	11/19/99	EPA 6010
Iron (Total)		14438.83	mg/Kg	11/19/99	EPA 6010
Lead (Total)		230.00	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1811.33	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		180.04	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		10.09	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1251.37	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		122.09	mg/Kg	11/19/99	EPA 6210
Silver (Total)		21.54	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		150.72	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		19.24	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		1318.17	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000296PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:00
Date/Time Received: 08/12/99 13:47

Sample Comments: N7300 E5900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9945.48	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		15.10	mg/Kg	09/15/99	EPA 6010
Barium (Total)		83.21	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)	<	0.10	mg/Kg	09/15/99	EPA 6010
Boron (Total)		7.72	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		18.94	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		3005.50	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		17.24	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		5.09	mg/Kg	09/15/99	EPA 6010
Copper (Total)		338.15	mg/Kg	09/15/99	EPA 6010
Iron (Total)		11254.23	mg/Kg	09/15/99	EPA 6010
Lead (Total)		1013.30	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		887.97	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		283.96	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		12.67	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		959.94	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		128.78	mg/Kg	09/15/99	EPA 6210
Silver (Total)		1.79	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		37.20	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		18.22	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		2675.68	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000390PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:05
Date/Time Received: 08/12/99 13:44

Sample Comments: N6700 E6000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		26833.96	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		13.05	mg/Kg	11/15/99	EPA 6010
Barium (Total)		267.86	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.73	mg/Kg	11/15/99	EPA 6010
Boron (Total)		13.71	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		76.21	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		4289.01	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		41.78	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		13.65	mg/Kg	11/15/99	EPA 6010
Copper (Total)		217.73	mg/Kg	11/15/99	EPA 6010
Iron (Total)		26624.78	mg/Kg	11/15/99	EPA 6010
Lead (Total)		806.63	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		1912.41	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		642.19	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		21.22	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2324.60	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		154.60	mg/Kg	11/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		183.98	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		49.02	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		9203.68	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000292PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:00
Date/Time Received: 08/12/99 13:47

Sample Comments: N7200 E6000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14810.57	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		18.75	mg/Kg	09/15/99	EPA 6010
Barium (Total)		150.46	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.27	mg/Kg	09/15/99	EPA 6010
Boron (Total)		10.51	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		24.21	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		3913.71	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		21.50	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		8.25	mg/Kg	09/15/99	EPA 6010
Copper (Total)		327.72	mg/Kg	09/15/99	EPA 6010
Iron (Total)		13010.11	mg/Kg	09/15/99	EPA 6010
Lead (Total)		1073.86	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		1300.43	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		467.32	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		15.24	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1471.12	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		144.08	mg/Kg	09/15/99	EPA 6210
Silver (Total)		1.73	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		52.45	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		25.42	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		2798.36	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000295PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:16
Date/Time Received: 08/12/99 13:47

Sample Comments: N7500 E6000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21879.20	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		194.96	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.60	mg/Kg	09/15/99	EPA 6010
Boron (Total)		8.70	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		1.69	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		4822.50	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		27.63	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		5.16	mg/Kg	09/15/99	EPA 6010
Copper (Total)		19.95	mg/Kg	09/15/99	EPA 6010
Iron (Total)		15346.07	mg/Kg	09/15/99	EPA 6010
Lead (Total)		41.30	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2183.94	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		297.38	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		12.71	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1573.60	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		169.37	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		153.46	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		27.85	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		251.28	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000419PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 09:05
Date/Time Received: 08/12/99 13:55

Sample Comments: N5315 E6100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		24147.34	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		15.93	mg/Kg	11/19/99	EPA 6010
Barium (Total)		163.94	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		1.00	mg/Kg	11/19/99	EPA 6010
Boron (Total)		20.65	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		69.10	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		2520.14	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		58.83	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		17.77	mg/Kg	11/19/99	EPA 6010
Copper (Total)		496.43	mg/Kg	11/19/99	EPA 6010
Iron (Total)		31659.68	mg/Kg	11/19/99	EPA 6010
Lead (Total)		2195.34	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1542.58	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		1567.22	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		24.87	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		2574.22	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		241.36	mg/Kg	11/19/99	EPA 6210
Silver (Total)		1.77	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		146.08	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		52.79	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		2878.58	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000385PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:38
Date/Time Received: 08/12/99 13:44

Sample Comments: N6300 E6100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22683.33	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		12.17	mg/Kg	11/08/99	EPA 6010
Barium (Total)		201.31	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		1.06	mg/Kg	11/08/99	EPA 6010
Boron (Total)		16.92	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		31.81	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4234.91	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		50.36	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		11.32	mg/Kg	11/08/99	EPA 6010
Copper (Total)		88.49	mg/Kg	11/08/99	EPA 6010
Iron (Total)		35149.40	mg/Kg	11/08/99	EPA 6010
Lead (Total)		106.07	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		2261.51	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		1094.05	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		22.32	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		2068.87	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		198.64	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		228.13	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		50.81	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1288.04	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000293PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:59
Date/Time Received: 08/12/99 13:47

Sample Comments: N7100 E6100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19500.02	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		5.43	mg/Kg	09/15/99	EPA 6010
Barium (Total)		153.82	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.49	mg/Kg	09/15/99	EPA 6010
Boron (Total)		8.65	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		8.96	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		3955.50	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		25.68	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		5.19	mg/Kg	09/15/99	EPA 6010
Copper (Total)		42.86	mg/Kg	09/15/99	EPA 6010
Iron (Total)		13421.60	mg/Kg	09/15/99	EPA 6010
Lead (Total)		191.16	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		1683.54	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		326.40	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		12.88	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		2153.87	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		132.73	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		52.12	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		30.45	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		1259.28	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000417PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 09:40
Date/Time Received: 08/12/99 13:55

Sample Comments: N5000 E6200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15275.08	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		17.06	mg/Kg	11/19/99	EPA 6010
Barium (Total)		182.91	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.71	mg/Kg	11/19/99	EPA 6010
Boron (Total)		13.28	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		6.50	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		55776.27	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		28.27	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		17.94	mg/Kg	11/19/99	EPA 6010
Copper (Total)		117.79	mg/Kg	11/19/99	EPA 6010
Iron (Total)		21975.92	mg/Kg	11/19/99	EPA 6010
Lead (Total)		153.77	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		2710.19	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		1171.03	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		15.30	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1677.46	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		243.31	mg/Kg	11/19/99	EPA 6210
Silver (Total)		1.12	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		100.97	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		32.20	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		1344.98	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000387PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:42
Date/Time Received: 08/12/99 13:44

Sample Comments: N6100 E6200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		28043.17	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		12.24	mg/Kg	11/15/99	EPA 6010
Barium (Total)		300.54	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.58	mg/Kg	11/15/99	EPA 6010
Boron (Total)		19.55	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		9.88	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		4618.25	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		51.00	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		13.09	mg/Kg	11/15/99	EPA 6010
Copper (Total)		33.03	mg/Kg	11/15/99	EPA 6010
Iron (Total)		36944.63	mg/Kg	11/15/99	EPA 6010
Lead (Total)		67.33	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2345.30	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		944.85	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		22.54	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2797.89	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		174.66	mg/Kg	11/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		140.79	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		68.96	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		959.96	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000389PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:03
Date/Time Received: 08/12/99 13:44

Sample Comments: N6600 E6170

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		25931.63	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		11.34	mg/Kg	11/15/99	EPA 6010
Barium (Total)		183.23	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.17	mg/Kg	11/15/99	EPA 6010
Boron (Total)		13.39	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		122.40	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		5232.14	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		33.80	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		7.10	mg/Kg	11/15/99	EPA 6010
Copper (Total)		418.61	mg/Kg	11/15/99	EPA 6010
Iron (Total)		18491.03	mg/Kg	11/15/99	EPA 6010
Lead (Total)		1477.84	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2200.52	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		412.59	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		18.92	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2579.55	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		134.98	mg/Kg	11/15/99	EPA 6210
Silver (Total)		1.46	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		182.23	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		39.39	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		7515.47	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000366PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:25
Date/Time Received: 08/12/99 13:44

Sample Comments: N6800 E6200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18254.89	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		9.25	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		1.330	mg/L	11/23/99	EPA 1311
Barium (Total)		176.22	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.69	mg/Kg	11/05/99	EPA 6010
Boron (Total)		7.73	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.107	mg/L	11/23/99	EPA 1311
Cadmium (Total)		9.96	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		3427.28	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		26.20	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		4.51	mg/Kg	11/05/99	EPA 6010
Copper (Total)		145.49	mg/Kg	11/05/99	EPA 6010
Iron (Total)		14950.83	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.306	mg/L	11/23/99	EPA 1311
Lead (Total)		527.73	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1721.46	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		204.45	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)		0.0007*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1495*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		11.69	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1332.83	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		145.59	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		159.37	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		30.02	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1995.91	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000291PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:55
Date/Time Received: 08/12/99 13:47

Sample Comments: N7000 E6200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11795.75	mg/Kg	09/15/99	EPA 6010
Antimony (Total)		5.50	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		92.32	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)	<	0.10	mg/Kg	09/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		9.11	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		2497.17	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		18.92	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		4.24	mg/Kg	09/15/99	EPA 6010
Copper (Total)		33.52	mg/Kg	09/15/99	EPA 6010
Iron (Total)		11394.18	mg/Kg	09/15/99	EPA 6010
Lead (Total)		205.82	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		954.73	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		320.64	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		6.90	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		906.55	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		121.89	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		55.95	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		23.48	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		1596.21	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/07/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000420PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 09:00
Date/Time Received: 08/12/99 13:55

Sample Comments: N5800 E6300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20397.47	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Barium (Total)		141.61	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.89	mg/Kg	11/19/99	EPA 6010
Boron (Total)		11.11	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		2.77	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		4523.88	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		29.18	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		8.04	mg/Kg	11/19/99	EPA 6010
Copper (Total)		15.92	mg/Kg	11/19/99	EPA 6010
Iron (Total)		18975.80	mg/Kg	11/19/99	EPA 6010
Lead (Total)		26.36	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1753.49	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		815.99	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		13.67	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1728.41	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		144.74	mg/Kg	11/19/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		275.60	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		25.97	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		450.58	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000386PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:41
Date/Time Received: 08/12/99 13:44

Sample Comments: N6600 E6300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		23398.98	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		6.11	mg/Kg	11/08/99	EPA 6010
Barium (Total)		155.97	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		0.87	mg/Kg	11/08/99	EPA 6010
Boron (Total)		7.06	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		11.72	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4094.61	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		30.43	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		7.10	mg/Kg	11/08/99	EPA 6010
Copper (Total)		58.38	mg/Kg	11/08/99	EPA 6010
Iron (Total)		18481.28	mg/Kg	11/08/99	EPA 6010
Lead (Total)		228.51	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		1994.32	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		461.96	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		13.19	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1613.98	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		178.23	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		82.24	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		33.64	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1667.10	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

< - Not Detected at Indicated Level
* - Holding Time Exceeded

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000348PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:37
Date/Time Received: 08/12/99 13:45

Sample Comments: N6700 E6300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		8060.03	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)		72.00	mg/Kg	11/02/99	EPA 6010
Barium (Total)		162.08	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.66	mg/Kg	11/02/99	EPA 6010
Boron (Total)		18.87	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		63.19	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		5767.56	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		26.45	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		11.84	mg/Kg	11/02/99	EPA 6010
Copper (Total)		633.99	mg/Kg	11/02/99	EPA 6010
Iron (Total)		26815.36	mg/Kg	11/02/99	EPA 6010
Lead (Total)		2925.66	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		1294.17	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		485.69	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		27.31	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1035.49	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		195.82	mg/Kg	11/02/99	EPA 6210
Silver (Total)		21.41	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		134.02	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		22.45	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		16596.98	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000421PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 08:48
Date/Time Received: 08/12/99 13:55

Sample Comments: N6500 E6400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13908.36	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (Total)		13.70	mg/Kg	11/19/99	EPA 6010
Barium (Total)		124.77	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.70	mg/Kg	11/19/99	EPA 6010
Boron (Total)		10.59	mg/Kg	11/19/99	EPA 6010
Cadmium (Total)		27.14	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		2933.94	mg/Kg	11/19/99	EPA 6010
Chromium (Total)		24.49	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		4.58	mg/Kg	11/19/99	EPA 6010
Copper (Total)		187.37	mg/Kg	11/19/99	EPA 6010
Iron (Total)		16808.20	mg/Kg	11/19/99	EPA 6010
Lead (Total)		927.08	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		1178.96	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		265.11	mg/Kg	11/19/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		14.51	mg/Kg	11/19/99	EPA 6210
Potassium (Total)		1335.47	mg/Kg	11/19/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		185.35	mg/Kg	11/19/99	EPA 6210
Silver (Total)		1.59	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		100.65	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		22.43	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		8259.83	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/23/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000349PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:38
Date/Time Received: 08/12/99 13:45

Sample Comments: N6600 E6380

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		6126.41	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)		33.93	mg/Kg	11/02/99	EPA 6010
Barium (Total)		251.20	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.31	mg/Kg	11/02/99	EPA 6010
Boron (Total)		18.66	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		77.69	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		3097.11	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		28.30	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		11.98	mg/Kg	11/02/99	EPA 6010
Copper (Total)		579.32	mg/Kg	11/02/99	EPA 6010
Iron (Total)		35633.91	mg/Kg	11/02/99	EPA 6010
Lead (Total)		3115.81	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		664.19	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		316.16	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		27.64	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		455.73	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		258.32	mg/Kg	11/02/99	EPA 6210
Silver (Total)		3.01	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		236.78	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		19.42	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		25292.68	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000347PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:31
Date/Time Received: 08/12/99 13:45

Sample Comments: N6800 E6400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20224.96	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)		5.49	mg/Kg	11/02/99	EPA 6010
Barium (Total)		224.79	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.81	mg/Kg	11/02/99	EPA 6010
Boron (Total)		7.00	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		6.44	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		4519.28	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		26.05	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		7.12	mg/Kg	11/02/99	EPA 6010
Copper (Total)		34.93	mg/Kg	11/02/99	EPA 6010
Iron (Total)		16404.21	mg/Kg	11/02/99	EPA 6010
Lead (Total)		118.71	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		1931.80	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		402.39	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		13.58	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1355.67	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		181.77	mg/Kg	11/02/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		94.66	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		23.57	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		1078.94	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000297PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:10
Date/Time Received: 08/12/99 13:47

Sample Comments: N7300 E6400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17603.74	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		221.00	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.42	mg/Kg	09/15/99	EPA 6010
Boron (Total)		10.71	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		0.86	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		7058.35	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		21.32	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		4.98	mg/Kg	09/15/99	EPA 6010
Copper (Total)		12.64	mg/Kg	09/15/99	EPA 6010
Iron (Total)		12585.45	mg/Kg	09/15/99	EPA 6010
Lead (Total)		16.62	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		1920.70	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		522.78	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		11.97	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1410.86	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		139.48	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		70.38	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		23.63	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		133.21	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000383PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:27
Date/Time Received: 08/12/99 13:44

