WESTON
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TECHNICAL ASSISTANCE TEAM FOR EMERGENCY RESPONSE REMOVAL AND PREVENTION
EPA CONTRACT 68-WO-0036

# TRANSMITTAL MEMO

To: Joe Cosentino, OSC
Removal Action Branch, U.S. EPA Region II

From: Smita Sumbaly, Data Reviewer
Heidemarie Adenau, PM
TAT Region II

Subject: Documentation of Transmittal

Date: June 20,1995

The purpose of this memo is to transmit the following information:

Site: Bayonne Drum & Barrel Co Site

Subject:

1. Data validation results for the following parameters:
   TAL + CN 15 samples
2. Matrices and Number ofSamples:
   Soil 13 samples
   Aqueous 02 samples
3. Sampling date: April 05, 1995
4. Final data assessment narrative and original analytical data package sent to Joe Cosentino,OSC on June 20, 1995.

cc: TAT PM Heidemarie Adenau
TAT FILE TDD #: 02-9504-L001
TDD #: 02-9410-0090C
WO #: 0446

343071

# U.S. ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE: June 09, 1995

TO: Joe Cosentino, OSC
USEPA Region II

FROM: Smita Sumbaly
TAT Data Review Team

SUBJECT: QA/QC Compliance Review Summary

As requested quality control and performance measures for the data packages noted have been examined and compared to EPA standards for compliance. Measures for the following general areas were evaluated:

| | |
|---|---|
| Data Completeness | Blanks |
| Spectra Matching Quality | DFTPP and BFB Tuning |
| Surrogate Spikes | Chromatography |
| Matrix Spikes/Duplicates | Holding Times |
| Calibration | Compound ID (HSL, TIC) |

Any statistical measures used to support the following conclusions are attached so that the review may be reviewed by others.

Summary of Results

| | I Volatiles | II B/N/A | III Pesticide | IV Metals |
|---|---|---|---|---|
| Acceptable as Submitted | | | | |
| Acceptable with Comments | | | | X |
| Unacceptable, Action Pending | | | | |
| Unacceptable | | | | |

Data Reviewed by: Smita Sumbaly Date: 06/09/95

Review Authorized By: _____ Date: _____

Signature: _____

Area Code/Phone No.: (908) 225-6116

# NARRATIVE

**CASE No.0446**

**SITE NAME:** Bayonne Drum and Barrel Co

Newark,New Jersey.

**Laboratory Name:** NYtest Environmental,Inc.

**INTRODUCTION:**

The laboratory's portion of this Case consisted of 15 samples collected on 04/05/95.

The laboratory reported No problem(s) with the receipt of these samples.

The laboratory reported No problems with the analyses of Metals & Cyanide compounds.

The evaluator has commented on the criteria specified under each fraction heading. All criteria have been assessed, but no discussion is given where the evaluator has determined that criteria were adequately performed or require no comment. Details relevant to these comments are given on the forms followed.

IV. Inorganic:

_Y_ Data Summary/Tablulated Results
_Y_ Initial and Continuing Calibration
_Y_ Blanks
_Y_ ICP Interference Check
_Y_ Spike Sample Recovery
_Y_ Duplicates
_Y_ Detection Limits
_Y_ Standard Addition Results
_Y_ ICP Serial Dilutions
_Y_ Holding Times
_Y_ ICP Interelement Correction Factors
_Y_ ICP Linear Ranges
_Y_ Chain of Custody
_Y_ Raw Data
_Y_ Quantitation, Conversions, Dilutions, etc.

Comments:

1. Refer Data Assessment Narrative

# OTHER ANALYTES WORK TABLE

Project: Bayonne Barrel & Drum Co

TAT PM: Heidemarie Adenau

Sampling Date: April 05,1995

Sample#/Concentration(2/ug/l)

| METALS/CN ANALYTES | Instrument Detection Range | Sample ID BBFB03 | Sample ID BBRB03 | | | | |
|---|---|---|---|---|---|---|---|
| Percent Solids | | | | | | | |
| Aluminum | 24.0 | U | U | | | | |
| Antimony | 38.0 | U | U | | | | |
| Arsenic | 5.0 | U | U | | | | |
| Barium | 8.0 | U | U | | | | |
| Beryllium | 1.0 | U | U | | | | |
| Cadmium | 2.0 | U J | U | | | | |
| Calcium | 649.0 | U | U | | | | |
| Chromium | 5.0 | U | U | | | | |
| Cobalt | 7.0 | U | U | | | | |
| Copper | 4.0 | U | U | | | | |
| Iron | 13.0 | 18.1 B | U | | | | |
| Lead | 30.0 | U | U | | | | |
| Magnesium | 431.0 | U | U | | | | |
| Manganese | 1.0 | U | U | | | | |
| Mercury | 0.2 | U | U | | | | |
| Nickel | 27.0 | U | U | | | | |
| Potassium | 661.0 | 1310.0 B | U | | | | |
| Selenium | 5.0 | U | U | | | | |
| Silver | 6.0 | U | U | | | | |
| Sodium | 350.0 | U | U | | | | |
| Thallium | 5.0 | U | U | | | | |
| Vanadium | 15.0 | U | U | | | | |
| Zinc | 5.0 | U | U | | | | |
| Cyanide | | U | U | | | | |
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Inorganic Qualifiers

U – non-detected compound

J – estimated value

B – between the instrument detection limit (IDL) and the method detection limit (MDL)

R – rejected compound

# OTHER ANALYTES WORK TABLE

Project: Bayonne Barrel & Drum Co

TAT PM: Heidemarie Adenau

Sampling Date: April 05,1995

Sample#/Concentration(6/mg/kg)

