

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-ACID WATER
Sample Name: HAS-B1-ACID WATER
Date Sampled: July 29, 1993
Lab Sample ID: P308005-40 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	1	< .15	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	< .2	.2	.4	MG/L	Aug 21, 1993
IRON	1	< .1	.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	< .0400	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-CONT SOIL
Sample Name: HAS-B1-CONT SOIL
Date Sampled: July 29, 1993
Lab Sample ID: P308005-19 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	48	23200	7.2	24	UG/G	Aug 21, 1993
CALCIUM	48	1620	9.6	19.2	UG/G	Aug 21, 1993
IRON	48	10200	4.8	4.8	UG/G	Aug 21, 1993
LEAD	48	578	4.8	4.8	UG/G	Aug 21, 1993
MAGNESIUM	48	1440	1.92	4.8	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004960

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-DF1-LIQUID-2
Sample Name: HAS-B1-DF1-LIQUID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-36 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	1	8.04	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	404	.2	.4	MG/L	Aug 21, 1993
IRON	1	1.11	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.26	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	176	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-DF1-SOLID 2
Sample Name: HAS-B1-DF1-SOLID 2
Date Sampled: July 28, 1993
Lab Sample ID: F308005-16 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	43.1	675	6.47	21.6	UG/G	Aug 21, 1993
CALCIUM	43.1	627	8.62	17.2	UG/G	Aug 21, 1993
IRON	43.1	383	4.31	4.31	UG/G	Aug 21, 1993
LEAD	43.1	18.2	4.31	4.31	UG/G	Aug 21, 1993
MAGNESIUM	43.1	160	1.72	4.31	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004962

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-DF2-LIQUID-2
Sample Name: HAS-B1-DF2-LIQUID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-37 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	1	6.13	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	306	.2	.4	MG/L	Aug 21, 1993
IRON	1	.748	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.347	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	186	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004963

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-DF2-SOLID 2
Sample Name: HAS-B1-DF2-SOLID 2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-17 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	47.8	1020	7.17	23.9	UG/G	Aug 21, 1993
CALCIUM	47.8	753	9.56	19.1	UG/G	Aug 21, 1993
IRON	47.8	554	4.78	4.78	UG/G	Aug 21, 1993
LEAD	47.8	24.5	4.78	4.78	UG/G	Aug 21, 1993
MAGNESIUM	47.8	212	1.91	4.78	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004964

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-DF3-LIQUID-2
Sample Name: HAS-B1-DF3-LIQUID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-38 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	1	7.36	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	311	.2	.4	MG/L	Aug 21, 1993
IRON	1	1.02	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.299	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	193	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004965

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-DF3-SOLID 2
Sample Name: HAS-B1-DF3-SOLID 2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-18 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	44.2	1510	6.63	22.1	UG/G	Aug 21, 1993
CALCIUM	44.2	1250	8.84	17.7	UG/G	Aug 21, 1993
IRON	44.2	677	4.42	4.42	UG/G	Aug 21, 1993
LEAD	44.2	41.2	4.42	4.42	UG/G	Aug 21, 1993
MAGNESIUM	44.2	366	1.77	4.42	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004966

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-LIQUID-12
Sample Name: HAS-B1-F1-LIQUID-12
Date Sampled: July 28, 1993
Lab Sample ID: P308005-24 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	10.4	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	33	.2	.4	MG/L	Aug 21, 1993
IRON	1	4.43	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.152	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	50.2	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004967

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-LIQUID-2
Sample Name: HAS-B1-F1-LIQUID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-21 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	8.36	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	415	.2	.4	MG/L	Aug 21, 1993
IRON	1	1.35	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.3	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	180	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-LIQUID-24
Sample Name: HAS-B1-F1-LIQUID-24
Date Sampled: July 29, 1993
Lab Sample ID: P308005-25 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	14.5	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	214	.2	.4	MG/L	Aug 21, 1993
IRON	1	4.88	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.43	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	91.2	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-LIQUID-4
Sample Name: HAS-B1-F1-LIQUID-4
Date Sampled: July 28, 1993
Lab Sample ID: P308005-22 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	9.41	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	76.2	.2	.4	MG/L	Aug 21, 1993
IRON	1	1.82	.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	74.6	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004970