Sample Comments: N5500 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		27077.85	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		19.73	mg/Kg	11/08/99	EPA 6010
Barium (Total)		224.66	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		1.26	mg/Kg	11/08/99	EPA 6010
Boron (Total)		11.61	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		460.73	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4863.71	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		34.09	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		11.45	mg/Kg	11/08/99	EPA 6010
Copper (Total)		1048.87	mg/Kg	11/08/99	EPA 6010
Iron (Total)		19271.66	mg/Kg	11/08/99	EPA 6010
Lead (Total)		3289.86	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		2270.54	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		1415.00	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		24.60	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		2489.61	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		232.26	mg/Kg	11/08/99	EPA 6210
Silver (Total)		9.38	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		246.94	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		31.47	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		10005.21	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000381PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:14
Date/Time Received: 08/12/99 13:44

Sample Comments: N5500 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		23047.37	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		19.21	mg/Kg	11/08/99	EPA 6010
Barium (Total)		217.82	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		1.11	mg/Kg	11/08/99	EPA 6010
Boron (Total)		9.66	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		384.61	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4403.82	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		30.07	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		7.94	mg/Kg	11/08/99	EPA 6010
Copper (Total)		937.27	mg/Kg	11/08/99	EPA 6010
Iron (Total)		17817.01	mg/Kg	11/08/99	EPA 6010
Lead (Total)		2751.00	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		1969.51	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		892.84	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		21.80	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		2262.06	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		325.03	mg/Kg	11/08/99	EPA 6210
Silver (Total)		8.13	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		186.58	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		28.29	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		9225.59	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000382PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:17
Date/Time Received: 08/12/99 13:44

Sample Comments: N5800 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20893.60	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		5.31	mg/Kg	11/08/99	EPA 6010
Barium (Total)		274.71	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		0.87	mg/Kg	11/08/99	EPA 6010
Boron (Total)		9.17	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		5.09	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4686.51	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		29.49	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		9.92	mg/Kg	11/08/99	EPA 6010
Copper (Total)		21.86	mg/Kg	11/08/99	EPA 6010
Iron (Total)		19176.10	mg/Kg	11/08/99	EPA 6010
Lead (Total)		40.03	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		2145.27	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		806.26	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		15.00	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1750.15	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		212.94	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		92.56	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		33.90	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		705.88	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000384PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:24
Date/Time Received: 08/12/99 13:44

Sample Comments: N6100 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21036.49	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Barium (Total)		213.39	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		0.80	mg/Kg	11/08/99	EPA 6010
Boron (Total)		8.37	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		14.73	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4780.18	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		27.95	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		5.65	mg/Kg	11/08/99	EPA 6010
Copper (Total)		32.24	mg/Kg	11/08/99	EPA 6010
Iron (Total)		17420.50	mg/Kg	11/08/99	EPA 6010
Lead (Total)		84.61	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		2188.07	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		528.46	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		13.50	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1932.76	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		193.86	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		168.16	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		29.95	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1043.33	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000361PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:43
Date/Time Received: 08/12/99 13:45

Sample Comments: N6400 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16610.80	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		13.93	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.561	mg/L	11/23/99	EPA 1311
Barium (Total)		186.52	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.74	mg/Kg	11/03/99	EPA 6010
Boron (Total)		8.74	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		5.992	mg/L	11/23/99	EPA 1311
Cadmium (Total)		147.29	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4611.19	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		24.44	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		10.59	mg/Kg	11/03/99	EPA 6010
Copper (Total)		389.43	mg/Kg	11/03/99	EPA 6010
Iron (Total)		17387.83	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		8.687	mg/L	11/23/99	EPA 1311
Lead (Total)		2198.24	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1631.55	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1052.52	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.3058*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		22.90	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1357.07	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.085	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		221.56	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		2.06	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		190.07	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		24.87	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		20465.98	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000344PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:23
Date/Time Received: 08/12/99 13:45

Sample Comments: N6600 E6505

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15164.37	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		141.45	mg/Kg	10/25/99	EPA 6010
Barium (Total)		138.52	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.55	mg/Kg	10/25/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		14.55	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		2471.76	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		28.42	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		18.23	mg/Kg	10/25/99	EPA 6010
Copper (Total)		535.21	mg/Kg	10/25/99	EPA 6010
Iron (Total)		28623.27	mg/Kg	10/25/99	EPA 6010
Lead (Total)		679.68	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1162.59	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		710.19	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		20.52	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1101.06	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		172.84	mg/Kg	10/25/99	EPA 6210
Silver (Total)		7.83	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		20.74	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		28.16	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		1930.52	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000345PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:26
Date/Time Received: 08/12/99 13:45

Sample Comments: N6800 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		27582.89	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Barium (Total)		342.58	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.95	mg/Kg	11/02/99	EPA 6010
Boron (Total)		10.27	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		1.44	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		5863.50	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		34.55	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		6.79	mg/Kg	11/02/99	EPA 6010
Copper (Total)		17.21	mg/Kg	11/02/99	EPA 6010
Iron (Total)		19315.02	mg/Kg	11/02/99	EPA 6010
Lead (Total)		19.69	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		2834.49	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		490.20	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		19.42	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1741.98	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		105.29	mg/Kg	11/02/99	EPA 6210
Silver (Total)		2.93	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		197.69	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		27.71	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		222.06	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000346PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:27
Date/Time Received: 08/12/99 13:45

Sample Comments: N6900 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19666.32	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Barium (Total)		337.11	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.94	mg/Kg	11/02/99	EPA 6010
Boron (Total)		7.43	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		0.93	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		6636.38	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		25.34	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		9.42	mg/Kg	11/02/99	EPA 6010
Copper (Total)		16.55	mg/Kg	11/02/99	EPA 6010
Iron (Total)		17643.14	mg/Kg	11/02/99	EPA 6010
Lead (Total)		27.24	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		2261.60	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		448.78	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		16.29	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1158.12	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		118.81	mg/Kg	11/02/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		129.95	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		20.37	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		178.98	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000360PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:09
Date/Time Received: 08/12/99 13:45

Sample Comments: N5000 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		4669.71	mg/Kg	11/03/99	EPA 6010
Antimony (Total)		5.06	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		306.15	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.472	mg/L	11/23/99	EPA 1311
Barium (Total)		130.63	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.38	mg/Kg	11/03/99	EPA 6010
Boron (Total)		24.17	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		3.546	mg/L	11/23/99	EPA 1311
Cadmium (Total)		103.06	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		2301.08	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		37.06	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		54.53	mg/Kg	11/03/99	EPA 6010
Copper (Total)		8813.83	mg/Kg	11/03/99	EPA 6010
Iron (Total)		51918.84	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		283.437	mg/L	11/23/99	EPA 1311
Lead (Total)		14794.17	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		938.48	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		320.03	mg/Kg	11/03/99	EPA 6010
Mercury		3.0878	mg/L	09/17/99	EPA 245.2
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Molybdenum (Total)		23.06	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		115.40	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		340.85	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.103	mg/L	11/23/99	EPA 1311
Selenium (Total)		12.09	mg/Kg	11/03/99	EPA 6210
Silica (Total)		240.70	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)		0.014	mg/L	11/23/99	EPA 1311
Silver (Total)		64.38	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		156.16	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		11.42	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		24171.48	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000376PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:04
Date/Time Received: 08/12/99 13:44

Sample Comments: N5300 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20321.48	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		9.80	mg/Kg	11/08/99	EPA 6010
Barium (Total)		216.65	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/08/99	EPA 6010
Boron (Total)		11.76	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		12.41	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		3908.45	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		31.91	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		11.56	mg/Kg	11/08/99	EPA 6010
Copper (Total)		69.78	mg/Kg	11/08/99	EPA 6010
Iron (Total)		22955.50	mg/Kg	11/08/99	EPA 6010
Lead (Total)		162.18	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		1908.85	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		1134.31	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		17.02	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		2334.11	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		218.66	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		92.71	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		38.09	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1214.97	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000388PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:54
Date/Time Received: 08/12/99 13:44

Sample Comments: N6300 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		29289.54	mg/Kg	11/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/15/99	EPA 6010
Arsenic (Total)		11.98	mg/Kg	11/15/99	EPA 6010
Barium (Total)		243.92	mg/Kg	11/15/99	EPA 6010
Beryllium (Total)		0.50	mg/Kg	11/15/99	EPA 6010
Boron (Total)		13.16	mg/Kg	11/15/99	EPA 6010
Cadmium (Total)		115.23	mg/Kg	11/15/99	EPA 6010
Calcium (Total)		3185.74	mg/Kg	11/15/99	EPA 6010
Chromium (Total)		39.92	mg/Kg	11/15/99	EPA 6010
Cobalt (Total)		9.79	mg/Kg	11/15/99	EPA 6010
Copper (Total)		338.10	mg/Kg	11/15/99	EPA 6010
Iron (Total)		21900.62	mg/Kg	11/15/99	EPA 6010
Lead (Total)		798.04	mg/Kg	11/15/99	EPA 6010
Magnesium (Total)		2144.58	mg/Kg	11/15/99	EPA 6010
Manganese (Total)		374.47	mg/Kg	11/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/15/99	EPA 6210
Nickel (Total)		21.39	mg/Kg	11/15/99	EPA 6210
Potassium (Total)		2865.87	mg/Kg	11/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Silica (Total)		164.03	mg/Kg	11/15/99	EPA 6210
Silver (Total)		1.06	mg/Kg	11/15/99	EPA 6210
Sodium (Total)		211.28	mg/Kg	11/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/15/99	EPA 6210
Vanadium (Total)		43.73	mg/Kg	11/15/99	EPA 6210
Zinc (Total)		8280.09	mg/Kg	11/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/17/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000424PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 08:50
Date/Time Received: 08/12/99 13:55

Sample Comments: N6400 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		7800.54	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (TCLP)		0.121	mg/L	11/23/99	EPA 1311
Arsenic (Total)		50.18	mg/Kg	11/19/99	EPA 6010
Barium (TCLP)		0.472	mg/L	11/23/99	EPA 1311
Barium (Total)		95.63	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.62	mg/Kg	11/19/99	EPA 6010
Boron (Total)		17.52	mg/Kg	11/19/99	EPA 6010
Cadmium (TCLP)		0.011	mg/L	11/23/99	EPA 1311
Cadmium (Total)		119.19	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		4570.04	mg/Kg	11/19/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		31.32	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		8.72	mg/Kg	11/19/99	EPA 6010
Copper (Total)		553.73	mg/Kg	11/19/99	EPA 6010
Iron (Total)		27031.95	mg/Kg	11/19/99	EPA 6010
Lead (TCLP)		0.449	mg/L	11/23/99	EPA 1311
Lead (Total)		2963.11	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		922.06	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		361.77	mg/Kg	11/19/99	EPA 6010
Mercury (TCLP)		0.0016*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.5664*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		25.54	mg/Kg	11/19/99	EPA 6210
Percent Solids		100.00	Percent	09/24/99	EPA 1311
Potassium (Total)		749.43	mg/Kg	11/19/99	EPA 6210
Selenium (TCLP)		0.051	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		190.43	mg/Kg	11/19/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		3.67	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		145.59	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		20.76	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		21146.08	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000342PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:19
Date/Time Received: 08/12/99 13:45

Sample Comments: N6500 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19023.37	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		28.75	mg/Kg	10/25/99	EPA 6010
Barium (Total)		232.15	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		1.00	mg/Kg	10/25/99	EPA 6010
Boron (Total)		4.12	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		23.83	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		2769.66	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		35.40	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		32.30	mg/Kg	10/25/99	EPA 6010
Copper (Total)		220.91	mg/Kg	10/25/99	EPA 6010
Iron (Total)		36666.58	mg/Kg	10/25/99	EPA 6010
Lead (Total)		1416.74	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1442.47	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		2443.62	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		27.88	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1301.81	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		206.68	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		12.76	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		51.52	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		4753.67	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000343PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:21
Date/Time Received: 08/12/99 13:45

Sample Comments: N6600 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		33994.32	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		14.28	mg/Kg	10/25/99	EPA 6010
Barium (Total)		293.62	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		1.27	mg/Kg	10/25/99	EPA 6010
Boron (Total)		6.16	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		13.01	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		5388.72	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		44.45	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		33.20	mg/Kg	10/25/99	EPA 6010
Copper (Total)		69.30	mg/Kg	10/25/99	EPA 6010
Iron (Total)		32494.70	mg/Kg	10/25/99	EPA 6010
Lead (Total)		524.96	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2520.05	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		2800.40	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		30.08	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		2045.30	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		191.79	mg/Kg	10/25/99	EPA 6210
Silver (Total)		6.90	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		77.71	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		54.39	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		1797.33	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000378PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:59
Date/Time Received: 08/12/99 13:44

Sample Comments: N5500 E6700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13531.04	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		8.56	mg/Kg	11/08/99	EPA 6010
Barium (Total)		136.56	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		0.72	mg/Kg	11/08/99	EPA 6010
Boron (Total)		6.89	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		20.71	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		3373.00	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		24.10	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		10.27	mg/Kg	11/08/99	EPA 6010
Copper (Total)		77.20	mg/Kg	11/08/99	EPA 6010
Iron (Total)		17749.42	mg/Kg	11/08/99	EPA 6010
Lead (Total)		295.88	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		1193.88	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		815.49	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		13.73	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1239.99	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		332.78	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		92.38	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		31.40	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		2035.00	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000371PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:11
Date/Time Received: 08/12/99 13:44

Sample Comments: N6200 E6700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13144.35	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		77.29	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		0.428	mg/L	11/23/99	EPA 1311
Barium (Total)		510.26	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.34	mg/Kg	11/05/99	EPA 6010
Boron (Total)		25.77	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.104	mg/L	11/23/99	EPA 1311
Cadmium (Total)		3346.97	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		9787.19	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		41.46	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		23.17	mg/Kg	11/05/99	EPA 6010
Copper (Total)		2430.48	mg/Kg	11/05/99	EPA 6010
Iron (Total)		39781.37	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.436	mg/L	11/23/99	EPA 1311
Lead (Total)		22354.30	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1241.51	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		910.10	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)		0.0028*	mg/L	09/22/99	EPA 1311
Mercury (Total)		3.5291*	mg/Kg	09/17/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		50.04	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		755.81	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)		0.215	mg/L	11/23/99	EPA 1311
Selenium (Total)		15.50	mg/Kg	11/05/99	EPA 6210
Silica (Total)		362.83	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		20.69	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		337.90	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		34.13	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		63528.65	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

< - Not Detected at Indicated Level
* - Holding Time Exceeded

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000375PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:55
Date/Time Received: 08/12/99 13:44

Sample Comments: N5100 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		33218.45	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		6.42	mg/Kg	11/08/99	EPA 6010
Barium (Total)		277.16	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		1.09	mg/Kg	11/08/99	EPA 6010
Boron (Total)		13.13	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		32.15	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4898.97	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		40.63	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		7.27	mg/Kg	11/08/99	EPA 6010
Copper (Total)		175.82	mg/Kg	11/08/99	EPA 6010
Iron (Total)		22650.40	mg/Kg	11/08/99	EPA 6010
Lead (Total)		431.73	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		2818.54	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		460.29	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		22.43	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		2561.56	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		273.03	mg/Kg	11/08/99	EPA 6210
Silver (Total)		1.41	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		114.18	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		38.38	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1208.14	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000379PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:56
Date/Time Received: 08/12/99 13:44