| METALS/CN ANALYTES | Instrument Detection Range | Sample ID BBSS10 | Sample ID BBSS11 | Sample ID BBSS12 | Sample ID BBSS13 | Sample ID BBSS14 | Sampl ID BBSS15 |
|---|---|---|---|---|---|---|---|
| Percent Solids | | 82.0 | 79.0 | 81.0 | 74.0 | 85.0 | 75.0 |
| Aluminum | 24.0 | 7650.0 | 7570.0 | 5780.0 | 5480.0 | 5140.0 | 8480.0 |
| Antimony | 38.0 | 35.6 J | 521.0 J | 104.0 J | 765.0 J | 161.0 J | 1600.0 J |
| Arsenic | 5.0 | 14.5 | 64.6 | 21.6 | 31.0 | 12.7 J | 20.3 J |
| Barium | 8.0 | 6140.0 | 1870.0 | 4010.0 | 4200.0 | 3020.0 | 8660.0 |
| Beryllium | 1.0 | 0.36 B | 0.45 B | 0.36 B | 0.45 B | 0.36 B | 1.0 |
| Cadmium | 2.0 | 14.2 | 17.2 | 59.2 | 107.0 | 25.3 | 185.0 |
| Calcium | 649.0 | 3220.0 | 5080.0 | 10100.0 | 5800.0 J | 4890.0 | 5030.0 |
| Chromium | 5.0 | 204.0 J | 242.0 J | 775.0 J | 468.0 J | 4990.0 J | 777.0 J |
| Cobalt | 7.0 | 39.5 | 20.8 | 65.6 | 47.7 | 38.9 | 75.2 |
| Copper | 4.0 | 1740.0 | 2940.0 | 1480.0 | 650.0 | 4440.0 | 1310.0 |
| Iron | 13.0 | 67800.0 | 56900.0 | 66100.0 | 37100.0 | 136000.0 | 87200.0 |
| Lead | 30.0 | 1640.0 | 27700.0 | 13100.0 | 21000.0 | 26500.0 | 13600.0 |
| Magnesium | 431.0 | 1330.0 | 1510.0 | 1990.0 | 3120.0 | 1550.0 | 4110.0 |
| Manganese | 1.0 | 356.0 | 247.0 | 1380.0 | 1280.0 | 788.0 | 483.0 |
| Mercury | 0.2 | 18.9 | 12.7 | 4.8 | 5.3 | 19.3 | 14.1 |
| Nickel | 27.0 | 291.0 | 105.0 | 264.0 | 142.0 | 398.0 | 294.0 |
| Potassium | 661.0 | 361.0 B | 393.0 B | 350.0 B | 264.0 B | 282.0 B | 517.0 B |
| Selenium | 5.0 | 2.2 J | 4.3 J | 4.7 J | 5.0 J | 1.3 J | 14.5 J |
| Silver | 6.0 | U | U | U | U | U | U |
| Sodium | 350.0 | 170.0 B | 320.0 B | 571.0 | 444.0 B | 245.0 B | 428.0 B |
| Thallium | 5.0 | U | U | U | U | U | U |
| Vanadium | 15.0 | 28.8 J | 43.0 J | 16.6 | 44.0 J | 43.3 J | 55.2 J |
| Zinc | 5.0 | 3150.0 | 19300.0 | 6030.0 | 26000.0 | 6820.0 | 9520.0 |
| Cyanide | | U | U | 0.86 | 4.86 | 71.29 | 8.53 |
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Inorganic Qualifiers

U – non-detected compound

J – estimated value

B – between the instrument detection limit (IDL) and the method detection limit (MDL)

R – rejected compound

# OTHER ANALYTES WORK TABLE

Project: Bayonne Barrel & Drum Co

TAT PM: Heidemarie Adenau

Sampling Date: April 05,1995

Sample#/Concentration (6/mg/kg)

| METALS/CN ANALYTES | Instrument Detection Range | Sample ID BBSS16 | Sample ID BBSS17 | Sample ID BBSS18 | Sample ID BBSS19 | Sample ID BBSS20 | Sample ID BBSS21 |
|---|---|---|---|---|---|---|---|
| Percent Solids | | 89.0 | 83.0 | 76.0 | 82.0 | 78.0 | 80.0 |
| Aluminum | 24.0 | 3870.0 | 4090.0 | 7290.0 | 5270.0 | 3630.0 | 4590.0 |
| Antimony | 38.0 | 135.0 J | 19.2 J | 41.0 J | 188.0 J | 21.0 J | 20.0 J |
| Arsenic | 5.0 | 12.1 J | 24.4 J | 28.5 J | 26.7 J | 13.7 J | 9.7 |
| Barium | 8.0 | 1280.0 | 1120.0 | 1410.0 | 2710.0 | 494.0 | 548.0 |
| Beryllium | 1.0 | 0.34 B | 0.26 B | 0.51 B | 0.29 B | 0.30 B | 0.44 B |
| Cadmium | 2.0 | 9.2 | 5.8 | 13.1 | 52.4 | 866.0 | 71.3 |
| Calcium | 649.0 | 10200.0 | 9360.0 | 15200.0 | 17700.0 | 12500.0 | 29600.0 |
| Chromium | 5.0 | 150.0 J | 76.5 J | 263.0 J | 3240.0 J | 284.0 J | 331.0 J |
| Cobalt | 7.0 | 21.3 | 15.8 | 16.4 | 32.1 | 47.1 | 11.6 |
| Copper | 4.0 | 536.0 | 839.0 | 610.0 | 950.0 | 1460.0 | 492.0 |
| Iron | 13.0 | 131000.0 | 67500.0 | 50500.0 | 80500.0 | 82100.0 | 55000.0 |
| Lead | 30.0 | 2110.0 | 2310.0 | 2720.0 | 3860.0 | 706.0 | 1310.0 |
| Magnesium | 431.0 | 2240.0 | 2170.0 | 2710.0 | 2040.0 | 640.0 B | 2800.0 |
| Manganese | 1.0 | 710.0 | 529.0 | 605.0 | 841.0 | 738.0 | 351.0 |
| Mercury | 0.2 | 18.1 | 9.9 | 5.4 | 8.1 | 0.99 | 5.0 |
| Nickel | 27.0 | 119.0 | 210.0 | 107.0 | 282.0 | 196.0 | 85.5 |
| Potassium | 661.0 | 425.0 B | 394.0 B | 844.0 | 461.0 B | 299.0 B | 380.0 B |
| Selenium | 5.0 | 0.82 J | 3.1 J | 3.1 J | 5.3 J | 1.1 J | 0.65 J |
| Silver | 6.0 | U | U | U | U | U | 19.8 |
| Sodium | 350.0 | 230.0 B | 282.0 B | 273.0 B | 211.0 B | 153.0 B | 194.0 B |
| Thallium | 5.0 | U | U | U | U | U | U |
| Vanadium | 15.0 | 52.4 J | 26.8 J | 43.6 J | 34.4 J | 47.8 J | 118.0 J |
| Zinc | 5.0 | 1690.0 | 1830.0 | 1620.0 | 4560.0 | 816.0 | 2120.0 |
| Cyanide | | U | 1.69 | 3.55 | 7.68 | 4.10 | U |
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Inorganic Qualifiers

U – non-detected compound

J – estimated value

B – between the instrument detection limit (IDL) and the method detection limit (MDL)

R – rejected compound

# OTHER ANALYTES WORK TABLE

Project: Bayonne Drum & Barrel Co

TAT PM: Heidemarie Adenau

Sampling Date: April 05, 1995

Sample#/Concentration(1/mg/kg)

| METALS/CN ANALYTES | Instrument Detection Range | Sample ID BBSS22 | | | | | |
|---|---|---|---|---|---|---|---|
| Percent Solids | | 77.0 | | | | | |
| Aluminum | 24.0 | 8960.0 | | | | | |
| Antimony | 38.0 | 95.5 J | | | | | |
| Arsenic | 5.0 | 27.0 J | | | | | |
| Barium | 8.0 | 5410.0 | | | | | |
| Beryllium | 1.0 | 0.55 B | | | | | |
| Cadmium | 2.0 | 132.0 | | | | | |
| Calcium | 649.0 | 17200.0 J | | | | | |
| Chromium | 5.0 | 1260.0 J | | | | | |
| Cobalt | 7.0 | 48.2 | | | | | |
| Copper | 4.0 | 679.0 | | | | | |
| Iron | 13.0 | 60600.0 | | | | | |
| Lead | 30.0 | 21200.0 | | | | | |
| Magnesium | 431.0 | 3650.0 | | | | | |
| Manganese | 1.0 | 1660.0 | | | | | |
| Mercury | 0.2 | 6.5 | | | | | |
| Nickel | 27.0 | 141.0 | | | | | |
| Potassium | 661.0 | 570.0 | | | | | |
| Selenium | 5.0 | 4.5 J | | | | | |
| Silver | 6.0 | U | | | | | |
| Sodium | 350.0 | 391.0 B | | | | | |
| Thallium | 5.0 | U | | | | | |
| Vanadium | 15.0 | 42.4 J | | | | | |
| Zinc | 5.0 | 27300.0 | | | | | |
| Cyanide | | U | | | | | |
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Inorganic Qualifiers