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-LIQUID-8
Sample Name: HAS-B1-F1-LIQUID-8
Date Sampled: July 28, 1993
Lab Sample ID: P308005-23 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	10.8	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	36.9	.2	.4	MG/L	Aug 21, 1993
IRON	1	3.81	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.118	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	58.8	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004971

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-SOLID-12
Sample Name: HAS-B1-F1-SOLID-12
Date Sampled: July 28, 1993
Lab Sample ID: P308005-04 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	48	300	7.2	24	UG/G	Aug 21, 1993
CALCIUM	48	1880	9.6	19.2	UG/G	Aug 21, 1993
IRON	48	145	4.8	4.8	UG/G	Aug 21, 1993
LEAD	48	13.5	4.8	4.8	UG/G	Aug 21, 1993
MAGNESIUM	48	370	1.92	4.8	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004972

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-SOLID-2
Sample Name: HAS-B1-F1-SOLID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-01 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	50	678	7.5	25	UG/G	Aug 21, 1993
CALCIUM	50	582	9.99	20	UG/G	Aug 21, 1993
IRON	50	364	5	5	UG/G	Aug 21, 1993
LEAD	50	19.6	5	5	UG/G	Aug 21, 1993
MAGNESIUM	50	145	2	5	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-SOLID-24
Sample Name: HAS-B1-F1-SOLID-24
Date Sampled: July 29, 1993
Lab Sample ID: P308005-05 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	46.4	445	6.96	23.2	UG/G	Aug 21, 1993
CALCIUM	46.4	1200	9.28	18.6	UG/G	Aug 21, 1993
IRON	46.4	223	4.64	4.64	UG/G	Aug 21, 1993
LEAD	46.4	14.6	4.64	4.64	UG/G	Aug 21, 1993
MAGNESIUM	46.4	201	1.86	4.64	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F1-SOLID-4
Sample Name: HAS-B1-F1-SOLID-4
Date Sampled: July 28, 1993
Lab Sample ID: P308005-02 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	50	713	7.49	25	UG/G	Aug 21, 1993
CALCIUM	50	2060	9.99	20	UG/G	Aug 21, 1993
IRON	50	369	5	5	UG/G	Aug 21, 1993
LEAD	50	21.1	5	5	UG/G	Aug 21, 1993
MAGNESIUM	50	351	2	5	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004975

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-BI-FI-SOLID-8
Sample Name: HAS-BI-FI-SOLID-8
Date Sampled: July 28, 1993
Lab Sample ID: P308005-03 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	49.5	534	7.42	24.7	UG/G	Aug 21, 1993
CALCIUM	49.5	1890	9.9	19.8	UG/G	Aug 21, 1993
IRON	49.5	277	4.95	4.95	UG/G	Aug 21, 1993
LEAD	49.5	17.7	4.95	4.95	UG/G	Aug 21, 1993
MAGNESIUM	49.5	376	1.98	4.95	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-LIQUID-12
Sample Name: HAS-B1-F2-LIQUID-12
Date Sampled: July 28, 1993
Lab Sample ID: P308005-29 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	9.56	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	37.3	.2	.4	MG/L	Aug 21, 1993
IRON	1	3.66	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.11	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	71.4	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-LIQUID-24
Sample Name: HAS-B1-F2-LIQUID-24
Date Sampled: July 29, 1993
Lab Sample ID: F308005-30 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	21.2	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	213	.2	.4	MG/L	Aug 21, 1993
IRON	1	9.61	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.597	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	115	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-LIQUID-4
Sample Name: HAS-B1-F2-LIQUID-4
Date Sampled: July 28, 1993
Lab Sample ID: P308005-27 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	8.26	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	58	.2	.4	MG/L	Aug 21, 1993
IRON	1	1.84	.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	76	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-LIQUID-8
Sample Name: HAS-B1-F2-LIQUID-8
Date Sampled: July 28, 1993
Lab Sample ID: P308005-28 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	8.61	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	42.6	.2	.4	MG/L	Aug 21, 1993
IRON	1	2.54	.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	71.4	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004981

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-SOLID-12
Sample Name: HAS-B1-F2-SOLID-12
Date Sampled: July 28, 1993
Lab Sample ID: P308005-09 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	43.8	328	6.57	21.9	UG/G	Aug 21, 1993
CALCIUM	43.8	1480	8.76	17.5	UG/G	Aug 21, 1993
IRON	43.8	171	4.38	4.38	UG/G	Aug 21, 1993
LEAD	43.8	13.2	4.38	4.38	UG/G	Aug 21, 1993
MAGNESIUM	43.8	338	1.75	4.38	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004982