Sample Comments: N5200 F6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22717.19	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		14.35	mg/Kg	11/08/99	EPA 6010
Barium (Total)		223.19	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		0.92	mg/Kg	11/08/99	EPA 6010
Boron (Total)		9.85	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		112.84	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		5052.11	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		31.83	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		8.96	mg/Kg	11/08/99	EPA 6010
Copper (Total)		156.79	mg/Kg	11/08/99	EPA 6010
Iron (Total)		20598.90	mg/Kg	11/08/99	EPA 6010
Lead (Total)		605.00	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		2328.38	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		892.51	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		18.95	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1720.78	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		218.16	mg/Kg	11/08/99	EPA 6210
Silver (Total)		1.35	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		112.64	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		33.23	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1746.56	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000374PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:53
Date/Time Received: 08/12/99 13:44

Sample Comments: N5300 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19000.22	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (Total)		11.73	mg/Kg	11/05/99	EPA 6010
Barium (Total)		251.11	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		1.02	mg/Kg	11/05/99	EPA 6010
Boron (Total)		10.64	mg/Kg	11/05/99	EPA 6010
Cadmium (Total)		105.79	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		5020.55	mg/Kg	11/05/99	EPA 6010
Chromium (Total)		31.40	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		31.44	mg/Kg	11/05/99	EPA 6010
Copper (Total)		149.44	mg/Kg	11/05/99	EPA 6010
Iron (Total)		23174.62	mg/Kg	11/05/99	EPA 6010
Lead (Total)		559.60	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1595.33	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		2587.79	mg/Kg	11/05/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		27.77	mg/Kg	11/05/99	EPA 6210
Potassium (Total)		1595.02	mg/Kg	11/05/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		222.96	mg/Kg	11/05/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		88.31	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		41.45	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		3104.05	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000377PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:01
Date/Time Received: 08/12/99 13:44

Sample Comments: N5600 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		24168.94	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		11.48	mg/Kg	11/08/99	EPA 6010
Barium (Total)		735.73	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		1.17	mg/Kg	11/08/99	EPA 6010
Boron (Total)		10.82	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		9.99	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		4408.90	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		34.86	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		11.03	mg/Kg	11/08/99	EPA 6010
Copper (Total)		67.66	mg/Kg	11/08/99	EPA 6010
Iron (Total)		25698.43	mg/Kg	11/08/99	EPA 6010
Lead (Total)		2704.00	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		1969.55	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		838.29	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		16.98	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1786.14	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		170.92	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		100.66	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		43.65	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		1230.29	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000380PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:06
Date/Time Received: 08/12/99 13:44

Sample Comments: N5700 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17830.55	mg/Kg	11/08/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/08/99	EPA 6010
Arsenic (Total)		6.40	mg/Kg	11/08/99	EPA 6010
Barium (Total)		274.69	mg/Kg	11/08/99	EPA 6010
Beryllium (Total)		1.15	mg/Kg	11/08/99	EPA 6010
Boron (Total)		8.18	mg/Kg	11/08/99	EPA 6010
Cadmium (Total)		2.69	mg/Kg	11/08/99	EPA 6010
Calcium (Total)		6966.66	mg/Kg	11/08/99	EPA 6010
Chromium (Total)		33.52	mg/Kg	11/08/99	EPA 6010
Cobalt (Total)		8.30	mg/Kg	11/08/99	EPA 6010
Copper (Total)		18.68	mg/Kg	11/08/99	EPA 6010
Iron (Total)		25171.64	mg/Kg	11/08/99	EPA 6010
Lead (Total)		33.45	mg/Kg	11/08/99	EPA 6010
Magnesium (Total)		1976.40	mg/Kg	11/08/99	EPA 6010
Manganese (Total)		742.47	mg/Kg	11/08/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/08/99	EPA 6210
Nickel (Total)		18.99	mg/Kg	11/08/99	EPA 6210
Potassium (Total)		1197.56	mg/Kg	11/08/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Silica (Total)		196.49	mg/Kg	11/08/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/08/99	EPA 6210
Sodium (Total)		125.73	mg/Kg	11/08/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/08/99	EPA 6210
Vanadium (Total)		31.40	mg/Kg	11/08/99	EPA 6210
Zinc (Total)		644.31	mg/Kg	11/08/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/11/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000340PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:00
Date/Time Received: 08/12/99 13:45

Sample Comments: N6100 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15333.42	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		36.24	mg/Kg	10/25/99	EPA 6010
Barium (Total)		464.75	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.71	mg/Kg	10/25/99	EPA 6010
Boron (Total)		12.70	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		155.88	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		2795.75	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		36.45	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		36.05	mg/Kg	10/25/99	EPA 6010
Copper (Total)		1105.65	mg/Kg	10/25/99	EPA 6010
Iron (Total)		40179.50	mg/Kg	10/25/99	EPA 6010
Lead (Total)		4399.27	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1209.80	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1895.69	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		46.35	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		844.67	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		371.56	mg/Kg	10/25/99	EPA 6210
Silver (Total)		1.87	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		196.91	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		42.46	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		31655.05	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000339PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 06:55
Date/Time Received: 08/12/99 13:45

Sample Comments: N6200 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21933.88	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		20.77	mg/Kg	10/25/99	EPA 6010
Barium (Total)		206.71	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		1.32	mg/Kg	10/25/99	EPA 6010
Boron (Total)		8.38	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		32.94	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		4322.19	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		35.64	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		16.66	mg/Kg	10/25/99	EPA 6010
Copper (Total)		176.88	mg/Kg	10/25/99	EPA 6010
Iron (Total)		33289.30	mg/Kg	10/25/99	EPA 6010
Lead (Total)		889.52	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2130.21	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1243.82	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		22.81	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1367.13	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		218.85	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		88.00	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		57.21	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		4186.20	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000369PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 06:57
Date/Time Received: 08/12/99 13:44

Sample Comments: N6300 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15694.50	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		34.81	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		0.995	mg/L	11/23/99	EPA 1311
Barium (Total)		136.99	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/05/99	EPA 6010
Boron (Total)		7.92	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.576	mg/L	11/23/99	EPA 1311
Cadmium (Total)		42.50	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		4908.84	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		25.47	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		12.06	mg/Kg	11/05/99	EPA 6010
Copper (Total)		970.22	mg/Kg	11/05/99	EPA 6010
Iron (Total)		18318.03	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		4.598	mg/L	11/23/99	EPA 1311
Lead (Total)		3698.77	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1743.55	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		1085.45	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.6017*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		21.66	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1115.13	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		200.68	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		4.29	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		136.75	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		28.74	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		10277.44	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000341PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:03
Date/Time Received: 08/12/99 13:45

Sample Comments: N6400 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21462.55	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		24.47	mg/Kg	10/25/99	EPA 6010
Barium (Total)		190.43	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.98	mg/Kg	10/25/99	EPA 6010
Boron (Total)		2.19	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		40.76	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		11737.15	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		33.55	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		18.48	mg/Kg	10/25/99	EPA 6010
Copper (Total)		180.34	mg/Kg	10/25/99	EPA 6010
Iron (Total)		27050.06	mg/Kg	10/25/99	EPA 6010
Lead (Total)		1699.81	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2020.58	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1879.17	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		23.76	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1378.91	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		232.70	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		200.56	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		48.86	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		8907.67	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000287PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:27
Date/Time Received: 08/12/99 13:48

Sample Comments: N7400 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20747.86	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		7.48	mg/Kg	09/15/99	EPA 6010
Barium (Total)		257.84	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.86	mg/Kg	09/15/99	EPA 6010
Boron (Total)		20.46	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		0.96	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		5893.07	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		32.53	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		10.03	mg/Kg	09/15/99	EPA 6010
Copper (Total)		16.88	mg/Kg	09/15/99	EPA 6010
Iron (Total)		19803.68	mg/Kg	09/15/99	EPA 6010
Lead (Total)		32.94	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2085.02	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		1295.27	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		17.98	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1394.43	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		123.86	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		128.59	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		33.71	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		59.31	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000362PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N5300 E6900A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17265.34	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		35.41	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.180	mg/L	11/23/99	EPA 1311
Barium (Total)		171.68	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.51	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		2.679	mg/L	11/23/99	EPA 1311
Cadmium (Total)		86.12	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		26616.07	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		28.91	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		8.66	mg/Kg	11/03/99	EPA 6010
Copper (Total)		1639.52	mg/Kg	11/03/99	EPA 6010
Iron (Total)		20663.06	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		69.294	mg/L	11/23/99	EPA 1311
Lead (Total)		7892.89	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		2094.46	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		683.45	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.4435*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		24.90	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1321.33	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.099	mg/L	11/23/99	EPA 1311
Selenium (Total)		14.57	mg/Kg	11/03/99	EPA 6210
Silica (Total)		170.61	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)		0.048	mg/L	11/23/99	EPA 1311
Silver (Total)		14.84	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		92.99	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		25.85	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		7154.77	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000359PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N5300 E6900B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16357.98	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		22.35	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.652	mg/L	11/23/99	EPA 1311
Barium (Total)		169.32	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.42	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		3.227	mg/L	11/23/99	EPA 1311
Cadmium (Total)		85.96	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		18685.82	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		27.99	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		8.60	mg/Kg	11/03/99	EPA 6010
Copper (Total)		1671.88	mg/Kg	11/03/99	EPA 6010
Iron (Total)		19439.90	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		169.167	mg/L	11/23/99	EPA 1311
Lead (Total)		8315.03	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1955.53	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		612.34	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.5392*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		24.84	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1260.56	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.203	mg/L	11/23/99	EPA 1311
Selenium (Total)		16.86	mg/Kg	11/03/99	EPA 6210
Silica (Total)		245.42	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)		0.015	mg/L	11/23/99	EPA 1311
Silver (Total)		11.98	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		123.90	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		26.16	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		8730.15	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000338PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel Matrix: Soil Collect Depth: 0
Date/Time Collected: 08/11/99 06:49 Date/Time Received: 08/12/99 13:45

Sample Comments: N6200 E6900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20464.36	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		45.17	mg/Kg	10/25/99	EPA 6010
Barium (Total)		220.82	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.95	mg/Kg	10/25/99	EPA 6010
Boron (Total)		4.43	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		27.44	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		2920.17	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		28.03	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		12.65	mg/Kg	10/25/99	EPA 6010
Copper (Total)		441.69	mg/Kg	10/25/99	EPA 6010
Iron (Total)		22300.43	mg/Kg	10/25/99	EPA 6010
Lead (Total)		2589.55	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1811.76	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		872.98	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		15.56	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1170.60	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		191.30	mg/Kg	10/25/99	EPA 6210
Silver (Total)		2.07	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		48.47	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		37.73	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		3424.24	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000337PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 06:47
Date/Time Received: 08/12/99 13:46

Sample Comments: N6400 E6900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13570.07	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		11.99	mg/Kg	10/25/99	EPA 6010
Barium (Total)		89.05	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.44	mg/Kg	10/25/99	EPA 6010
Boron (Total)		21.36	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		208.11	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		49975.78	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		14.97	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		4.70	mg/Kg	10/25/99	EPA 6010
Copper (Total)		530.35	mg/Kg	10/25/99	EPA 6010
Iron (Total)		8865.49	mg/Kg	10/25/99	EPA 6010
Lead (Total)		2226.91	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2215.88	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		302.35	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		16.23	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1254.92	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		179.44	mg/Kg	10/25/99	EPA 6210
Silver (Total)		4.94	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		275.06	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		18.80	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		14729.27	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000336PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 06:41
Date/Time Received: 08/12/99 13:46

Sample Comments: N6500 E6900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18593.52	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		20.91	mg/Kg	10/25/99	EPA 6010
Barium (Total)		239.63	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.95	mg/Kg	10/25/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		52.24	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		3687.12	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		27.43	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		32.91	mg/Kg	10/25/99	EPA 6010
Copper (Total)		134.73	mg/Kg	10/25/99	EPA 6010
Iron (Total)		24024.51	mg/Kg	10/25/99	EPA 6010
Lead (Total)		1061.38	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1666.37	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		3149.35	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		21.11	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1277.91	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		180.06	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		12.31	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		38.92	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		4034.91	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000365PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:05
Date/Time Received: 08/12/99 13:44

Sample Comments: N6500 E6900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19707.68	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		19.30	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.425	mg/L	11/23/99	EPA 1311
Barium (Total)		170.79	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.93	mg/Kg	11/03/99	EPA 6010
Boron (Total)		12.13	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.777	mg/L	11/23/99	EPA 1311
Cadmium (Total)		55.18	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4484.66	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		32.84	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		12.94	mg/Kg	11/03/99	EPA 6010
Copper (Total)		253.52	mg/Kg	11/03/99	EPA 6010
Iron (Total)		27514.59	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		0.933	mg/L	11/23/99	EPA 1311
Lead (Total)		1303.35	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1967.80	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1215.87	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1315*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		22.17	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1592.10	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		191.64	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		90.71	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		40.49	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		10208.69	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000335PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel Matrix: Soil Collect Depth: 0
Date/Time Collected: 08/11/99 06:40 Date/Time Received: 08/12/99 13:46

Sample Comments: N6600 E6900B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		30111.20	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		20.27	mg/Kg	10/25/99	EPA 6010
Barium (Total)		258.24	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		1.08	mg/Kg	10/25/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		19.16	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		4720.03	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		36.98	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		15.65	mg/Kg	10/25/99	EPA 6010
Copper (Total)		121.40	mg/Kg	10/25/99	EPA 6010
Iron (Total)		28521.30	mg/Kg	10/25/99	EPA 6010
Lead (Total)		785.23	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2523.02	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1611.04	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		26.11	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1951.67	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		172.27	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		44.74	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		41.00	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		2797.62	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000334PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 06:40
Date/Time Received: 08/12/99 13:46

Sample Comments: N6600 E6900A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		27261.17	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		19.56	mg/Kg	10/25/99	EPA 6010
Barium (Total)		280.82	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		1.25	mg/Kg	10/25/99	EPA 6010
Boron (Total)		2.23	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		17.49	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		4604.03	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		34.61	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		23.53	mg/Kg	10/25/99	EPA 6010
Copper (Total)		79.02	mg/Kg	10/25/99	EPA 6010
Iron (Total)		29087.55	mg/Kg	10/25/99	EPA 6010
Lead (Total)		480.28	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2333.05	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1420.43	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		20.60	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1664.27	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		169.66	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		37.63	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		39.24	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		2331.13	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000289PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:50
Date/Time Received: 08/12/99 13:48