U – non-detected compound

J – estimated value

B – between the instrument detection limit (IDL) and the method detection limit (MDL)

R – rejected compound

Title: Evaluation of Inorganic Data for the Contract laboratory Program Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revision: 11

| | | | |
|---|---|---|---|
| **Case #:** | **RFP # 0446** | **Site: Bayonne Barrel and Drum** | |
| **SDG#:** | **23515** | **Lab: NYtest Environmental Inc.** | **Matrix Soil : 13** |
| **Contractor:** | **WESTON-TAT** | **Reviewer: Smita Sumbaly** | **Water: 02** |

A.2.1 Validation Flags- The following flags have been applied in red by the data validator and must be considered by the data user.

**J-** This flag indicates the result qualified as estimated.

Red- Line- A red-line drawn through a sample result indicates an unusable value. The red-lined data are known to contain significant errors based on documented information and must not be used by the data user.

Fully Usable Data- The results that do not carry "J" or "red-line" are fully usable.

Contractual Qualifiers- The legend of contractual qualifiers applied by the laboratory on Form I's is found on page B-20 of SOW ILM01.0.

A.2.2 The data assessment is given below and on the attached sheets.

On April 05, 1995 USEPA Region II Technical Assistance Team (TAT) Sampling Personnel collected thirteen (13) soil samples and two (02) Aqueous blank samples for Target Analyte List inorganic parameters including cyanide (TAL + CN) from the Bayonne Barrel and Drum Site (BB&D). On April 06, 1995 samples were hand delivered to NYtest Environmental Incorporated, Port Washington, New York. The laboratory verified that samples were received intact and properly preserve

The results presented in this data package are acceptable with the exceptions noted in the following data assessment narrative.

A.2.2 (continuation):

MATRIX SPIKE RECOVERY:

The following TAL inorganic analytes were either qualified as estimated "J" or rejected "red-lined" in the associated samples due to spike recoveries (% R) outside of specified QC limits in the associated spike samples and because the sample result (SR) concentration < 4 X the spike added (SA) concentration:

| ANALYTE | PERCENT RECOVERY | QC RECOVERY LIMIT | QUALIFIER | ASSOCIATED SAMPLES |
|---|---|---|---|---|
| Antimony | 43.0% | 75-125 % | "J" | BB-SS-10,-11,-12,-13,-14,-15,-16,-17,-18,-19,-20,-21 & -22 |
| Selenium | 27.3% | 75-125 % | "J" | BB-SS-10,-11,-12,-13,-14,-15,-16,-17,-18,-19,-20,-21 & -22 |

CRDL STANDARD RECOVERY:

The following analytes were qualified estimated "J" due to Contract Required Detection Limit (CRDL) Standard Percent recoveries (% R) outside quality control limits and because their concentration fell within "affected ranges":

| ANALYTE | PERCENT RECOVERY | AFFECTED RANGE | QUALIFIER | ASSOCIATED SAMPLES |
|---|---|---|---|---|
| Cadmium | 65.7% | 0 - 20 ug/l | "J" | BB-FB-03 |

A.2.2 (continuation):

ICP SERIAL DILUTION:

The following positive TAL inorganic data > 10 x IDL (or > CRDL when the CRDL is > 10 x IDL) were either qualified as estimated "J" or rejected "red-lined" because the percent difference (%D) between the initial sample result (I) and the serial dilution sample result (S) is either between 10 - 100% or >100% when the concentration of I is > 10 x IDL.

| ANALYTE | CONTROL LIMIT | % DIFFERENCE | QUALIFIER | ASSOCIATED SAMPLES |
|---|---|---|---|---|
| Chromium | 50.0 ug/l | 10.8 % | "J" | BB-SS-10,-11,-12,-13,-14,-15,-16,-17,-18,-19,-20,-21 & -22 |
| Vanadium | 150.0 ug/l | 14.6 % | "J" | BB-SS-10,-11,-13,-14,-15,-16,-17,-18,-19,-20,-21 & -22 |

FIELD DUPLICATE ANALYSIS:

The following analytes were either qualified as estimated "J" or rejected "red-lined" in the associated field duplicate sample data because the relative percent difference (RPD) or Difference (Diff) between the sample (DS032) and the corresponding field duplicate sample (DS038) is out side the specified QC criteria:

| ANALYTE | RPD or Diff | QUALIFIER | ASSOCIATED SAMPLES |
|---|---|---|---|
| Calcium | RPD > 100% | "J" | BB-SS-13 & BB-SS-22 |

Title: Evaluation of Inorganic Data for the Contract laboratory Program
Appendix A.2: Data Assessment Narrative

Date: Jan. 1992
Number: HW-2
Revision: 11

A.2.2 (continuation):

CONTINUING CALIBRATION VERIFICATION RECOVERY:

The following TAL inorganic analytes were either qualified as estimated "J" or rejected "red-lined" in the associated samples due to Continuing calibration percent recoveries ( %R ) outside the contract windows. ( 90-110%)

| ANALYTE | PERCENT RECOVERY | QC RECOVERY LIMIT | QUALIFIER | ASSOCIATED SAMPLES |
|---|---|---|---|---|
| Arsenic | 116.0%/117.0% | 90-110% | "J" | BB-SS-14,-15,-16,-17,-18,-19,-20 & -22 |

MMB/ESAT Reviewer: _____ Signature _____ Date:

Contractor Reviewer: Amita Sumbaly Signature 06/09/95 Date:

Verified by: _____ Signature _____ Date:

DUPLICATES

EPA SAMPLE NO.