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-SOLID-2
Sample Name: HAS-B1-F2-SOLID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-06 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	45.3	857	6.8	22.7	UG/G	Aug 21, 1993
CALCIUM	45.3	408	9.06	18.1	UG/G	Aug 21, 1993
IRON	45.3	454	4.53	4.53	UG/G	Aug 21, 1993
LEAD	45.3	21.5	4.53	4.53	UG/G	Aug 21, 1993
MAGNESIUM	45.3	106	1.81	4.53	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004983

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-SOLID-24
Sample Name: HAS-B1-F2-SOLID-24
Date Sampled: July 29, 1993
Lab Sample ID: P308005-10 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	45.4	487	6.81	22.7	UG/G	Aug 21, 1993
CALCIUM	45.4	870	9.08	18.2	UG/G	Aug 21, 1993
IRON	45.4	263	4.54	4.54	UG/G	Aug 21, 1993
LEAD	45.4	13.7	4.54	4.54	UG/G	Aug 21, 1993
MAGNESIUM	45.4	157	1.82	4.54	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004984

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-SOLID-4
Sample Name: HAS-B1-F2-SOLID-4
Date Sampled: July 28, 1993
Lab Sample ID: P308005-07 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	49.2	532	7.38	24.6	UG/G	Aug 21, 1993
CALCIUM	49.2	2710	9.84	19.7	UG/G	Aug 21, 1993
IRON	49.2	277	4.92	4.92	UG/G	Aug 21, 1993
LEAD	49.2	26.2	4.92	4.92	UG/G	Aug 21, 1993
MAGNESIUM	49.2	601	1.97	4.92	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004985

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F2-SOLID-8
Sample Name: HAS-B1-F2-SOLID-8
Date Sampled: July 28, 1993
Lab Sample ID: P308005-08 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	46	942	6.9	23	UG/G	Aug 21, 1993
CALCIUM	46	3620	9.2	18.4	UG/G	Aug 21, 1993
IRON	46	510	4.6	4.6	UG/G	Aug 21, 1993
LEAD	46	33	4.6	4.6	UG/G	Aug 21, 1993
MAGNESIUM	46	764	1.84	4.6	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-LIQUID-12
Sample Name: HAS-B1-F3-LIQUID-12
Date Sampled: July 28, 1993
Lab Sample ID: P308005-34 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	11.1	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	26.9	.2	.4	MG/L	Aug 21, 1993
IRON	1	5.12	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.143	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	62.5	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004987

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-LIQUID-2
Sample Name: HAS-B1-F3-LIQUID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-31 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	7.83	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	309	.2	.4	MG/L	Aug 21, 1993
IRON	1	1.45	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.283	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	189	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-LIQUID-24
Sample Name: HAS-B1-F3-LIQUID-24
Date Sampled: July 29, 1993
Lab Sample ID: P308005-35 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	10.7	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	81.4	.2	.4	MG/L	Aug 21, 1993
IRON	1	4.09	.1	.1	MG/L	Aug 21, 1993
LEAD	1	.359	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	91.1	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004989

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-LIQUID-4
Sample Name: HAS-B1-F3-LIQUID-4
Date Sampled: July 28, 1993
Lab Sample ID: P308005-32 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	1	8.73	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	57.6	.2	.4	MG/L	Aug 21, 1993
IRON	1	2.3	.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	84	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004990

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-LIQUID-8
Sample Name: HAS-B1-F3-LIQUID-8
Date Sampled: July 28, 1993
Lab Sample ID: P308005-33 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

<u>Analyte/Parameter</u>	<u>Dilution</u>	<u>Result</u>	<u>MDL</u>	<u>PQL</u>	<u>Unit</u>	<u>Date Analyzed</u>
ALUMINUM	1	10.7	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	35.3	.2	.4	MG/L	Aug 21, 1993
IRON	1	4.42	.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1	.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	69.9	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-SOLID-12
Sample Name: HAS-B1-F3-SOLID-12
Date Sampled: July 28, 1993
Lab Sample ID: P308005-14 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	44.9	1120	6.74	22.5	UG/G	Aug 21, 1993
CALCIUM	44.9	3420	8.99	18	UG/G	Aug 21, 1993
IRON	44.9	590	4.49	4.49	UG/G	Aug 21, 1993
LEAD	44.9	32.7	4.49	4.49	UG/G	Aug 21, 1993
MAGNESIUM	44.9	898	1.8	4.49	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004992