Sample Comments: N7100 E6900A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22422.49	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		341.35	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.77	mg/Kg	09/15/99	EPA 6010
Boron (Total)		7.88	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		0.70	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		5477.36	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		28.85	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		3.10	mg/Kg	09/15/99	EPA 6010
Copper (Total)		14.01	mg/Kg	09/15/99	EPA 6010
Iron (Total)		15818.20	mg/Kg	09/15/99	EPA 6010
Lead (Total)		13.87	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2365.85	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		378.99	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		13.27	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1502.21	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		121.66	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		144.54	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		22.75	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		133.82	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000288PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:50
Date/Time Received: 08/12/99 13:48

Sample Comments: N7100 E6900B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		24137.55	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		292.74	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.77	mg/Kg	09/15/99	EPA 6010
Boron (Total)		8.42	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		0.88	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		5561.98	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		30.28	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		5.17	mg/Kg	09/15/99	EPA 6010
Copper (Total)		14.06	mg/Kg	09/15/99	EPA 6010
Iron (Total)		16006.70	mg/Kg	09/15/99	EPA 6010
Lead (Total)		15.29	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2464.22	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		670.44	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		15.67	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1598.58	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		136.45	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		135.66	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		24.40	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		190.25	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000286PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:30
Date/Time Received: 08/12/99 13:48

Sample Comments: N7300 E6900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20687.75	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		8.62	mg/Kg	09/15/99	EPA 6010
Barium (Total)		239.36	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.80	mg/Kg	09/15/99	EPA 6010
Boron (Total)		9.60	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		1.93	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		22888.60	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		28.18	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		7.99	mg/Kg	09/15/99	EPA 6010
Copper (Total)		17.61	mg/Kg	09/15/99	EPA 6010
Iron (Total)		17195.03	mg/Kg	09/15/99	EPA 6010
Lead (Total)		28.01	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2132.88	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		840.95	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		14.60	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1384.23	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		137.01	mg/Kg	09/15/99	EPA 6210
Silver (Total)		5.52	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		141.00	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		40.18	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		213.66	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000353PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:21
Date/Time Received: 08/12/99 13:45

Sample Comments: N5000 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18012.22	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Barium (Total)		290.69	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.91	mg/Kg	11/02/99	EPA 6010
Boron (Total)		7.17	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		6.84	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		5208.03	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		25.59	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		11.52	mg/Kg	11/02/99	EPA 6010
Copper (Total)		38.73	mg/Kg	11/02/99	EPA 6010
Iron (Total)		19306.62	mg/Kg	11/02/99	EPA 6010
Lead (Total)		239.22	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		1990.43	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		1188.55	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		30.05	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1294.54	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		165.55	mg/Kg	11/02/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		107.48	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		23.82	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		1258.51	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000370PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel Matrix: Soil Collect Depth: 0
Date/Time Collected: 08/11/99 08:23 Date/Time Received: 08/12/99 13:44

Sample Comments: N5300 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15964.52	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		6.43	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		1.533	mg/L	11/23/99	EPA 1311
Barium (Total)		156.04	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.81	mg/Kg	11/05/99	EPA 6010
Boron (Total)		5.78	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.212	mg/L	11/23/99	EPA 1311
Cadmium (Total)		15.93	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		3426.18	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		25.50	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		8.35	mg/Kg	11/05/99	EPA 6010
Copper (Total)		75.96	mg/Kg	11/05/99	EPA 6010
Iron (Total)		16480.89	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.366	mg/L	11/23/99	EPA 1311
Lead (Total)		412.17	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1345.02	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		608.10	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1999*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		11.44	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1067.32	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		168.34	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		145.83	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		26.20	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1512.59	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000333PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:27
Date/Time Received: 08/12/99 13:46

Sample Comments: N5400 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		28001.63	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		12.87	mg/Kg	10/25/99	EPA 6010
Barium (Total)		183.30	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.84	mg/Kg	10/25/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		14.01	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		4553.90	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		32.03	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		6.39	mg/Kg	10/25/99	EPA 6010
Copper (Total)		58.40	mg/Kg	10/25/99	EPA 6010
Iron (Total)		20621.64	mg/Kg	10/25/99	EPA 6010
Lead (Total)		275.82	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		2260.03	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		337.12	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		14.69	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1818.62	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		138.31	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		46.08	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		36.98	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		1812.62	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000330PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:22
Date/Time Received: 08/12/99 13:46

Sample Comments: N5900 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		23443.24	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		17.31	mg/Kg	10/25/99	EPA 6010
Barium (Total)		138.93	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.97	mg/Kg	10/25/99	EPA 6010
Boron (Total)		10.40	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		30.13	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		4068.73	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		34.74	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		7.22	mg/Kg	10/25/99	EPA 6010
Copper (Total)		280.50	mg/Kg	10/25/99	EPA 6010
Iron (Total)		24683.10	mg/Kg	10/25/99	EPA 6010
Lead (Total)		866.71	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1930.65	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		298.22	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		19.47	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1682.86	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		225.79	mg/Kg	10/25/99	EPA 6210
Silver (Total)		1.52	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		108.35	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		43.06	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		6695.17	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000309PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:20
Date/Time Received: 08/12/99 13:47

Sample Comments: N6100 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		6452.57	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		203.74	mg/Kg	10/15/99	EPA 6010
Barium (Total)		87.69	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.14	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		17.06	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		1005.74	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		29.68	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		26.55	mg/Kg	10/15/99	EPA 6010
Copper (Total)		2065.45	mg/Kg	10/15/99	EPA 6010
Iron (Total)		31063.73	mg/Kg	10/15/99	EPA 6010
Lead (Total)		775.61	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		566.26	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		562.75	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		25.18	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		467.02	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		226.51	mg/Kg	10/15/99	EPA 6210
Silver (Total)		27.14	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		110.48	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		23.72	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		2262.21	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000331PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:17
Date/Time Received: 08/12/99 13:46

Sample Comments: N6200 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18605.89	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		54.58	mg/Kg	10/25/99	EPA 6010
Barium (Total)		258.61	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.90	mg/Kg	10/25/99	EPA 6010
Boron (Total)		5.74	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		33.12	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		3903.54	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		26.71	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		7.84	mg/Kg	10/25/99	EPA 6010
Copper (Total)		772.37	mg/Kg	10/25/99	EPA 6010
Iron (Total)		20752.74	mg/Kg	10/25/99	EPA 6010
Lead (Total)		5018.98	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1690.43	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		700.63	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		18.77	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1161.85	mg/Kg	10/25/99	EPA 6210
Selenium (Total)		6.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		275.09	mg/Kg	10/25/99	EPA 6210
Silver (Total)		20.55	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		75.17	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		35.51	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		5335.29	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000332PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:10
Date/Time Received: 08/12/99 13:46

Sample Comments: N6400 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15885.96	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		13.70	mg/Kg	10/25/99	EPA 6010
Barium (Total)		190.24	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.90	mg/Kg	10/25/99	EPA 6010
Boron (Total)		4.42	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		38.27	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		2959.19	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		22.50	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		12.95	mg/Kg	10/25/99	EPA 6010
Copper (Total)		91.82	mg/Kg	10/25/99	EPA 6010
Iron (Total)		17805.81	mg/Kg	10/25/99	EPA 6010
Lead (Total)		529.06	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1269.96	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1292.90	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		13.46	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1816.02	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		300.24	mg/Kg	10/25/99	EPA 6210
Silver (Total)		1.25	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		75.49	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		29.56	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		3007.94	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000308PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:05
Date/Time Received: 08/12/99 13:47

Sample Comments: N6500 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21847.17	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		11.48	mg/Kg	10/15/99	EPA 6010
Barium (Total)		182.07	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.72	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		19.82	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3782.31	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		31.42	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		9.76	mg/Kg	10/15/99	EPA 6010
Copper (Total)		48.05	mg/Kg	10/15/99	EPA 6010
Iron (Total)		23013.24	mg/Kg	10/15/99	EPA 6010
Lead (Total)		248.01	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		2040.29	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		1057.20	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		20.38	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1617.96	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		210.49	mg/Kg	10/15/99	EPA 6210
Silver (Total)		1.08	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		29.01	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		29.56	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		2070.35	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000306PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:03
Date/Time Received: 08/12/99 13:47

Sample Comments: N6800 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		28214.26	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		7.70	mg/Kg	10/15/99	EPA 6010
Barium (Total)		308.28	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.80	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		1.12	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		5535.24	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		36.37	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		6.01	mg/Kg	10/15/99	EPA 6010
Copper (Total)		7.61	mg/Kg	10/15/99	EPA 6010
Iron (Total)		20759.38	mg/Kg	10/15/99	EPA 6010
Lead (Total)		63.87	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		2698.09	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		502.62	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		19.36	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1791.54	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		224.78	mg/Kg	10/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		160.29	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		26.96	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		251.60	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000290PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:45
Date/Time Received: 08/12/99 13:47

Sample Comments: N7200 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		28580.58	mg/Kg	09/15/99	EPA 6010
Antimony (Total)		9.17	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		217.84	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.24	mg/Kg	09/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)	<	0.50	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		4833.58	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		36.11	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		3.63	mg/Kg	09/15/99	EPA 6010
Copper (Total)		8.00	mg/Kg	09/15/99	EPA 6010
Iron (Total)		19487.23	mg/Kg	09/15/99	EPA 6010
Lead (Total)		6.45	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2873.11	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		412.00	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		14.42	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1646.97	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		94.92	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		171.83	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		20.71	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		80.22	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/07/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000294PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:30
Date/Time Received: 08/12/99 13:47

Sample Comments: N7637 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19229.55	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		31.07	mg/Kg	09/15/99	EPA 6010
Barium (Total)		197.69	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.56	mg/Kg	09/15/99	EPA 6010
Boron (Total)		15.89	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		6.96	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		49887.86	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		35.98	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		13.67	mg/Kg	09/15/99	EPA 6010
Copper (Total)		306.55	mg/Kg	09/15/99	EPA 6010
Iron (Total)		22417.34	mg/Kg	09/15/99	EPA 6010
Lead (Total)		186.71	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2975.89	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		1040.65	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		23.77	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1841.35	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		190.76	mg/Kg	09/15/99	EPA 6210
Silver (Total)		3.50	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		274.29	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		37.38	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		1590.13	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000363PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:19
Date/Time Received: 08/12/99 13:44

Sample Comments: N5000 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19267.62	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		7.26	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.312	mg/L	11/23/99	EPA 1311
Barium (Total)		262.45	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.90	mg/Kg	11/03/99	EPA 6010
Boron (Total)		8.28	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.508	mg/L	11/23/99	EPA 1311
Cadmium (Total)		34.48	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4358.55	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		29.80	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		9.63	mg/Kg	11/03/99	EPA 6010
Copper (Total)		395.49	mg/Kg	11/03/99	EPA 6010
Iron (Total)		22476.33	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		3.142	mg/L	11/23/99	EPA 1311
Lead (Total)		2081.91	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		2074.72	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		917.78	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.5593*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		16.69	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1581.10	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		249.57	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		2.21	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		67.07	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		29.46	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		1067.10	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000373PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:26
Date/Time Received: 08/12/99 13:44

Sample Comments: N5300 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16238.50	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (Total)		9.67	mg/Kg	11/05/99	EPA 6010
Barium (Total)		145.30	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.93	mg/Kg	11/05/99	EPA 6010
Boron (Total)		8.37	mg/Kg	11/05/99	EPA 6010
Cadmium (Total)		9.86	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		7537.98	mg/Kg	11/05/99	EPA 6010
Chromium (Total)		31.44	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		8.88	mg/Kg	11/05/99	EPA 6010
Copper (Total)		87.14	mg/Kg	11/05/99	EPA 6010
Iron (Total)		23789.12	mg/Kg	11/05/99	EPA 6010
Lead (Total)		274.36	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1652.62	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		618.30	mg/Kg	11/05/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		18.82	mg/Kg	11/05/99	EPA 6210
Potassium (Total)		1221.37	mg/Kg	11/05/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		134.00	mg/Kg	11/05/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		95.49	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		28.25	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1017.76	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000304PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:51
Date/Time Received: 08/12/99 13:47

Sample Comments: N5800 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17110.55	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		55.48	mg/Kg	10/15/99	EPA 6010
Barium (Total)		273.48	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.73	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		78.77	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		2270.93	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		34.66	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		20.42	mg/Kg	10/15/99	EPA 6010
Copper (Total)		656.41	mg/Kg	10/15/99	EPA 6010
Iron (Total)		28735.43	mg/Kg	10/15/99	EPA 6010
Lead (Total)		3860.88	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1371.90	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		1578.35	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		32.22	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1705.00	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		247.69	mg/Kg	10/15/99	EPA 6210
Silver (Total)		1.79	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		38.53	mg/Kg	10/15/99	EPA 6210
Thallium (Total)		6.27	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		39.44	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		12010.28	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000357PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N6000 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10673.24	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		70.72	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.300	mg/L	11/23/99	EPA 1311
Barium (Total)		179.19	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.69	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.59	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		1.382	mg/L	11/23/99	EPA 1311
Cadmium (Total)		50.93	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		2172.63	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		25.36	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		14.73	mg/Kg	11/03/99	EPA 6010
Copper (Total)		842.29	mg/Kg	11/03/99	EPA 6010
Iron (Total)		25832.11	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		15.284	mg/L	11/23/99	EPA 1311
Lead (Total)		3878.81	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		978.57	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		649.62	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.7287*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		18.23	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		853.13	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.077	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		232.59	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		6.84	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		74.29	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		30.76	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		13383.65	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000303PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:47
Date/Time Received: 08/12/99 13:47

Sample Comments: N6100 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		23584.90	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		45.38	mg/Kg	10/15/99	EPA 6010
Barium (Total)		197.73	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.66	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		46.96	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3413.11	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		39.44	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		16.99	mg/Kg	10/15/99	EPA 6010
Copper (Total)		547.86	mg/Kg	10/15/99	EPA 6010
Iron (Total)		26218.78	mg/Kg	10/15/99	EPA 6010
Lead (Total)		3231.70	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1896.23	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		875.02	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		21.78	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1794.83	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		184.21	mg/Kg	10/15/99	EPA 6210
Silver (Total)		2.55	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		83.49	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		49.13	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		8030.84	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000356PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:42
Date/Time Received: 08/12/99 13:45

Sample Comments: N6200 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21453.71	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		9.76	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.274	mg/L	11/23/99	EPA 1311
Barium (Total)		220.89	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.98	mg/Kg	11/03/99	EPA 6010
Boron (Total)		8.18	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.629	mg/L	11/23/99	EPA 1311
Cadmium (Total)		28.82	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		3459.19	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		28.88	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		15.81	mg/Kg	11/03/99	EPA 6010
Copper (Total)		125.00	mg/Kg	11/03/99	EPA 6010
Iron (Total)		19373.99	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		0.598	mg/L	11/23/99	EPA 1311
Lead (Total)		678.64	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1915.38	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1492.12	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.1534*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		16.96	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1521.09	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.076	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		199.09	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		71.84	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		30.82	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		3087.35	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000298PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:40
Date/Time Received: 08/12/99 13:47