BB-SS-13/22

Lab Name: Nytest Env. Lab Contract: _____

Lab Code: Nytest Case No.: 0446 SAS No.: — SDG No.: 23515

Matrix (soil/water): Soil Level (low/med): low

% Solids for Sample: 74.0 % Solids for Duplicate: 77.0

Concentration Units (ug/L or mg/kg dry weight): ug/L.

| Analyte | Control Limit | BB-SS-13 Sample (S) | C | BB-SS-22 Duplicate (D) | C | RPD | Q | M |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 100% | 44162.00 | | 80015.00 | | 57.7% | | |
| Antimony | 100% | 6169.00 | | 852.66 | | 151.% | | |
| Arsenic | | 236.00 | | 225.00 | | 4.8% | | |
| Barium | 100% | 33850.00 | | 48309.00 | | 35.2% | | |
| Beryllium | ±10 | 3.66 | B | 4.95 | B | <2xCRDL | | |
| Cadmium | 100% | 864.34 | | 1179.00 | | 30.8% | | |
| Calcium | 100% | 46748.00 | | 153270.00 | | 106.5% | | |
| Chromium | | 3771.60 | | 11289.00 | | 99.8% | | |
| Cobalt | | 384.54 | | 430.62 | | 11.3% | | |
| Copper | 100% | 5244.40 | | 6064.70 | | 14.5% | | |
| Iron | | 299648.00 | | 541690.00 | | 57.5% | | |
| Lead | | 169360.00 | | 189250.00 | | 11.1% | | |
| Magnesium | | 25136.00 | | 32636.00 | | 26.0% | | |
| Manganese | | 10305.00 | | 14810.00 | | 35.9% | | |
| Mercury | 100% | 7.94 | | 10.00 | | 23.0% | | |
| Nickel | | 1141.50 | | 1260.80 | | 9.9% | | |
| Potassium | ±10000 | 2133.40 | B | 5092.80 | | 82% | | |
| Selenium | | 38.4 | | 37.2 | | 3.2% | | |
| Silver | | | U | | U | NC | | |
| Sodium | ±10,000 | 3585.00 | B | 3489.70 | | 2.7% | | |
| Thallium | | | U | | U | NC | | |
| Vanadium | 100% | 355.20 | | 378.67 | | 6.4% | | |
| Zinc | 100% | 209916.00 | | 244180.00 | | 15.1% | | |
| Cyanide | | | | | U | | | |
| | | | | | | | | |

## Method Qualifiers for Inorganics

FORM I-IN includes fields for three types of results qualifiers. These qualifiers must be completed as follows:

* C (Concentration) qualifier – Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" must be entered.

* Q Qualifier – Specified entries and their meanings are as follows :

E - The reported value is estimated because of the presence of interference.

M - Duplicate precision not met ( CV > 20%).

N - Spiked sample recovery not within control limits.

S - The reported value was determined by Method of Standard Addition (MSA).

W - Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.

* - Duplicate analysis not within control limits.

+ - Correlation Coefficient for MSA is less than 0.995.

Entering "S", "W" or "+" is mutually exclusive.

* M (Method) qualifier - enter:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "CV" for Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- "NR" if the analyte is not required to be analyzed.

*Data Summary Package*

NYTEST ENVIRONMENTAL Inc.

| LABORATORY NUMBER | SAMPLE IDENTIFICATION | TYPE OF SAMPLE |
|---|---|---|
| 2351501 | BBFB03 | Water |
| 2351502 | BBRB03 | Water |
| 2351503 | BBSS10 | Soil |
| 2351504 | BBSS10MS | Soil |
| 2351505 | BBSS10MSD | Soil |
| 2351506 | BBSS11 | Soil |
| 2351507 | BBSS12 | Soil |
| 2351508 | BBSS13 | Soil |
| 2351509 | BBSS14 | Soil |
| 2351510 | BBSS15 | Soil |
| 2351511 | BBSS16 | Soil |
| 2351512 | BBSS17 | Soil |
| 2351513 | BBSS18 | Soil |
| 2351514 | BBSS19 | Soil |
| 2351515 | BBSS20 | Soil |
| 2351516 | BBSS21 | Soil |
| 2351517 | BBSS22 | Soil |

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBFB03

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): WATER Lab Sample ID: 351501

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 24.0 | U | | P |
| 7440-36-0 | Antimony | 38.0 | U | N | P |
| 7440-38-2 | Arsenic | 5.0 | U | | F |
| 7440-39-3 | Barium | 8.0 | U | * | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium | 2.0 | U | | P |
| 7440-70-2 | Calcium | 649 | U | * | P |
| 7440-47-3 | Chromium | 5.0 | U | E | P |
| 7440-48-4 | Cobalt | 7.0 | U | | P |
| 7440-50-8 | Copper | 4.0 | U | | P |
| 7439-89-6 | Iron | 18.1 | B | * | P |
| 7439-92-1 | Lead | 30.0 | U | | P |
| 7439-95-4 | Magnesium | 431 | U | | P |
| 7439-96-5 | Manganese | 1.0 | U | | P |
| 7439-97-6 | Mercury | 0.20 | U | | CV |
| 7440-02-0 | Nickel | 27.0 | U | * | P |
| 7440-09-7 | Potassium | 1310 | B | | P |
| 7782-49-2 | Selenium | 5.0 | U | N | F |
| 7440-22-4 | Silver | 6.0 | U | | P |
| 7440-23-5 | Sodium | 350 | U | | P |
| 7440-28-0 | Thallium | 5.0 | U | | F |
| 7440-62-2 | Vanadium | 15.0 | U | | P |
| 7440-66-6 | Zinc | 5.0 | U | * | P |

CODES :

P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric

Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:

BBFB03

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBRB03

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): WATER Lab Sample ID: 351502

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 24.0 | U | | P |
| 7440-36-0 | Antimony | 38.0 | U | N | P |
| 7440-38-2 | Arsenic | 5.0 | U | | F |
| 7440-39-3 | Barium | 8.0 | U | * | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium | 2.0 | U | | P |
| 7440-70-2 | Calcium | 649 | U | * | P |
| 7440-47-3 | Chromium | 5.0 | U | E | P |
| 7440-48-4 | Cobalt | 7.0 | U | | P |
| 7440-50-8 | Copper | 4.0 | U | | P |
| 7439-89-6 | Iron | 13.0 | U | * | P |
| 7439-92-1 | Lead | 30.0 | U | | P |
| 7439-95-4 | Magnesium | 431 | U | | P |
| 7439-96-5 | Manganese | 1.0 | U | | P |
| 7439-97-6 | Mercury | 0.20 | U | | CV |
| 7440-02-0 | Nickel | 27.0 | U | * | P |
| 7440-09-7 | Potassium | 661 | U | | P |
| 7782-49-2 | Selenium | 5.0 | U | N | F |
| 7440-22-4 | Silver | 6.0 | U | | P |
| 7440-23-5 | Sodium | 350 | U | | P |
| 7440-28-0 | Thallium | 5.0 | U | | F |
| 7440-62-2 | Vanadium | 15.0 | U | | P |
| 7440-66-6 | Zinc | 5.0 | U | * | P |