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-SOLID-2
Sample Name: HAS-B1-F3-SOLID-2
Date Sampled: July 28, 1993
Lab Sample ID: P308005-11 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	46.1	428	6.92	23.1	UG/G	Aug 21, 1993
CALCIUM	46.1	321	9.23	18.4	UG/G	Aug 21, 1993
IRON	46.1	241	4.61	4.61	UG/G	Aug 21, 1993
LEAD	46.1	13.2	4.61	4.61	UG/G	Aug 21, 1993
MAGNESIUM	46.1	84.8	1.84	4.61	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004993

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-SOLID-24
Sample Name: HAS-B1-F3-SOLID-24
Date Sampled: July 29, 1993
Lab Sample ID: F308005-15 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	45	2620	6.75	22.5	UG/G	Aug 21, 1993
CALCIUM	45	6920	9	18	UG/G	Aug 21, 1993
IRON	45	864	4.5	4.5	UG/G	Aug 21, 1993
LEAD	45	68.2	4.5	4.5	UG/G	Aug 21, 1993
MAGNESIUM	45	1500	1.8	4.5	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-SOLID-4
Sample Name: HAS-B1-F3-SOLID-4
Date Sampled: July 28, 1993
Lab Sample ID: F308005-12 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	46.4	295	6.96	23.2	UG/G	Aug 21, 1993
CALCIUM	46.4	1400	9.28	18.6	UG/G	Aug 21, 1993
IRON	46.4	162	4.64	4.64	UG/G	Aug 21, 1993
LEAD	46.4	14.3	4.64	4.64	UG/G	Aug 21, 1993
MAGNESIUM	46.4	318	1.86	4.64	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-F3-SOLID-8
Sample Name: HAS-B1-F3-SOLID-8
Date Sampled: July 28, 1993
Lab Sample ID: P308005-13 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	47.2	1980	7.08	23.6	UG/G	Aug 21, 1993
CALCIUM	47.2	5080	9.44	18.9	UG/G	Aug 21, 1993
IRON	47.2	794	4.72	4.72	UG/G	Aug 21, 1993
LEAD	47.2	50.7	4.72	4.72	UG/G	Aug 21, 1993
MAGNESIUM	47.2	1210	1.89	4.72	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004996

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-PURINA CHOW
Sample Name: HAS-B1-PURINA CHOW
Date Sampled: July 29, 1993
Lab Sample ID: P308005-20 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3051

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed
ALUMINUM	49.3	46.8	7.4	24.7	UG/G	Aug 21, 1993
CALCIUM	49.3	8540	9.86	19.7	UG/G	Aug 21, 1993
IRON	49.3	198	4.93	4.93	UG/G	Aug 21, 1993
LEAD	49.3	< 4.93	4.93	4.93	UG/G	Aug 21, 1993
MAGNESIUM	49.3	1460	1.97	4.93	UG/G	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004997

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Location: HASKELL
Project Name: GASTRIC LEACHING ANALYTICAL
Sample Source: HAS-B1-WATER
Sample Name: HAS-B1-WATER
Date Sampled: July 29, 1993
Lab Sample ID: P308005-39 Analysis Lab: PONCA CITY

Method Number: NAP6010

Prep Method: 3015

Analyte/Parameter	Dilution	Result	MDL	PQL	Unit	Date Analyzed	
ALUMINUM	1	.173	*	.15	.5	MG/L	Aug 21, 1993
CALCIUM	1	< .2		.2	.4	MG/L	Aug 21, 1993
IRON	1	< .1		.1	.1	MG/L	Aug 21, 1993
LEAD	1	< .1		.1	.1	MG/L	Aug 21, 1993
MAGNESIUM	1	.0421	*	.0400	.1	MG/L	Aug 21, 1993

Comments:

6010: ALUMINUM, CALCIUM, IRON, AND MAGNESIUM ARE REPORTED AT NO ADDITIONAL CHARGE. THESE ELEMENTS ARE REQUIRED BY ICP FOR INTERELEMENT CORRECTIONS.

DUP040004998