Sample Comments: N6500 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13009.78	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		36.24	mg/Kg	09/15/99	EPA 6010
Barium (Total)		192.57	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.34	mg/Kg	09/15/99	EPA 6010
Boron (Total)		13.03	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		76.01	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		2778.74	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		26.35	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		12.30	mg/Kg	09/15/99	EPA 6010
Copper (Total)		311.17	mg/Kg	09/15/99	EPA 6010
Iron (Total)		19011.45	mg/Kg	09/15/99	EPA 6010
Lead (Total)		1716.60	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		1080.65	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		865.30	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		13.28	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1898.76	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		179.36	mg/Kg	09/15/99	EPA 6210
Silver (Total)		1.21	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		30.74	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		31.07	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		4526.78	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000300PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:38
Date/Time Received: 08/12/99 13:47

Sample Comments: N6700 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20783.47	mg/Kg	09/15/99	EPA 6010
Antimony (Total)		9.60	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		223.48	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.67	mg/Kg	09/15/99	EPA 6010
Boron (Total)		8.95	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		5.95	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		3055.60	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		26.56	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		22.70	mg/Kg	09/15/99	EPA 6010
Copper (Total)		15.47	mg/Kg	09/15/99	EPA 6010
Iron (Total)		2173.00	mg/Kg	09/15/99	EPA 6010
Lead (Total)		30.09	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		1372.88	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		247.00	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		29.92	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1433.32	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		120.54	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		29.12	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		28.15	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		888.37	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000301PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:35
Date/Time Received: 08/12/99 13:47

Sample Comments: N7000 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		25732.81	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		7.25	mg/Kg	09/15/99	EPA 6010
Barium (Total)		268.78	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		1.43	mg/Kg	09/15/99	EPA 6010
Boron (Total)		15.06	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		2.57	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		4861.84	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		36.31	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		5.67	mg/Kg	09/15/99	EPA 6010
Copper (Total)		19.47	mg/Kg	09/15/99	EPA 6010
Iron (Total)		19306.74	mg/Kg	09/15/99	EPA 6010
Lead (Total)		24.61	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2654.40	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		473.35	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		18.23	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1906.96	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		137.57	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		126.62	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		40.87	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		314.43	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000284PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:20
Date/Time Received: 08/12/99 13:48

Sample Comments: N7400 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20124.22	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		8.47	mg/Kg	09/15/99	EPA 6010
Barium (Total)		245.82	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.82	mg/Kg	09/15/99	EPA 6010
Boron (Total)		11.16	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		12.40	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		7349.59	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		33.37	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		15.88	mg/Kg	09/15/99	EPA 6010
Copper (Total)		34.77	mg/Kg	09/15/99	EPA 6010
Iron (Total)		20475.35	mg/Kg	09/15/99	EPA 6010
Lead (Total)		114.37	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2243.74	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		1332.33	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		18.59	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1298.35	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		103.80	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		244.21	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		43.04	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		1327.01	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000299PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:32
Date/Time Received: 08/12/99 13:47

Sample Comments: N7500 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		27490.52	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		5.72	mg/Kg	09/15/99	EPA 6010
Barium (Total)		349.03	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.81	mg/Kg	09/15/99	EPA 6010
Boron (Total)		11.99	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		1.25	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		3798.64	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		35.77	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		11.10	mg/Kg	09/15/99	EPA 6010
Copper (Total)		17.64	mg/Kg	09/15/99	EPA 6010
Iron (Total)		2825.00	mg/Kg	09/15/99	EPA 6010
Lead (Total)		19.21	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2926.43	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		1075.34	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		22.99	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1784.39	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		116.03	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		351.04	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		30.92	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		87.07	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000367PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:14
Date/Time Received: 08/12/99 13:44

Sample Comments: N5200 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21398.17	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		6.54	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		2.105	mg/L	11/23/99	EPA 1311
Barium (Total)		193.02	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.87	mg/Kg	11/05/99	EPA 6010
Boron (Total)		8.47	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.130	mg/L	11/23/99	EPA 1311
Cadmium (Total)		14.70	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		14799.65	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		28.13	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		9.85	mg/Kg	11/05/99	EPA 6010
Copper (Total)		73.74	mg/Kg	11/05/99	EPA 6010
Iron (Total)		17778.45	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.133	mg/L	11/23/99	EPA 1311
Lead (Total)		379.03	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		2090.29	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		833.95	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)	<	0.0500*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		13.86	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1953.73	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		173.68	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)		0.025	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		84.78	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		29.91	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1267.22	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000354PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:55
Date/Time Received: 08/12/99 13:45

Sample Comments: N5700 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9701.83	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.070	mg/L	11/23/99	EPA 1311
Arsenic (Total)		51.01	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.854	mg/L	11/23/99	EPA 1311
Barium (Total)		294.76	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.58	mg/Kg	11/03/99	EPA 6010
Boron (Total)		18.44	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		2.445	mg/L	11/23/99	EPA 1311
Cadmium (Total)		122.89	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4220.79	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		30.32	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		14.43	mg/Kg	11/03/99	EPA 6010
Copper (Total)		1361.37	mg/Kg	11/03/99	EPA 6010
Iron (Total)		25534.29	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		14.749	mg/L	11/23/99	EPA 1311
Lead (Total)		3892.40	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		968.22	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		814.49	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.6698*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		29.63	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		771.23	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.090	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		186.47	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		6.51	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		135.81	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		29.71	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		39348.51	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000355PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:57
Date/Time Received: 08/12/99 13:45

Sample Comments: N6000 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18979.43	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.055	mg/L	11/23/99	EPA 1311
Arsenic (Total)		16.31	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.645	mg/L	11/23/99	EPA 1311
Barium (Total)		140.55	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.89	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.12	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.502	mg/L	11/23/99	EPA 1311
Cadmium (Total)		22.58	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		3529.69	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		30.01	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		16.90	mg/Kg	11/03/99	EPA 6010
Copper (Total)		226.79	mg/Kg	11/03/99	EPA 6010
Iron (Total)		21713.46	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		3.132	mg/L	11/23/99	EPA 1311
Lead (Total)		1320.63	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1613.53	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1103.27	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.3342*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		14.48	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1296.71	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.078	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		170.22	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		111.88	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		34.14	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		4240.38	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000305PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:00
Date/Time Received: 08/12/99 13:47

Sample Comments: N6100 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22097.16	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		17.96	mg/Kg	10/15/99	EPA 6010
Barium (Total)		156.20	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.61	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		29.96	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3958.03	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		34.67	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		9.05	mg/Kg	10/15/99	EPA 6010
Copper (Total)		183.53	mg/Kg	10/15/99	EPA 6010
Iron (Total)		21342.98	mg/Kg	10/15/99	EPA 6010
Lead (Total)		1091.30	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1931.36	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		728.62	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		16.40	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1568.67	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		167.00	mg/Kg	10/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		128.60	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		39.04	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		4546.48	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000302PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:03
Date/Time Received: 08/12/99 13:47

Sample Comments: N6400 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21489.88	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		9.68	mg/Kg	09/15/99	EPA 6010
Barium (Total)		111.95	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.45	mg/Kg	09/15/99	EPA 6010
Boron (Total)		13.79	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		31.26	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		7113.59	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		30.80	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		4.20	mg/Kg	09/15/99	EPA 6010
Copper (Total)		201.32	mg/Kg	09/15/99	EPA 6010
Iron (Total)		16244.78	mg/Kg	09/15/99	EPA 6010
Lead (Total)		1043.69	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		1798.58	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		326.76	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		15.70	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		2064.82	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		220.57	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		101.97	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		43.07	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		5080.79	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/30/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000351PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:55
Date/Time Received: 08/12/99 13:45

Sample Comments: N5200 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16769.08	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)		7.25	mg/Kg	11/02/99	EPA 6010
Barium (Total)		149.34	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.66	mg/Kg	11/02/99	EPA 6010
Boron (Total)		6.49	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		18.04	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		7184.33	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		23.35	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		8.23	mg/Kg	11/02/99	EPA 6010
Copper (Total)		108.80	mg/Kg	11/02/99	EPA 6010
Iron (Total)		15799.76	mg/Kg	11/02/99	EPA 6010
Lead (Total)		478.34	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		1401.25	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		642.92	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		10.83	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1487.31	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		214.05	mg/Kg	11/02/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		59.76	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		27.00	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		2393.09	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000358PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:38
Date/Time Received: 08/12/99 13:45

Sample Comments: N5700 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		6933.54	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.078	mg/L	11/23/99	EPA 1311
Arsenic (Total)		265.25	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		5.773	mg/L	11/23/99	EPA 1311
Barium (Total)		583.07	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)	<	0.10	mg/Kg	11/03/99	EPA 6010
Boron (Total)		34.30	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		3.927	mg/L	11/23/99	EPA 1311
Cadmium (Total)		236.55	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		6655.24	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		46.52	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		27.87	mg/Kg	11/03/99	EPA 6010
Copper (Total)		2486.35	mg/Kg	11/03/99	EPA 6010
Iron (Total)		60313.97	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		42.334	mg/L	11/23/99	EPA 1311
Lead (Total)		6771.72	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		837.90	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		4669.52	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.0832*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)		7.45	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		58.91	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		188.46	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.086	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		274.65	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		28.92	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		183.39	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		30.72	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		99930.13	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000324PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:35
Date/Time Received: 08/12/99 13:46

Sample Comments: N5800 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11236.55	mg/Kg	10/22/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/22/99	EPA 6010
Arsenic (Total)		118.66	mg/Kg	10/22/99	EPA 6010
Barium (Total)		354.05	mg/Kg	10/22/99	EPA 6010
Beryllium (Total)		0.45	mg/Kg	10/22/99	EPA 6010
Boron (Total)		10.65	mg/Kg	10/22/99	EPA 6010
Cadmium (Total)		188.76	mg/Kg	10/22/99	EPA 6010
Calcium (Total)		5236.10	mg/Kg	10/22/99	EPA 6010
Chromium (Total)		36.63	mg/Kg	10/22/99	EPA 6010
Cobalt (Total)		16.99	mg/Kg	10/22/99	EPA 6010
Copper (Total)		1287.98	mg/Kg	10/22/99	EPA 6010
Iron (Total)		28718.05	mg/Kg	10/22/99	EPA 6010
Lead (Total)		4312.29	mg/Kg	10/22/99	EPA 6010
Magnesium (Total)		1528.48	mg/Kg	10/22/99	EPA 6010
Manganese (Total)		1264.40	mg/Kg	10/22/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/22/99	EPA 6210
Nickel (Total)		37.00	mg/Kg	10/22/99	EPA 6210
Potassium (Total)		922.19	mg/Kg	10/22/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Silica (Total)		150.05	mg/Kg	10/22/99	EPA 6210
Silver (Total)		13.66	mg/Kg	10/22/99	EPA 6210
Sodium (Total)		266.58	mg/Kg	10/22/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Vanadium (Total)		39.95	mg/Kg	10/22/99	EPA 6210
Zinc (Total)		33951.27	mg/Kg	10/22/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000322PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:33
Date/Time Received: 08/12/99 13:46

Sample Comments: N6000 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18689.00	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		19.95	mg/Kg	10/15/99	EPA 6010
Barium (Total)		156.53	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.61	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		30.07	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		2945.75	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		50.29	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		10.26	mg/Kg	10/15/99	EPA 6010
Copper (Total)		119.40	mg/Kg	10/15/99	EPA 6010
Iron (Total)		30388.34	mg/Kg	10/15/99	EPA 6010
Lead (Total)		705.58	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1846.02	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		951.80	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		20.50	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1321.76	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		241.40	mg/Kg	10/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		62.01	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		49.22	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		4518.72	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000329PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:30
Date/Time Received: 08/12/99 13:46

Sample Comments: N6100 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14049.86	mg/Kg	10/25/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/25/99	EPA 6010
Arsenic (Total)		14.74	mg/Kg	10/25/99	EPA 6010
Barium (Total)		148.85	mg/Kg	10/25/99	EPA 6010
Beryllium (Total)		0.89	mg/Kg	10/25/99	EPA 6010
Boron (Total)		7.97	mg/Kg	10/25/99	EPA 6010
Cadmium (Total)		39.24	mg/Kg	10/25/99	EPA 6010
Calcium (Total)		3742.68	mg/Kg	10/25/99	EPA 6010
Chromium (Total)		21.28	mg/Kg	10/25/99	EPA 6010
Cobalt (Total)		15.76	mg/Kg	10/25/99	EPA 6010
Copper (Total)		87.71	mg/Kg	10/25/99	EPA 6010
Iron (Total)		16906.89	mg/Kg	10/25/99	EPA 6010
Lead (Total)		505.71	mg/Kg	10/25/99	EPA 6010
Magnesium (Total)		1346.41	mg/Kg	10/25/99	EPA 6010
Manganese (Total)		1526.63	mg/Kg	10/25/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/25/99	EPA 6210
Nickel (Total)		13.88	mg/Kg	10/25/99	EPA 6210
Potassium (Total)		1083.41	mg/Kg	10/25/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Silica (Total)		207.94	mg/Kg	10/25/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/25/99	EPA 6210
Sodium (Total)		74.65	mg/Kg	10/25/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/25/99	EPA 6210
Vanadium (Total)		32.64	mg/Kg	10/25/99	EPA 6210
Zinc (Total)		6349.74	mg/Kg	10/25/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000307PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 17:00
Date/Time Received: 08/12/99 13:47

Sample Comments: N6603 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18246.35	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		11.76	mg/Kg	10/15/99	EPA 6010
Barium (Total)		119.30	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.57	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		12.85	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3733.38	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		27.38	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		8.68	mg/Kg	10/15/99	EPA 6010
Copper (Total)		58.50	mg/Kg	10/15/99	EPA 6010
Iron (Total)		19868.45	mg/Kg	10/15/99	EPA 6010
Lead (Total)		398.68	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1624.13	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		848.19	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		12.99	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1276.72	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		268.34	mg/Kg	10/15/99	EPA 6210
Silver (Total)		15.72	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		18.86	mg/Kg	10/15/99	EPA 6210
Thallium (Total)		6.48	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		31.68	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		1742.92	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000327PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:07
Date/Time Received: 08/12/99 13:46