CODES :
P: ICP; F: GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBRB03

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS10

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 82.0

Lab Sample ID: 351503
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 7650 | | | P |
| 7440-36-0 | Antimony | 35.6 | | N J | P |
| 7440-38-2 | Arsenic | 14.5 | | | F |
| 7440-39-3 | Barium | 6140 | | * | P |
| 7440-41-7 | Beryllium | 0.36 | B | | P |
| 7440-43-9 | Cadmium | 14.2 | | | P |
| 7440-70-2 | Calcium | 3220 | | * | P |
| 7440-47-3 | Chromium | 204 | | E J | P |
| 7440-48-4 | Cobalt | 39.5 | | | P |
| 7440-50-8 | Copper | 1740 | | | P |
| 7439-89-6 | Iron | 67800 | | * | P |
| 7439-92-1 | Lead | 1640 | | | P |
| 7439-95-4 | Magnesium | 1330 | | | P |
| 7439-96-5 | Manganese | 356 | | | P |
| 7439-97-6 | Mercury | 18.9 | | | CV |
| 7440-02-0 | Nickel | 291 | | * | P |
| 7440-09-7 | Potassium | 361 | B | | P |
| 7782-49-2 | Selenium | 2.2 | | N J | F |
| 7440-22-4 | Silver | 0.70 | U | | P |
| 7440-23-5 | Sodium | 170 | B | | P |
| 7440-28-0 | Thallium | 0.60 | U | | F |
| 7440-62-2 | Vanadium | 28.8 | | J | P |
| 7440-66-6 | Zinc | 3150 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS10 ARSENIC AT A 4X DILUTION. MERCURY AT A 6X DILUTION
IRON AT A 4X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS11

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 79.0

Lab Sample ID: 351506
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 7570 | | | P |
| 7440-36-0 | Antimony | 521 | | N J | P |
| 7440-38-2 | Arsenic | 64.6 | | | F |
| 7440-39-3 | Barium | 1870 | | * | P |
| 7440-41-7 | Beryllium | 0.45 | B | | P |
| 7440-43-9 | Cadmium | 17.2 | | | P |
| 7440-70-2 | Calcium | 5080 | | * | P |
| 7440-47-3 | Chromium | 242 | | E J | P |
| 7440-48-4 | Cobalt | 20.8 | | | P |
| 7440-50-8 | Copper | 2940 | | | P |
| 7439-89-6 | Iron | 56900 | | * | P |
| 7439-92-1 | Lead | 27700 | | | P |
| 7439-95-4 | Magnesium | 1510 | | | P |
| 7439-96-5 | Manganese | 247 | | | P |
| 7439-97-6 | Mercury | 12.7 | | | CV |
| 7440-02-0 | Nickel | 105 | | * | P |
| 7440-09-7 | Potassium | 393 | B | | P |
| 7782-49-2 | Selenium | 4.3 | | N J | F |
| 7440-22-4 | Silver | 0.73 | U | | P |
| 7440-23-5 | Sodium | 320 | B | | P |
| 7440-28-0 | Thallium | 0.61 | U | | F |
| 7440-62-2 | Vanadium | 43.0 | | J | P |
| 7440-66-6 | Zinc | 19300 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS11 ARSENIC AT A 10X DILUTION
MERCURY AT A 4X DILUTION
IRON, ZINC: AT A 5X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS12

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL Lab Sample ID: 351507

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5780 | | | P |
| 7440-36-0 | Antimony | 104 | | N J | P |
| 7440-38-2 | Arsenic | 21.6 | | | F |
| 7440-39-3 | Barium | 4010 | | * | P |
| 7440-41-7 | Beryllium | 0.36 | B | | P |
| 7440-43-9 | Cadmium | 59.2 | | | P |
| 7440-70-2 | Calcium | 10100 | | * | P |
| 7440-47-3 | Chromium | 775 | | E J | P |
| 7440-48-4 | Cobalt | 65.6 | | | P |
| 7440-50-8 | Copper | 1480 | | | P |
| 7439-89-6 | Iron | 66100 | | * | P |
| 7439-92-1 | Lead | 13100 | | | P |
| 7439-95-4 | Magnesium | 1990 | | | P |
| 7439-96-5 | Manganese | 1380 | | | P |
| 7439-97-6 | Mercury | 4.8 | | | CV |
| 7440-02-0 | Nickel | 264 | | * | P |
| 7440-09-7 | Potassium | 350 | B | | P |
| 7782-49-2 | Selenium | 4.7 | | N J | F |
| 7440-22-4 | Silver | 0.67 | U | | P |
| 7440-23-5 | Sodium | 571 | | | P |
| 7440-28-0 | Thallium | 0.61 | U | | F |
| 7440-62-2 | Vanadium | 16.6 | | | P |
| 7440-66-6 | Zinc | 6030 | | * | P |

CODES :

P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric

Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:

BBSS12 ARSENIC_AT_A_4X_DILUTION

IRON_AT_A_5X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS13

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 74.0

Lab Sample ID: 351508
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5480 | | | P |
| 7440-36-0 | Antimony | 765 | | N J | P |
| 7440-38-2 | Arsenic | 31.0 | | | F |
| 7440-39-3 | Barium | 4200 | | * | P |
| 7440-41-7 | Beryllium | 0.45 | B | | P |
| 7440-43-9 | Cadmium | 107 | | | P |
| 7440-70-2 | Calcium | 5800 | | * J | P |
| 7440-47-3 | Chromium | 468 | | E J | P |
| 7440-48-4 | Cobalt | 47.7 | | | P |
| 7440-50-8 | Copper | 650 | | | P |
| 7439-89-6 | Iron | 37100 | | * | P |
| 7439-92-1 | Lead | 21000 | | | P |
| 7439-95-4 | Magnesium | 3120 | | | P |
| 7439-96-5 | Manganese | 1280 | | | P |
| 7439-97-6 | Mercury | 5.3 | | | CV |
| 7440-02-0 | Nickel | 142 | | * | P |
| 7440-09-7 | Potassium | 264 | B | | P |
| 7782-49-2 | Selenium | 5.0 | | N J | F |
| 7440-22-4 | Silver | 0.74 | U | | P |
| 7440-23-5 | Sodium | 444 | B | | P |
| 7440-28-0 | Thallium | 0.66 | U | | F |
| 7440-62-2 | Vanadium | 44.0 | | J | P |
| 7440-66-6 | Zinc | 26000 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS13 ARSENIC AT A 8X DILUTION
ZINC, IRON AT A 4X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS14

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL Lab Sample ID: 351509

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5140 | | | P |
| 7440-36-0 | Antimony | 161 | | N J | P |
| 7440-38-2 | Arsenic | 12.7 | | J | F |
| 7440-39-3 | Barium | 3020 | | * | P |
| 7440-41-7 | Beryllium | 0.36 | B | | P |
| 7440-43-9 | Cadmium | 25.3 | | | P |
| 7440-70-2 | Calcium | 4890 | | * | P |
| 7440-47-3 | Chromium | 4990 | | E J | P |
| 7440-48-4 | Cobalt | 38.9 | | | P |
| 7440-50-8 | Copper | 4440 | | | P |
| 7439-89-6 | Iron | 136000 | | * | P |
| 7439-92-1 | Lead | 26500 | | | P |
| 7439-95-4 | Magnesium | 1550 | | | P |
| 7439-96-5 | Manganese | 788 | | | P |
| 7439-97-6 | Mercury | 19.3 | | | CV |
| 7440-02-0 | Nickel | 398 | | * | P |
| 7440-09-7 | Potassium | 282 | B | | P |
| 7782-49-2 | Selenium | 1.3 | | N J | F |
| 7440-22-4 | Silver | 0.61 | U | | P |
| 7440-23-5 | Sodium | 245 | B | | P |
| 7440-28-0 | Thallium | 0.58 | U | | F |
| 7440-62-2 | Vanadium | 43.3 | | J | P |
| 7440-66-6 | Zinc | 6820 | | * | P |