Sample Comments: N6700 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		27045.48	mg/Kg	10/22/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/22/99	EPA 6010
Arsenic (Total)		11.12	mg/Kg	10/22/99	EPA 6010
Barium (Total)		196.14	mg/Kg	10/22/99	EPA 6010
Beryllium (Total)		1.06	mg/Kg	10/22/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/22/99	EPA 6010
Cadmium (Total)		1.12	mg/Kg	10/22/99	EPA 6010
Calcium (Total)		5353.15	mg/Kg	10/22/99	EPA 6010
Chromium (Total)		34.45	mg/Kg	10/22/99	EPA 6010
Cobalt (Total)		3.75	mg/Kg	10/22/99	EPA 6010
Copper (Total)		6.21	mg/Kg	10/22/99	EPA 6010
Iron (Total)		22528.33	mg/Kg	10/22/99	EPA 6010
Lead (Total)	<	5.00	mg/Kg	10/22/99	EPA 6010
Magnesium (Total)		2314.56	mg/Kg	10/22/99	EPA 6010
Manganese (Total)		302.62	mg/Kg	10/22/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/22/99	EPA 6210
Nickel (Total)		17.71	mg/Kg	10/22/99	EPA 6210
Potassium (Total)		1721.40	mg/Kg	10/22/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Silica (Total)		138.66	mg/Kg	10/22/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/22/99	EPA 6210
Sodium (Total)		145.75	mg/Kg	10/22/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Vanadium (Total)		26.85	mg/Kg	10/22/99	EPA 6210
Zinc (Total)		154.64	mg/Kg	10/22/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000350PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N5000 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18157.03	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)		5.51	mg/Kg	11/02/99	EPA 6010
Barium (Total)		206.05	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.84	mg/Kg	11/02/99	EPA 6010
Boron (Total)		8.39	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		3.56	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		5587.42	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		27.80	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		5.11	mg/Kg	11/02/99	EPA 6010
Copper (Total)		29.11	mg/Kg	11/02/99	EPA 6010
Iron (Total)		19524.81	mg/Kg	11/02/99	EPA 6010
Lead (Total)		65.15	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		1864.00	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		452.12	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		14.47	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1948.35	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		170.33	mg/Kg	11/02/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		89.47	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		24.37	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		581.31	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000352PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:17
Date/Time Received: 08/12/99 13:45

Sample Comments: N5200 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14417.86	mg/Kg	11/02/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/02/99	EPA 6010
Arsenic (Total)		5.11	mg/Kg	11/02/99	EPA 6010
Barium (Total)		121.60	mg/Kg	11/02/99	EPA 6010
Beryllium (Total)		0.60	mg/Kg	11/02/99	EPA 6010
Boron (Total)		6.20	mg/Kg	11/02/99	EPA 6010
Cadmium (Total)		17.64	mg/Kg	11/02/99	EPA 6010
Calcium (Total)		33052.76	mg/Kg	11/02/99	EPA 6010
Chromium (Total)		19.84	mg/Kg	11/02/99	EPA 6010
Cobalt (Total)		6.83	mg/Kg	11/02/99	EPA 6010
Copper (Total)		56.68	mg/Kg	11/02/99	EPA 6010
Iron (Total)		14537.98	mg/Kg	11/02/99	EPA 6010
Lead (Total)		274.37	mg/Kg	11/02/99	EPA 6010
Magnesium (Total)		2004.79	mg/Kg	11/02/99	EPA 6010
Manganese (Total)		512.67	mg/Kg	11/02/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	11/02/99	EPA 6210
Nickel (Total)		9.36	mg/Kg	11/02/99	EPA 6210
Potassium (Total)		1449.41	mg/Kg	11/02/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Silica (Total)		296.06	mg/Kg	11/02/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	11/02/99	EPA 6210
Sodium (Total)		69.82	mg/Kg	11/02/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/02/99	EPA 6210
Vanadium (Total)		22.58	mg/Kg	11/02/99	EPA 6210
Zinc (Total)		2051.78	mg/Kg	11/02/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/09/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000317PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:22
Date/Time Received: 08/12/99 13:46

Sample Comments: N5500 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9002.90	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		54.26	mg/Kg	10/15/99	EPA 6010
Barium (Total)		137.55	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.28	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		75.59	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3992.56	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		33.33	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		11.71	mg/Kg	10/15/99	EPA 6010
Copper (Total)		663.41	mg/Kg	10/15/99	EPA 6010
Iron (Total)		29289.87	mg/Kg	10/15/99	EPA 6010
Lead (Total)		1744.70	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1001.42	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		687.00	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		27.68	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		638.03	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		294.53	mg/Kg	10/15/99	EPA 6210
Silver (Total)		4.70	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		51.29	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		29.07	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		25538.18	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000316PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:25
Date/Time Received: 08/12/99 13:46

Sample Comments: N5600 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11512.13	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		58.01	mg/Kg	10/15/99	EPA 6010
Barium (Total)		213.78	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.55	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		144.72	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3357.28	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		32.28	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		11.42	mg/Kg	10/15/99	EPA 6010
Copper (Total)		878.32	mg/Kg	10/15/99	EPA 6010
Iron (Total)		24296.95	mg/Kg	10/15/99	EPA 6010
Lead (Total)		4358.10	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1135.53	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		723.41	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		25.77	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		971.30	mg/Kg	10/15/99	EPA 6210
Selenium (Total)		5.77	mg/Kg	10/15/99	EPA 6210
Silica (Total)		180.30	mg/Kg	10/15/99	EPA 6210
Silver (Total)		5.48	mg/Kg	10/15/99	EPA 6210
Sodium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		33.08	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		21783.08	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000315PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:30
Date/Time Received: 08/12/99 13:46

Sample Comments: N5700 E7400A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		8788.96	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		291.00	mg/Kg	10/15/99	EPA 6010
Barium (Total)		283.56	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.18	mg/Kg	10/15/99	EPA 6010
Boron (Total)		2.95	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		180.12	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3439.16	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		43.25	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		20.30	mg/Kg	10/15/99	EPA 6010
Copper (Total)		1954.77	mg/Kg	10/15/99	EPA 6010
Iron (Total)		42856.83	mg/Kg	10/15/99	EPA 6010
Lead (Total)		7797.22	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1328.81	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		2003.33	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)		6.01	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		47.58	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		442.61	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		319.85	mg/Kg	10/15/99	EPA 6210
Silver (Total)		15.09	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		52.05	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		36.19	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		47283.63	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000314PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:30
Date/Time Received: 08/12/99 13:47

Sample Comments: N5700 E7400B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9059.00	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		279.24	mg/Kg	10/15/99	EPA 6010
Barium (Total)		311.97	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.11	mg/Kg	10/15/99	EPA 6010
Boron (Total)		3.12	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		151.15	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		3719.01	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		41.20	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		21.74	mg/Kg	10/15/99	EPA 6010
Copper (Total)		1752.21	mg/Kg	10/15/99	EPA 6010
Iron (Total)		40722.40	mg/Kg	10/15/99	EPA 6010
Lead (Total)		7357.77	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1351.63	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		1745.04	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)		6.49	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		48.15	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		501.95	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		209.78	mg/Kg	10/15/99	EPA 6210
Silver (Total)		14.70	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		81.70	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		38.14	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		45323.83	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000313PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:33
Date/Time Received: 08/12/99 13:47

Sample Comments: N5800 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16013.71	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		34.68	mg/Kg	10/15/99	EPA 6010
Barium (Total)		186.86	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.57	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		97.52	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		5633.38	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		31.30	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		12.88	mg/Kg	10/15/99	EPA 6010
Copper (Total)		320.49	mg/Kg	10/15/99	EPA 6010
Iron (Total)		20293.44	mg/Kg	10/15/99	EPA 6010
Lead (Total)		1583.68	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1606.90	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		902.16	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		17.73	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1562.23	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		171.17	mg/Kg	10/15/99	EPA 6210
Silver (Total)		2.31	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		34.56	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		37.90	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		12889.04	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000312PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:35
Date/Time Received: 08/12/99 13:47

Sample Comments: N6100 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		20184.58	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		34.70	mg/Kg	10/15/99	EPA 6010
Barium (Total)		201.52	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.54	mg/Kg	10/15/99	EPA 6010
Boron (Total)		2.70	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		114.07	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		15307.85	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		33.15	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		13.72	mg/Kg	10/15/99	EPA 6010
Copper (Total)		476.00	mg/Kg	10/15/99	EPA 6010
Iron (Total)		20650.40	mg/Kg	10/15/99	EPA 6010
Lead (Total)		3018.89	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		2308.96	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		849.17	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		26.14	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1741.12	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		311.28	mg/Kg	10/15/99	EPA 6210
Silver (Total)		4.01	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		182.54	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		34.88	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		19933.77	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000311PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:36
Date/Time Received: 08/12/99 13:47

Sample Comments: N6300 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22515.73	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		14.36	mg/Kg	10/15/99	EPA 6010
Barium (Total)		148.67	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.43	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		42.47	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		7218.13	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		30.97	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		6.25	mg/Kg	10/15/99	EPA 6010
Copper (Total)		95.48	mg/Kg	10/15/99	EPA 6010
Iron (Total)		18415.50	mg/Kg	10/15/99	EPA 6010
Lead (Total)		507.23	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		2221.87	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		618.97	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		15.17	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1839.44	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		187.40	mg/Kg	10/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		14.00	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		28.17	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		7226.06	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000328PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:20
Date/Time Received: 08/12/99 13:46

Sample Comments: N6400 E7400A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17845.18	mg/Kg	10/22/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/22/99	EPA 6010
Arsenic (Total)		30.04	mg/Kg	10/22/99	EPA 6010
Barium (Total)		206.12	mg/Kg	10/22/99	EPA 6010
Beryllium (Total)		0.55	mg/Kg	10/22/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/22/99	EPA 6010
Cadmium (Total)		43.04	mg/Kg	10/22/99	EPA 6010
Calcium (Total)		3630.79	mg/Kg	10/22/99	EPA 6010
Chromium (Total)		29.78	mg/Kg	10/22/99	8PA 6010
Cobalt (Total)		11.57	mg/Kg	10/22/99	EPA 6010
Copper (Total)		190.57	mg/Kg	10/22/99	EPA 6010
Iron (Total)		20482.96	mg/Kg	10/22/99	EPA 6010
Lead (Total)		1260.46	mg/Kg	10/22/99	EPA 6010
Magnesium (Total)		1579.05	mg/Kg	10/22/99	EPA 6010
Manganese (Total)		1008.95	mg/Kg	10/22/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/22/99	8PA 6210
Nickel (Total)		15.77	mg/Kg	10/22/99	EPA 6210
Potassium (Total)		1626.54	mg/Kg	10/22/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Silica (Total)		180.62	mg/Kg	10/22/99	EPA 6210
Silver (Total)		2.28	mg/Kg	10/22/99	EPA 6210
Sodium (Total)		168.15	mg/Kg	10/22/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Vanadium (Total)		44.04	mg/Kg	10/22/99	EPA 6210
Zinc (Total)		4519.47	mg/Kg	10/22/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000326PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:20
Date/Time Received: 08/12/99 13:46

Sample Comments: N6400 E7400B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13771.23	mg/Kg	10/22/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/22/99	EPA 6010
Arsenic (Total)		26.64	mg/Kg	10/22/99	EPA 6010
Barium (Total)		207.38	mg/Kg	10/22/99	EPA 6010
Beryllium (Total)		0.60	mg/Kg	10/22/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/22/99	EPA 6010
Cadmium (Total)		39.84	mg/Kg	10/22/99	EPA 6010
Calcium (Total)		3312.12	mg/Kg	10/22/99	EPA 6010
Chromium (Total)		24.89	mg/Kg	10/22/99	EPA 6010
Cobalt (Total)		12.25	mg/Kg	10/22/99	EPA 6010
Copper (Total)		180.88	mg/Kg	10/22/99	EPA 6010
Iron (Total)		16926.25	mg/Kg	10/22/99	EPA 6010
Lead (Total)		1148.71	mg/Kg	10/22/99	EPA 6010
Magnesium (Total)		1286.88	mg/Kg	10/22/99	EPA 6010
Manganese (Total)		1156.34	mg/Kg	10/22/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/22/99	EPA 6210
Nickel (Total)		12.22	mg/Kg	10/22/99	EPA 6210
Potassium (Total)		1263.82	mg/Kg	10/22/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Silica (Total)		175.73	mg/Kg	10/22/99	EPA 6210
Silver (Total)		2.23	mg/Kg	10/22/99	EPA 6210
Sodium (Total)		145.86	mg/Kg	10/22/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Vanadium (Total)		33.71	mg/Kg	10/22/99	EPA 6210
Zinc (Total)		4173.31	mg/Kg	10/22/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000310PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:45
Date/Time Received: 08/12/99 13:47

Sample Comments: N6500 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13900.76	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		28.72	mg/Kg	10/15/99	EPA 6010
Barium (Total)		188.06	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.27	mg/Kg	10/15/99	EPA 6010
Boron (Total)		7.59	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		25.05	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		2696.82	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		50.60	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		11.63	mg/Kg	10/15/99	EPA 6010
Copper (Total)		174.87	mg/Kg	10/15/99	EPA 6010
Iron (Total)		65991.01	mg/Kg	10/15/99	EPA 6010
Lead (Total)		1080.51	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1169.49	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		1230.35	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		18.42	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1385.43	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		235.25	mg/Kg	10/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		62.66	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		31.24	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		2753.08	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000285PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:18
Date/Time Received: 08/12/99 13:48

Sample Comments: N7300 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22453.26	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		9.55	mg/Kg	09/15/99	EPA 6010
Barium (Total)		360.95	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		1.09	mg/Kg	09/15/99	EPA 6010
Boron (Total)		13.74	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		1.49	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		7427.71	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		38.20	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		11.03	mg/Kg	09/15/99	EPA 6010
Copper (Total)		20.03	mg/Kg	09/15/99	EPA 6010
Iron (Total)		3474.00	mg/Kg	09/15/99	EPA 6010
Lead (Total)		27.24	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2453.39	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		225.00	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		24.04	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		1535.88	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		127.04	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		151.45	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		39.26	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		94.12	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000282PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:13
Date/Time Received: 08/12/99 13:48

Sample Comments: N7400 E7400

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		28626.68	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Barium (Total)		269.99	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		1.15	mg/Kg	09/15/99	EPA 6010
Boron (Total)		13.93	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		1.19	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		4222.08	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		36.81	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		3.88	mg/Kg	09/15/99	EPA 6010
Copper (Total)		20.33	mg/Kg	09/15/99	EPA 6010
Iron (Total)		17465.54	mg/Kg	09/15/99	EPA 6010
Lead (Total)		17.16	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2774.64	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		461.85	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		18.26	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		2056.64	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		155.22	mg/Kg	09/15/99	EPA 6210
Silver (Total)		11.82	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		205.22	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		32.24	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		56.42	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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Kansas Department of Health and Environment
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000321PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:13
Date/Time Received: 08/12/99 13:46

Sample Comments: N5500 E7500A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13083.92	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		33.26	mg/Kg	10/15/99	EPA 6010
Barium (Total)		169.82	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.39	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		95.76	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		4486.08	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		29.61	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		7.31	mg/Kg	10/15/99	EPA 6010
Copper (Total)		372.88	mg/Kg	10/15/99	EPA 6010
Iron (Total)		21489.84	mg/Kg	10/15/99	EPA 6010
Lead (Total)		2172.82	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1304.15	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		438.62	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		22.06	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1275.62	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		216.61	mg/Kg	10/15/99	EPA 6210
Silver (Total)		1.32	mg/Kg	10/15/99	EPA 6210
Sodium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		25.49	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		12770.14	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000320PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:13
Date/Time Received: 08/12/99 13:46