CODES :

P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric

Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:

BBSS14 ARSENIC AT A 2X DILUTION

MERCURY AT A 6X DILUTION

IRON AT A 20X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS15

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_ Lab Sample ID: 351510____
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : _75.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 8480 | | | P |
| 7440-36-0 | Antimony_ | 1600 | | N J | P |
| 7440-38-2 | Arsenic__ | 20.3 | | J | F |
| 7440-39-3 | Barium___ | 8660 | | * | P |
| 7440-41-7 | Beryllium | 1.0 | | | P |
| 7440-43-9 | Cadmium__ | 185 | | | P |
| 7440-70-2 | Calcium__ | 5030 | | * | P |
| 7440-47-3 | Chromium_ | 777 | | E J | P |
| 7440-48-4 | Cobalt___ | 75.2 | | | P |
| 7440-50-8 | Copper___ | 1310 | | | P |
| 7439-89-6 | Iron_____ | 87200 | | * | P |
| 7439-92-1 | Lead_____ | 13600 | | | P |
| 7439-95-4 | Magnesium | 4110 | | | P |
| 7439-96-5 | Manganese | 483 | | | P |
| 7439-97-6 | Mercury__ | 14.1 | | | CV |
| 7440-02-0 | Nickel___ | 294 | | * | P |
| 7440-09-7 | Potassium | 517 | B | | P |
| 7782-49-2 | Selenium_ | 14.5 | | N J | F |
| 7440-22-4 | Silver___ | 0.76 | U | | P |
| 7440-23-5 | Sodium___ | 428 | B | | P |
| 7440-28-0 | Thallium_ | 0.61 | U | | F |
| 7440-62-2 | Vanadium_ | 55.2 | | J | P |
| 7440-66-6 | Zinc_____ | 9520 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS15___ARSENIC_AT_A_4X_DILUTION._SELENIUM_AT_A_2X_DILUTION_____
_____MERCURY_AT_A_5X_DILUTION_____
_____IRON_AT_A_10X_DILUTION_____

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS16

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL Lab Sample ID: 351511
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : 89.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3870 | | | P |
| 7440-36-0 | Antimony | 135 | | N J | P |
| 7440-38-2 | Arsenic | 12.1 | | J | F |
| 7440-39-3 | Barium | 1280 | | * | P |
| 7440-41-7 | Beryllium | 0.34 | B | | P |
| 7440-43-9 | Cadmium | 9.2 | | | P |
| 7440-70-2 | Calcium | 10200 | | * | P |
| 7440-47-3 | Chromium | 150 | | E J | P |
| 7440-48-4 | Cobalt | 21.3 | | | P |
| 7440-50-8 | Copper | 536 | | | P |
| 7439-89-6 | Iron | 131000 | | * | P |
| 7439-92-1 | Lead | 2110 | | | P |
| 7439-95-4 | Magnesium | 2240 | | | P |
| 7439-96-5 | Manganese | 710 | | | P |
| 7439-97-6 | Mercury | 18.1 | | | CV |
| 7440-02-0 | Nickel | 119 | | * | P |
| 7440-09-7 | Potassium | 425 | B | | P |
| 7782-49-2 | Selenium | 0.82 | | N J | F |
| 7440-22-4 | Silver | 0.60 | U | | P |
| 7440-23-5 | Sodium | 230 | B | | P |
| 7440-28-0 | Thallium | 0.53 | U | | F |
| 7440-62-2 | Vanadium | 52.4 | | J | P |
| 7440-66-6 | Zinc | 1690 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS16 ARSENIC_AT_A_4X_DILUTION
MERCURY_AT_A_5X_DILUTION
IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS17

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL Lab Sample ID: 351512

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4090 | | | P |
| 7440-36-0 | Antimony | 19.2 | | N J | P |
| 7440-38-2 | Arsenic | 24.4 | | J | F |
| 7440-39-3 | Barium | 1120 | | * | P |
| 7440-41-7 | Beryllium | 0.26 | B | | P |
| 7440-43-9 | Cadmium | 5.8 | | | P |
| 7440-70-2 | Calcium | 9360 | | * | P |
| 7440-47-3 | Chromium | 76.5 | | E J | P |
| 7440-48-4 | Cobalt | 15.8 | | | P |
| 7440-50-8 | Copper | 839 | | | P |
| 7439-89-6 | Iron | 67500 | | * | P |
| 7439-92-1 | Lead | 2310 | | | P |
| 7439-95-4 | Magnesium | 2170 | | | P |
| 7439-96-5 | Manganese | 529 | | | P |
| 7439-97-6 | Mercury | 9.9 | | | CV |
| 7440-02-0 | Nickel | 210 | | * | P |
| 7440-09-7 | Potassium | 394 | B | | P |
| 7782-49-2 | Selenium | 3.1 | | N J | F |
| 7440-22-4 | Silver | 0.61 | U | | P |
| 7440-23-5 | Sodium | 282 | B | | P |
| 7440-28-0 | Thallium | 0.57 | U | | F |
| 7440-62-2 | Vanadium | 26.8 | | J | P |
| 7440-66-6 | Zinc | 1830 | | * | P |

CODES :

P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric

Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:

BBSS17 ARSENIC AT A 8X DILUTION

MERCURY AT A 5X DILUTION

IRON AT A 10X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS18

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 76.0

Lab Sample ID: 351513
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 7290 | | | P |
| 7440-36-0 | Antimony | 41.0 | | N J | P |
| 7440-38-2 | Arsenic | 28.5 | | J | F |
| 7440-39-3 | Barium | 1410 | | * | P |
| 7440-41-7 | Beryllium | 0.51 | B | | P |
| 7440-43-9 | Cadmium | 13.1 | | | P |
| 7440-70-2 | Calcium | 15200 | | * | P |
| 7440-47-3 | Chromium | 263 | | E J | P |
| 7440-48-4 | Cobalt | 16.4 | | | P |
| 7440-50-8 | Copper | 610 | | | P |
| 7439-89-6 | Iron | 50500 | | * | P |
| 7439-92-1 | Lead | 2720 | | | P |
| 7439-95-4 | Magnesium | 2710 | | | P |
| 7439-96-5 | Manganese | 605 | | | P |
| 7439-97-6 | Mercury | 5.4 | | | CV |
| 7440-02-0 | Nickel | 107 | | * | P |
| 7440-09-7 | Potassium | 844 | | | P |
| 7782-49-2 | Selenium | 3.1 | | N J | F |
| 7440-22-4 | Silver | 0.75 | U | | P |
| 7440-23-5 | Sodium | 273 | B | | P |
| 7440-28-0 | Thallium | 0.64 | U | | F |
| 7440-62-2 | Vanadium | 43.6 | | J | P |
| 7440-66-6 | Zinc | 1620 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS18 ARSENIC AT A 8X DILUTION
IRON AT A 10X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS19