Sample Comments: N5500 E7500B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15183.07	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		34.38	mg/Kg	10/15/99	EPA 6010
Barium (Total)		168.76	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.33	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		89.93	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		4348.85	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		33.99	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		6.85	mg/Kg	10/15/99	EPA 6010
Copper (Total)		383.61	mg/Kg	10/15/99	EPA 6010
Iron (Total)		22340.80	mg/Kg	10/15/99	EPA 6010
Lead (Total)		2143.55	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1470.64	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		393.16	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		23.93	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1499.09	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		315.54	mg/Kg	10/15/99	EPA 6210
Silver (Total)		1.61	mg/Kg	10/15/99	EPA 6210
Sodium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		29.83	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		13516.75	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000318PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 18:15
Date/Time Received: 08/12/99 13:46

Sample Comments: N5600 E7500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14315.91	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		17.47	mg/Kg	10/15/99	EPA 6010
Barium (Total)		218.11	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.46	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		67.16	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		5432.09	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		26.94	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		7.80	mg/Kg	10/15/99	EPA 6010
Copper (Total)		365.42	mg/Kg	10/15/99	EPA 6010
Iron (Total)		18327.14	mg/Kg	10/15/99	EPA 6010
Lead (Total)		1954.60	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1557.19	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		966.96	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		15.46	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1708.54	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		224.74	mg/Kg	10/15/99	EPA 6210
Silver (Total)		1.17	mg/Kg	10/15/99	EPA 6210
Sodium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Thallium (Total)		5.24	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		24.01	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		5526.98	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000319PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:12
Date/Time Received: 08/12/99 13:46

Sample Comments: N5900 E7500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15426.92	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		27.35	mg/Kg	10/15/99	EPA 6010
Barium (Total)		178.50	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)		0.27	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		68.18	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		5909.58	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		28.94	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		6.33	mg/Kg	10/15/99	EPA 6010
Copper (Total)		343.50	mg/Kg	10/15/99	EPA 6010
Iron (Total)		17113.68	mg/Kg	10/15/99	EPA 6010
Lead (Total)		1951.87	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		1495.72	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		420.36	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		18.93	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1658.06	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		174.89	mg/Kg	10/15/99	EPA 6210
Silver (Total)		2.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		67.18	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		29.39	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		10673.08	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000325PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 16:00
Date/Time Received: 08/12/99 13:46

Sample Comments: N6500 E7500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15462.90	mg/Kg	10/22/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/22/99	EPA 6010
Arsenic (Total)		18.28	mg/Kg	10/22/99	EPA 6010
Barium (Total)		150.46	mg/Kg	10/22/99	EPA 6010
Beryllium (Total)		0.84	mg/Kg	10/22/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/22/99	EPA 6010
Cadmium (Total)		23.19	mg/Kg	10/22/99	EPA 6010
Calcium (Total)		3474.09	mg/Kg	10/22/99	EPA 6010
Chromium (Total)		29.82	mg/Kg	10/22/99	EPA 6010
Cobalt (Total)		9.32	mg/Kg	10/22/99	EPA 6010
Copper (Total)		101.90	mg/Kg	10/22/99	EPA 6010
Iron (Total)		22634.52	mg/Kg	10/22/99	EPA 6010
Lead (Total)		4475.16	mg/Kg	10/22/99	EPA 6010
Magnesium (Total)		1328.59	mg/Kg	10/22/99	EPA 6010
Manganese (Total)		910.56	mg/Kg	10/22/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/22/99	EPA 6210
Nickel (Total)		11.57	mg/Kg	10/22/99	EPA 6210
Potassium (Total)		1180.77	mg/Kg	10/22/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Silica (Total)		248.03	mg/Kg	10/22/99	EPA 6210
Silver (Total)		5.41	mg/Kg	10/22/99	EPA 6210
Sodium (Total)		193.60	mg/Kg	10/22/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/22/99	EPA 6210
Vanadium (Total)		36.28	mg/Kg	10/22/99	EPA 6210
Zinc (Total)		2711.46	mg/Kg	10/22/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/26/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000283PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA
Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 13:00
Date/Time Received: 08/12/99 13:48

Sample Comments: N7637 E7500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		22152.15	mg/Kg	09/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	09/15/99	EPA 6010
Arsenic (Total)		7.27	mg/Kg	09/15/99	EPA 6010
Barium (Total)		200.02	mg/Kg	09/15/99	EPA 6010
Beryllium (Total)		0.73	mg/Kg	09/15/99	EPA 6010
Boron (Total)		13.45	mg/Kg	09/15/99	EPA 6010
Cadmium (Total)		1.89	mg/Kg	09/15/99	EPA 6010
Calcium (Total)		14685.00	mg/Kg	09/15/99	EPA 6010
Chromium (Total)		38.36	mg/Kg	09/15/99	EPA 6010
Cobalt (Total)		6.16	mg/Kg	09/15/99	EPA 6010
Copper (Total)		29.32	mg/Kg	09/15/99	EPA 6010
Iron (Total)		22303.63	mg/Kg	09/15/99	EPA 6010
Lead (Total)		24.53	mg/Kg	09/15/99	EPA 6010
Magnesium (Total)		2548.18	mg/Kg	09/15/99	EPA 6010
Manganese (Total)		548.40	mg/Kg	09/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	09/15/99	EPA 6210
Nickel (Total)		18.02	mg/Kg	09/15/99	EPA 6210
Potassium (Total)		2113.08	mg/Kg	09/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Silica (Total)		117.63	mg/Kg	09/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	09/15/99	EPA 6210
Sodium (Total)		124.70	mg/Kg	09/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	09/15/99	EPA 6210
Vanadium (Total)		31.75	mg/Kg	09/15/99	EPA 6210
Zinc (Total)		389.62	mg/Kg	09/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 09/22/99

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REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000323PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:55
Date/Time Received: 08/12/99 13:46

Sample Comments: N6500 E7755

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		11870.40	mg/Kg	10/15/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	10/15/99	EPA 6010
Arsenic (Total)		19.46	mg/Kg	10/15/99	EPA 6010
Barium (Total)		111.45	mg/Kg	10/15/99	EPA 6010
Beryllium (Total)	<	0.10	mg/Kg	10/15/99	EPA 6010
Boron (Total)	<	1.00	mg/Kg	10/15/99	EPA 6010
Cadmium (Total)		2.72	mg/Kg	10/15/99	EPA 6010
Calcium (Total)		164561.61	mg/Kg	10/15/99	EPA 6010
Chromium (Total)		24.20	mg/Kg	10/15/99	EPA 6010
Cobalt (Total)		5.08	mg/Kg	10/15/99	EPA 6010
Copper (Total)		99.96	mg/Kg	10/15/99	EPA 6010
Iron (Total)		14394.24	mg/Kg	10/15/99	EPA 6010
Lead (Total)		58.15	mg/Kg	10/15/99	EPA 6010
Magnesium (Total)		4839.92	mg/Kg	10/15/99	EPA 6010
Manganese (Total)		549.92	mg/Kg	10/15/99	EPA 6010
Molybdenum (Total)	<	2.00	mg/Kg	10/15/99	EPA 6210
Nickel (Total)		14.99	mg/Kg	10/15/99	EPA 6210
Potassium (Total)		1335.19	mg/Kg	10/15/99	EPA 6210
Selenium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Silica (Total)		145.67	mg/Kg	10/15/99	EPA 6210
Silver (Total)	<	1.00	mg/Kg	10/15/99	EPA 6210
Sodium (Total)		118.95	mg/Kg	10/15/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	10/15/99	EPA 6210
Vanadium (Total)		18.07	mg/Kg	10/15/99	EPA 6210
Zinc (Total)		1512.25	mg/Kg	10/15/99	EPA 6210

Reporting Analyst: REH
Date Reported: 10/19/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000368PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 10:54
Date/Time Received: 08/12/99 13:44

Sample Comments: N6400 E5028

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		14423.33	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		21.21	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		1.830	mg/L	11/23/99	EPA 1311
Barium (Total)		216.02	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		1.08	mg/Kg	11/05/99	EPA 6010
Boron (Total)		13.61	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		6.451	mg/L	11/23/99	EPA 1311
Cadmium (Total)		295.16	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		4188.21	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		35.73	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		33.87	mg/Kg	11/05/99	EPA 6010
Copper (Total)		1184.58	mg/Kg	11/05/99	EPA 6010
Iron (Total)		36658.70	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.633	mg/L	11/23/99	EPA 1311
Lead (Total)		904.43	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1797.77	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		1403.87	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1513*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		41.51	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1075.35	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		167.16	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		1.36	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		337.94	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		36.06	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		5862.84	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

< - Not Detected at Indicated Level
* - Holding Time Exceeded

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000364PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 11:38
Date/Time Received: 08/12/99 13:44

Sample Comments: N6900 E5700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		4307.88	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		238.82	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		0.528	mg/L	11/23/99	EPA 1311
Barium (Total)		45.76	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.23	mg/Kg	11/03/99	EPA 6010
Boron (Total)		20.55	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.069	mg/L	11/23/99	EPA 1311
Cadmium (Total)		4.47	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		453.04	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		40.76	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		20.55	mg/Kg	11/03/99	EPA 6010
Copper (Total)		2056.00	mg/Kg	11/03/99	EPA 6010
Iron (Total)		50694.19	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		0.113	mg/L	11/23/99	EPA 1311
Lead (Total)		275.84	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		232.19	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		161.62	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)	<	0.0500*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)		4.89	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		13.63	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		364.49	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		172.37	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		60.17	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		127.59	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		15.78	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		616.73	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

< - Not Detected at Indicated Level
* - Holding Time Exceeded

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000366PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:25
Date/Time Received: 08/12/99 13:44

Sample Comments: N6800 E6200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18254.89	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		9.25	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		1.330	mg/L	11/23/99	EPA 1311
Barium (Total)		176.22	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.69	mg/Kg	11/05/99	EPA 6010
Boron (Total)		7.73	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.107	mg/L	11/23/99	EPA 1311
Cadmium (Total)		9.96	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		3427.28	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		26.20	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		4.51	mg/Kg	11/05/99	EPA 6010
Copper (Total)		145.49	mg/Kg	11/05/99	EPA 6010
Iron (Total)		14950.83	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.306	mg/L	11/23/99	EPA 1311
Lead (Total)		527.73	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1721.46	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		204.45	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)		0.0007*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1495*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		11.69	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1332.83	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		145.59	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		159.37	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		30.02	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1995.91	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000361PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:43
Date/Time Received: 08/12/99 13:45

Sample Comments: N6400 E6500

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16610.80	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		13.93	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.561	mg/L	11/23/99	EPA 1311
Barium (Total)		186.52	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.74	mg/Kg	11/03/99	EPA 6010
Boron (Total)		8.74	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		5.992	mg/L	11/23/99	EPA 1311
Cadmium (Total)		147.29	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4611.19	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		24.44	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		10.59	mg/Kg	11/03/99	EPA 6010
Copper (Total)		389.43	mg/Kg	11/03/99	EPA 6010
Iron (Total)		17387.83	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		8.687	mg/L	11/23/99	EPA 1311
Lead (Total)		2198.24	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1631.55	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1052.52	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.3058*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		22.90	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1357.07	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.085	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		221.56	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		2.06	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		190.07	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		24.87	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		20465.98	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000360PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 09:09
Date/Time Received: 08/12/99 13:45

Sample Comments: N5000 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		4669.71	mg/Kg	11/03/99	EPA 6010
Antimony (Total)		5.06	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		306.15	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.472	mg/L	11/23/99	EPA 1311
Barium (Total)		130.63	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.38	mg/Kg	11/03/99	EPA 6010
Boron (Total)		24.17	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		3.546	mg/L	11/23/99	EPA 1311
Cadmium (Total)		103.06	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		2301.08	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		37.06	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		54.53	mg/Kg	11/03/99	EPA 6010
Copper (Total)		8813.83	mg/Kg	11/03/99	EPA 6010
Iron (Total)		51918.84	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		283.437	mg/L	11/23/99	EPA 1311
Lead (Total)		14794.17	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		938.48	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		320.03	mg/Kg	11/03/99	EPA 6010
Mercury		3.0878	mg/L	09/17/99	EPA 245.2
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Molybdenum (Total)		23.06	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		115.40	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		340.85	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.103	mg/L	11/23/99	EPA 1311
Selenium (Total)		12.09	mg/Kg	11/03/99	EPA 6210
Silica (Total)		240.70	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)		0.014	mg/L	11/23/99	EPA 1311
Silver (Total)		64.38	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		156.16	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		11.42	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		24171.48	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000424PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Dallen
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/12/99 08:50
Date/Time Received: 08/12/99 13:55

Sample Comments: N6400 E6600

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		7800.54	mg/Kg	11/19/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/19/99	EPA 6010
Arsenic (TCLP)		0.121	mg/L	11/23/99	EPA 1311
Arsenic (Total)		50.18	mg/Kg	11/19/99	EPA 6010
Barium (TCLP)		0.472	mg/L	11/23/99	EPA 1311
Barium (Total)		95.63	mg/Kg	11/19/99	EPA 6010
Beryllium (Total)		0.62	mg/Kg	11/19/99	EPA 6010
Boron (Total)		17.52	mg/Kg	11/19/99	EPA 6010
Cadmium (TCLP)		0.011	mg/L	11/23/99	EPA 1311
Cadmium (Total)		119.19	mg/Kg	11/19/99	EPA 6010
Calcium (Total)		4570.04	mg/Kg	11/19/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		31.32	mg/Kg	11/19/99	EPA 6010
Cobalt (Total)		8.72	mg/Kg	11/19/99	EPA 6010
Copper (Total)		553.73	mg/Kg	11/19/99	EPA 6010
Iron (Total)		27031.95	mg/Kg	11/19/99	EPA 6010
Lead (TCLP)		0.449	mg/L	11/23/99	EPA 1311
Lead (Total)		2963.11	mg/Kg	11/19/99	EPA 6010
Magnesium (Total)		922.06	mg/Kg	11/19/99	EPA 6010
Manganese (Total)		361.77	mg/Kg	11/19/99	EPA 6010
Mercury (TCLP)		0.0016*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.5664*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/19/99	EPA 6210
Nickel (Total)		25.54	mg/Kg	11/19/99	EPA 6210
Percent Solids		100.00	Percent	09/24/99	EPA 1311
Potassium (Total)		749.43	mg/Kg	11/19/99	EPA 6210
Selenium (TCLP)		0.051	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Silica (Total)		190.43	mg/Kg	11/19/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		3.67	mg/Kg	11/19/99	EPA 6210
Sodium (Total)		145.59	mg/Kg	11/19/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/19/99	EPA 6210
Vanadium (Total)		20.76	mg/Kg	11/19/99	EPA 6210
Zinc (Total)		21146.08	mg/Kg	11/19/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000371PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:11
Date/Time Received: 08/12/99 13:44