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL Lab Sample ID: 351514

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5270 | | | P |
| 7440-36-0 | Antimony | 188 | | N J | P |
| 7440-38-2 | Arsenic | 26.7 | | J | F |
| 7440-39-3 | Barium | 2710 | | * | P |
| 7440-41-7 | Beryllium | 0.29 | B | | P |
| 7440-43-9 | Cadmium | 52.4 | | | P |
| 7440-70-2 | Calcium | 17700 | | * | P |
| 7440-47-3 | Chromium | 3240 | | E J | P |
| 7440-48-4 | Cobalt | 32.1 | | | P |
| 7440-50-8 | Copper | 950 | | | P |
| 7439-89-6 | Iron | 80500 | | * | P |
| 7439-92-1 | Lead | 3860 | | | P |
| 7439-95-4 | Magnesium | 2040 | | | P |
| 7439-96-5 | Manganese | 841 | | | P |
| 7439-97-6 | Mercury | 8.1 | | | CV |
| 7440-02-0 | Nickel | 282 | | * | P |
| 7440-09-7 | Potassium | 461 | B | | P |
| 7782-49-2 | Selenium | 5.3 | | N J | F |
| 7440-22-4 | Silver | 0.72 | U | | P |
| 7440-23-5 | Sodium | 211 | B | | P |
| 7440-28-0 | Thallium | 0.58 | U | | F |
| 7440-62-2 | Vanadium | 34.4 | | J | P |
| 7440-66-6 | Zinc | 4560 | | * | P |

CODES :

P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric

Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:

BBSS19 ARSENIC AT A 8X DILUTION

MERCURY AT A 2X DILUTION

IRON AT A 10X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS21

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 80.0

Lab Sample ID: 351516
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4590 | | | P |
| 7440-36-0 | Antimony | 20.0 | | N | P |
| 7440-38-2 | Arsenic | 9.7 | | | F |
| 7440-39-3 | Barium | 548 | | * | P |
| 7440-41-7 | Beryllium | 0.44 | B | | P |
| 7440-43-9 | Cadmium | 71.3 | | | P |
| 7440-70-2 | Calcium | 29600 | | * | P |
| 7440-47-3 | Chromium | 331 | | E | P |
| 7440-48-4 | Cobalt | 11.6 | | | P |
| 7440-50-8 | Copper | 492 | | | P |
| 7439-89-6 | Iron | 55000 | | * | P |
| 7439-92-1 | Lead | 1310 | | | P |
| 7439-95-4 | Magnesium | 2800 | | | P |
| 7439-96-5 | Manganese | 351 | | | P |
| 7439-97-6 | Mercury | 5.0 | | | CV |
| 7440-02-0 | Nickel | 85.5 | | * | P |
| 7440-09-7 | Potassium | 380 | B | | P |
| 7782-49-2 | Selenium | 0.65 | | N | F |
| 7440-22-4 | Silver | 19.8 | | | P |
| 7440-23-5 | Sodium | 194 | B | | P |
| 7440-28-0 | Thallium | 0.58 | U | | F |
| 7440-62-2 | Vanadium | 118 | | | P |
| 7440-66-6 | Zinc | 2120 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS21 IRON AT A 10X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS22

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL Lab Sample ID: 351517

Level (low/high) : LOW Date Received: 04/06/95

Percent Solids : 77.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8960 | | | P |
| 7440-36-0 | Antimony | 95.5 | | N | P |
| 7440-38-2 | Arsenic | 27.0 | | | F |
| 7440-39-3 | Barium | 5410 | | * | P |
| 7440-41-7 | Beryllium | 0.55 | B | | P |
| 7440-43-9 | Cadmium | 132 | | | P |
| 7440-70-2 | Calcium | 17200 | | * | P |
| 7440-47-3 | Chromium | 1260 | | E | P |
| 7440-48-4 | Cobalt | 48.2 | | | P |
| 7440-50-8 | Copper | 679 | | | P |
| 7439-89-6 | Iron | 60600 | | * | P |
| 7439-92-1 | Lead | 21200 | | | P |
| 7439-95-4 | Magnesium | 3650 | | | P |
| 7439-96-5 | Manganese | 1660 | | | P |
| 7439-97-6 | Mercury | 6.5 | | | CV |
| 7440-02-0 | Nickel | 141 | | * | P |
| 7440-09-7 | Potassium | 570 | | | P |
| 7782-49-2 | Selenium | 4.5 | | N | F |
| 7440-22-4 | Silver | 0.67 | U | | P |
| 7440-23-5 | Sodium | 391 | B | | P |
| 7440-28-0 | Thallium | 0.60 | U | | F |
| 7440-62-2 | Vanadium | 42.4 | | | P |
| 7440-66-6 | Zinc | 27300 | | * | P |

CODES :

P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric

Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:

BBSS22 ARSENIC AT A 8X DILUTION

ZINC, IRON : AT A 10X DILUTION

*Inorganic Data – Wet Chemistry*

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351503 | 2351504 | 2351506 | |
| Client ID : | BBSS10 | BBSS10MS | BBSS11 | Method Blank |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 0.61 U | 0.60 U | 0.63 U | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351507 | 2351508 | 2351509 | Method Blank |
| Client ID : | BBSS12 | BBSS13 | BBSS14 | |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 0.86 | 4.86 | 71.29 | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351510 | 2351511 | 2351512 | Method Blank |
| Client ID : | BBSS15 | BBSS16 | BBSS17 | |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 8.53 | 0.56 U | 1.69 | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351513 | 2351514 | 2351515 | Method Blank |
| Client ID : | BBSS18 | BBSS19 | BBSS20 | |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 3.55 | 7.68 | 4.10 | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | |
|---|---|---|---|
| Lab ID : | 2351516 | 2351517 | |
| Client ID : | BBSS21 | BBSS22 | Method Blank |
| Parameter(s) | | | |
| Results in mg/Kg (dry basis) : | | | |
| Total Cyanide | 0.63 U | 0.65 U | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | | Sample Identification | | |
|---|---|---|---|---|
| | Lab ID : | 2351501 | 2351502 | |
| | Client ID : | BBFB03 | BBRB03 | Method Blank |
| Parameter(s) | | | | |
| Results in mg/L: | | | | |
| Total Cyanide | | 0.01 U | 0.01 U | 0.01 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

CLIENT : Weston

Log In Number : 23515

| PARAMETER | Sample Result | Duplicate Sample Result | % RPD | Sample Result for spike | Spike Added | Spike + Sample Result | % Spike Recovered | Sample for QC from same sample? (dup/spike) |
|---|---|---|---|---|---|---|---|---|
| Total Cyanide, mg/L | 0.01 U | 0.01 U | NC | 0.01 U | 0.100 | 0.108 | 108.0 | NO/NO |
| Total Cyanide, mg/Kg | 0.5 U | 0.5 U | NC | 0.5 U | 4.92 | 2.75 | 55.9 | NO/NO |

NC : Non-calculable
NA : Non-Available

E : Above method limit
U : Below method reporting limit

# CHAIN OF CUSTODY RECORD

Address verbal and written results
to the attention of Smita Sumbaly,
Analytical Coordinator.