Sample Comments: N6200 E6700

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		13144.35	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		77.29	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		0.428	mg/L	11/23/99	EPA 1311
Barium (Total)		510.26	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.34	mg/Kg	11/05/99	EPA 6010
Boron (Total)		25.77	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.104	mg/L	11/23/99	EPA 1311
Cadmium (Total)		3346.97	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		9787.19	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		41.46	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		23.17	mg/Kg	11/05/99	EPA 6010
Copper (Total)		2430.48	mg/Kg	11/05/99	EPA 6010
Iron (Total)		39781.37	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.436	mg/L	11/23/99	EPA 1311
Lead (Total)		22354.30	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1241.51	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		910.10	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)		0.0028*	mg/L	09/22/99	EPA 1311
Mercury (Total)		3.5291*	mg/Kg	09/17/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		50.04	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		755.81	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)		0.215	mg/L	11/23/99	EPA 1311
Selenium (Total)		15.50	mg/Kg	11/05/99	EPA 6210
Silica (Total)		362.83	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		20.69	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		337.90	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		34.13	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		63528.65	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000369PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 06:57
Date/Time Received: 08/12/99 13:44

Sample Comments: N6300 E6800

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15694.50	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		34.81	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		0.995	mg/L	11/23/99	EPA 1311
Barium (Total)		136.99	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/05/99	EPA 6010
Boron (Total)		7.92	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.576	mg/L	11/23/99	EPA 1311
Cadmium (Total)		42.50	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		4908.84	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		25.47	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		12.06	mg/Kg	11/05/99	EPA 6010
Copper (Total)		970.22	mg/Kg	11/05/99	EPA 6010
Iron (Total)		18318.03	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		4.598	mg/L	11/23/99	EPA 1311
Lead (Total)		3698.77	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1743.55	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		1085.45	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.6017*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		21.66	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1115.13	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		200.68	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		4.29	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		136.75	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		28.74	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		10277.44	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000362PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N5300 E6900A

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		17265.34	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		35.41	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.180	mg/L	11/23/99	EPA 1311
Barium (Total)		171.68	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.51	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		2.679	mg/L	11/23/99	EPA 1311
Cadmium (Total)		86.12	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		26616.07	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		28.91	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		8.66	mg/Kg	11/03/99	EPA 6010
Copper (Total)		1639.52	mg/Kg	11/03/99	EPA 6010
Iron (Total)		20663.06	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		69.294	mg/L	11/23/99	EPA 1311
Lead (Total)		7892.89	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		2094.46	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		683.45	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.4435*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		24.90	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1321.33	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.099	mg/L	11/23/99	EPA 1311
Selenium (Total)		14.57	mg/Kg	11/03/99	EPA 6210
Silica (Total)		170.61	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)		0.048	mg/L	11/23/99	EPA 1311
Silver (Total)		14.84	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		92.99	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		25.85	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		7154.77	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000359PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N5300 E6900B

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		16357.98	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		22.35	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.652	mg/L	11/23/99	EPA 1311
Barium (Total)		169.32	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.85	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.42	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		3.227	mg/L	11/23/99	EPA 1311
Cadmium (Total)		85.96	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		18685.82	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		27.99	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		8.60	mg/Kg	11/03/99	EPA 6010
Copper (Total)		1671.88	mg/Kg	11/03/99	EPA 6010
Iron (Total)		19439.90	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		169.167	mg/L	11/23/99	EPA 1311
Lead (Total)		8315.03	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1955.53	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		612.34	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.5392*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		24.84	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1260.56	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.203	mg/L	11/23/99	EPA 1311
Selenium (Total)		16.86	mg/Kg	11/03/99	EPA 6210
Silica (Total)		245.42	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)		0.015	mg/L	11/23/99	EPA 1311
Silver (Total)		11.98	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		123.90	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		26.16	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		8730.15	mg/Kg	11/03/99	EPA 6210

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000365PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 07:05
Date/Time Received: 08/12/99 13:44

Sample Comments: N6500 E6900

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19707.68	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		19.30	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.425	mg/L	11/23/99	EPA 1311
Barium (Total)		170.79	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.93	mg/Kg	11/03/99	EPA 6010
Boron (Total)		12.13	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.777	mg/L	11/23/99	EPA 1311
Cadmium (Total)		55.18	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4484.66	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		32.84	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		12.94	mg/Kg	11/03/99	EPA 6010
Copper (Total)		253.52	mg/Kg	11/03/99	EPA 6010
Iron (Total)		27514.59	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		0.933	mg/L	11/23/99	EPA 1311
Lead (Total)		1303.35	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1967.80	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1215.87	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1315*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		22.17	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1592.10	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		191.64	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		90.71	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		40.49	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		10208.69	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000370PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:23
Date/Time Received: 08/12/99 13:44

Sample Comments: N5300 E7000

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		15964.52	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		6.43	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		1.533	mg/L	11/23/99	EPA 1311
Barium (Total)		156.04	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.81	mg/Kg	11/05/99	EPA 6010
Boron (Total)		5.78	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.212	mg/L	11/23/99	EPA 1311
Cadmium (Total)		15.93	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		3426.18	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		25.50	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		8.35	mg/Kg	11/05/99	EPA 6010
Copper (Total)		75.96	mg/Kg	11/05/99	EPA 6010
Iron (Total)		16480.89	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.366	mg/L	11/23/99	EPA 1311
Lead (Total)		412.17	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		1345.02	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		608.10	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.1999*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		11.44	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1067.32	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		168.34	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		145.83	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		26.20	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1512.59	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000363PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:19
Date/Time Received: 08/12/99 13:44

Sample Comments: N5000 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		19267.62	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		7.26	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.312	mg/L	11/23/99	EPA 1311
Barium (Total)		262.45	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.90	mg/Kg	11/03/99	EPA 6010
Boron (Total)		8.28	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.508	mg/L	11/23/99	EPA 1311
Cadmium (Total)		34.48	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4358.55	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		29.80	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		9.63	mg/Kg	11/03/99	EPA 6010
Copper (Total)		395.49	mg/Kg	11/03/99	EPA 6010
Iron (Total)		22476.33	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		3.142	mg/L	11/23/99	EPA 1311
Lead (Total)		2081.91	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		2074.72	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		917.78	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)		0.5593*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		16.69	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1581.10	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		249.57	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		2.21	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		67.07	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		29.46	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		1067.10	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000357PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:50
Date/Time Received: 08/12/99 13:45

Sample Comments: N6000 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		10673.24	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		70.72	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.300	mg/L	11/23/99	EPA 1311
Barium (Total)		179.19	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.69	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.59	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		1.382	mg/L	11/23/99	EPA 1311
Cadmium (Total)		50.93	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		2172.63	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		25.36	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		14.73	mg/Kg	11/03/99	EPA 6010
Copper (Total)		842.29	mg/Kg	11/03/99	EPA 6010
Iron (Total)		25832.11	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		15.284	mg/L	11/23/99	EPA 1311
Lead (Total)		3878.81	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		978.57	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		649.62	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.7287*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		18.23	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		853.13	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.077	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		232.59	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		6.84	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		74.29	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		30.76	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		13383.65	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000356PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:42
Date/Time Received: 08/12/99 13:45

Sample Comments: N6200 E7100

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21453.71	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		9.76	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.274	mg/L	11/23/99	EPA 1311
Barium (Total)		220.89	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.98	mg/Kg	11/03/99	EPA 6010
Boron (Total)		8.18	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.629	mg/L	11/23/99	EPA 1311
Cadmium (Total)		28.82	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		3459.19	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		28.88	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		15.81	mg/Kg	11/03/99	EPA 6010
Copper (Total)		125.00	mg/Kg	11/03/99	EPA 6010
Iron (Total)		19373.99	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		0.598	mg/L	11/23/99	EPA 1311
Lead (Total)		678.64	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1915.38	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1492.12	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.1534*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		16.96	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1521.09	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.076	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		199.09	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		71.84	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		30.82	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		3087.35	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000367PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/11/99 08:14
Date/Time Received: 08/12/99 13:44

Sample Comments: N5200 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		21398.17	mg/Kg	11/05/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/05/99	EPA 6010
Arsenic (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Arsenic (Total)		6.54	mg/Kg	11/05/99	EPA 6010
Barium (TCLP)		2.105	mg/L	11/23/99	EPA 1311
Barium (Total)		193.02	mg/Kg	11/05/99	EPA 6010
Beryllium (Total)		0.87	mg/Kg	11/05/99	EPA 6010
Boron (Total)		8.47	mg/Kg	11/05/99	EPA 6010
Cadmium (TCLP)		0.130	mg/L	11/23/99	EPA 1311
Cadmium (Total)		14.70	mg/Kg	11/05/99	EPA 6010
Calcium (Total)		14799.65	mg/Kg	11/05/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		28.13	mg/Kg	11/05/99	EPA 6010
Cobalt (Total)		9.85	mg/Kg	11/05/99	EPA 6010
Copper (Total)		73.74	mg/Kg	11/05/99	EPA 6010
Iron (Total)		17778.45	mg/Kg	11/05/99	EPA 6010
Lead (TCLP)		0.133	mg/L	11/23/99	EPA 1311
Lead (Total)		379.03	mg/Kg	11/05/99	EPA 6010
Magnesium (Total)		2090.29	mg/Kg	11/05/99	EPA 6010
Manganese (Total)		833.95	mg/Kg	11/05/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/22/99	EPA 1311
Mercury (Total)	<	0.0500*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/05/99	EPA 6210
Nickel (Total)		13.86	mg/Kg	11/05/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1953.73	mg/Kg	11/05/99	EPA 6210
Selenium (TCLP)	<	0.050	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Silica (Total)		173.68	mg/Kg	11/05/99	EPA 6210
Silver (TCLP)		0.025	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/05/99	EPA 6210
Sodium (Total)		84.78	mg/Kg	11/05/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/05/99	EPA 6210
Vanadium (Total)		29.91	mg/Kg	11/05/99	EPA 6210
Zinc (Total)		1267.22	mg/Kg	11/05/99	EPA 6210

Reporting Analyst: REH
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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000354PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:55
Date/Time Received: 08/12/99 13:45

Sample Comments: N5700 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		9701.83	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.070	mg/L	11/23/99	EPA 1311
Arsenic (Total)		51.01	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		2.854	mg/L	11/23/99	EPA 1311
Barium (Total)		294.76	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.58	mg/Kg	11/03/99	EPA 6010
Boron (Total)		18.44	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		2.445	mg/L	11/23/99	EPA 1311
Cadmium (Total)		122.89	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		4220.79	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		30.32	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		14.43	mg/Kg	11/03/99	EPA 6010
Copper (Total)		1361.37	mg/Kg	11/03/99	EPA 6010
Iron (Total)		25534.29	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		14.749	mg/L	11/23/99	EPA 1311
Lead (Total)		3892.40	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		968.22	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		814.49	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.6698*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		29.63	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		771.23	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.090	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		186.47	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		6.51	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		135.81	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		29.71	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		39348.51	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000355PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 14:57
Date/Time Received: 08/12/99 13:45

Sample Comments: N6000 E7200

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		18979.43	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.055	mg/L	11/23/99	EPA 1311
Arsenic (Total)		16.31	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		1.645	mg/L	11/23/99	EPA 1311
Barium (Total)		140.55	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)		0.89	mg/Kg	11/03/99	EPA 6010
Boron (Total)		10.12	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		0.502	mg/L	11/23/99	EPA 1311
Cadmium (Total)		22.58	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		3529.69	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		30.01	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		16.90	mg/Kg	11/03/99	EPA 6010
Copper (Total)		226.79	mg/Kg	11/03/99	EPA 6010
Iron (Total)		21713.46	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		3.132	mg/L	11/23/99	EPA 1311
Lead (Total)		1320.63	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		1613.53	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		1103.27	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.3342*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)	<	2.00	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		14.48	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		1296.71	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.078	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		170.22	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)	<	1.00	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		111.88	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		34.14	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		4240.38	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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* - Holding Time Exceeded

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DIVISION OF HEALTH & ENVIRONMENTAL LABORATORIES
Kansas Department of Health and Environment
Forbes Field, Bldg. 740, Topeka, Kansas 66620-0001

REPORT OF ANALYSIS

INORGANIC CHEMISTRY

Report To: Randy Brown-BER

Lab Number: 000358PT

Site ID:
Account Code: EJ

Collection Location: C30630026 National Zinc BTA

Collector: Laura Rand/Jeff Neel
Matrix: Soil
Collect Depth: 0
Date/Time Collected: 08/10/99 15:38
Date/Time Received: 08/12/99 13:45

Sample Comments: N5700 E7300

Parameter		Analytical Result	Units	Analysis Date	Analytical Method
Aluminum (Total)		6933.54	mg/Kg	11/03/99	EPA 6010
Antimony (Total)	<	5.00	mg/Kg	11/03/99	EPA 6010
Arsenic (TCLP)		0.078	mg/L	11/23/99	EPA 1311
Arsenic (Total)		265.25	mg/Kg	11/03/99	EPA 6010
Barium (TCLP)		5.773	mg/L	11/23/99	EPA 1311
Barium (Total)		583.07	mg/Kg	11/03/99	EPA 6010
Beryllium (Total)	<	0.10	mg/Kg	11/03/99	EPA 6010
Boron (Total)		34.30	mg/Kg	11/03/99	EPA 6010
Cadmium (TCLP)		3.927	mg/L	11/23/99	EPA 1311
Cadmium (Total)		236.55	mg/Kg	11/03/99	EPA 6010
Calcium (Total)		6655.24	mg/Kg	11/03/99	EPA 6010
Chromium (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Chromium (Total)		46.52	mg/Kg	11/03/99	EPA 6010
Cobalt (Total)		27.87	mg/Kg	11/03/99	EPA 6010
Copper (Total)		2486.35	mg/Kg	11/03/99	EPA 6010
Iron (Total)		60313.97	mg/Kg	11/03/99	EPA 6010
Lead (TCLP)		42.334	mg/L	11/23/99	EPA 1311
Lead (Total)		6771.72	mg/Kg	11/03/99	EPA 6010
Magnesium (Total)		837.90	mg/Kg	11/03/99	EPA 6010
Manganese (Total)		4669.52	mg/Kg	11/03/99	EPA 6010
Mercury (TCLP)	<	0.0005*	mg/L	09/17/99	EPA 1311
Mercury (Total)		0.0832*	mg/Kg	09/14/99	EPA 245.2
Molybdenum (Total)		7.45	mg/Kg	11/03/99	EPA 6210
Nickel (Total)		58.91	mg/Kg	11/03/99	EPA 6210
Percent Solids		100.00	Percent	09/08/99	EPA 1311
Potassium (Total)		188.46	mg/Kg	11/03/99	EPA 6210
Selenium (TCLP)		0.086	mg/L	11/23/99	EPA 1311
Selenium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Silica (Total)		274.65	mg/Kg	11/03/99	EPA 6210
Silver (TCLP)	<	0.010	mg/L	11/23/99	EPA 1311
Silver (Total)		28.92	mg/Kg	11/03/99	EPA 6210
Sodium (Total)		183.39	mg/Kg	11/03/99	EPA 6210
Thallium (Total)	<	5.00	mg/Kg	11/03/99	EPA 6210
Vanadium (Total)		30.72	mg/Kg	11/03/99	EPA 6210
Zinc (Total)		99930.13	mg/Kg	11/03/99	EPA 6210

Reporting Analyst: REH
Date Reported: 11/24/99

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