RFP #: 0446

PO #: 16-03837

Page 2 of 3

Name of Unit and Address:

WESTON MANAGERS DESIGNERS/CONSULTANTS

Suite 201
1090 King Georges Post Road, Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

| Sample Number | Number of Containers | Description of Samples |
|---|---|---|
| BB-SS-010 | 12 | 6x 120mL vials for TCL-VOA fraction; 3x 8oz glass jars for TCL-BNA/PCB/Pest fractions, 3x 8oz glass jars for TAL-Metals/Cyanide analysis, all soil; all low/med concentration, includes MS and MSD |
| BB-SS-011 | 4 | 2x 120 mL vials for TCL-VOA fraction; 1x 8oz glass jar for TCL-BNA/PCB/Pest fractions, 1x 8oz glass jar for TAL-Metals/Cyanide analysis; all soil; all low/medium concentration. |
| BB-SS-012 | 4 | Same as above |
| BB-SS-013 | 4 | Same as above |
| BB-SS-014 | 4 | Same as above |
| BB-SS-015 | 4 | Same as above |
| BB-SS-016 | 4 | Same as above |
| BB-SS-017 | 4 | Same as above |

| Person Assuming Responsibility for Sample: | Time | Date |
|---|---|---|
| Heidemarie Adenau | 1130 | 4/6/95 |

| Sample Number | Relinquished By: | Received By: | Time | Date | Reason for Change of Custody |
|---|---|---|---|---|---|
| | Heidi Adenau | Thomas J. Zmanowski | 4:35 | 4/6/95 | Laboratory Analysis |
| Sample Number | Relinquished By: | Received By: | Time | Date | Reason for Change of Custody |
| | Thomas Zmanowski | Mel Lau | 4:20 | 4/6/95 | Rec'd at 5°C |
| Sample Number | Relinquished By: | Received By: | Time | Date | Reason for Change of Custody |
| | | | | | |
| Sample Number | Relinquished By: | Received By: | Time | Date | Reason for Change of Custody |
| | | | | | |

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Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Foster Wheeler USA Corporation, Resource Applications, Inc., C.C. Johnson & Malhotra, P.C.

Page No.

# CHAIN OF CUSTODY RECORD

Address verbal and written results to the attention of Smita Sumbaly, Analytical Coordinator.

RFP #: 0446

PO #: 16-03837

Page 3 of 3

Name of Unit and Address:

WESTON MANAGERS DESIGNERS/CONSULTANTS

Suite 201
1090 King Georges Post Road, Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

| Sample Number | Number of Containers | Description of Samples |
|---|---|---|
| BB-SS-018 | 4 | 2x120 mL vials for TCL-VOA fractions; 1x8oz glass jar for TCL/BNA/PCB/Pest fractions, 1x8oz glass jar for TAL-Metals/Cyanide analysis; all soil, all low/medium concentration. |
| BB-SS-019 | 4 | same as above |
| BB-SS-020 | 4 | Same as above |
| BB-SS-021 | 4 | Same as above |
| BB-SS-022 | 4 | same as above |

| Person Assuming Responsibility for Sample: | Time | Date |
|---|---|---|
| Heidemarie Adenau | 1130 | 4/6/95 |

| Sample Number | Relinquished By: | Received By: | Time | Date | Reason for Change of Custody |
|---|---|---|---|---|---|
| | Heidi Adenau | Thomas Zimmerman | 11:35 | 4/6/95 | Laboratory Analysis |
| | Thomas Zimmerman | Matt Lau | 4:20 | 4/6/95 | Rec'd at 5°C |
| | | | | | |
| | | | | | |

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Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Foster Wheeler USA Corporation, Resource Applications, Inc., C.C. Johnson & Malhotra, P.C.

Page No.

# CHAIN OF CUSTODY RECORD

Address verbal and written results to the attention of Smita Sumbaly, Analytical Coordinator.

RFP #: 0446

PO #: 16-03837

Page 1 of 3

Name of Unit and Address:

WESTON MANAGERS DESIGNERS/CONSULTANTS

Suite 201
1090 King Georges Post Road, Edison, New Jersey 08837-3703
908-225-6116 • Fax 908-225-7037

| Sample Number | Number of Containers | Description of Samples |
|---|---|---|
| BB-FB-03 | 8 | 4x1L amber glass bottles for BNA analysis, 2x120mL vials for VOA analysis, 1x1L poly bottles for TAL-Metals analysis and 1x1L poly bottle for TAL-Cyanide analysis; all aqueous, all low concentration |
| BB-RB-03 | 8 | same as above |

Person Assuming Responsibility for Sample: Heidemarie Adenau

Time: 1130 Date: 4/6/95

| Sample Number | Relinquished By: | Received By: | Time | Date | Reason for Change of Custody |
|---|---|---|---|---|---|
| | Heidemarie Adenau | Thomas Rymanowski | 11:35 | 4/6/95 | Laboratory Analysis |
| | Thomas Rymanowski | [illegible] | 4:20 | 4/6/95 | Rec'd at 5°C |
| | | | | | |
| | | | | | |

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Roy F. Weston, Inc.
FEDERAL PROGRAMS DIVISION
In Association with Foster Wheeler USA Corporation, Resource Applications, Inc., C.C. Johnson & Malhotra, P.C.

Page No.

*Inorganic Data*

*Inorganic Data – Metals*

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBFB03

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): WATER
Level (low/high) : LOW
Percent Solids : 0.0

Lab Sample ID: 351501
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 24.0 | U | | P |
| 7440-36-0 | Antimony | 38.0 | U | N | P |
| 7440-38-2 | Arsenic | 5.0 | U | | F |
| 7440-39-3 | Barium | 8.0 | U | * | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium | 2.0 | U | | P |
| 7440-70-2 | Calcium | 649 | U | * | P |
| 7440-47-3 | Chromium | 5.0 | U | E | P |
| 7440-48-4 | Cobalt | 7.0 | U | | P |
| 7440-50-8 | Copper | 4.0 | U | | P |
| 7439-89-6 | Iron | 18.1 | B | * | P |
| 7439-92-1 | Lead | 30.0 | U | | P |
| 7439-95-4 | Magnesium | 431 | U | | P |
| 7439-96-5 | Manganese | 1.0 | U | | P |
| 7439-97-6 | Mercury | 0.20 | U | | CV |
| 7440-02-0 | Nickel | 27.0 | U | * | P |
| 7440-09-7 | Potassium | 1310 | B | | P |
| 7782-49-2 | Selenium | 5.0 | U | N | F |
| 7440-22-4 | Silver | 6.0 | U | | P |
| 7440-23-5 | Sodium | 350 | U | | P |
| 7440-28-0 | Thallium | 5.0 | U | | F |
| 7440-62-2 | Vanadium | 15.0 | U | | P |
| 7440-66-6 | Zinc | 5.0 | U | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBFB03

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBRB03

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): WATER
Level (low/high) : LOW
Percent Solids : 0.0

Lab Sample ID: 351502
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 24.0 | U | | P |
| 7440-36-0 | Antimony | 38.0 | U | N | P |
| 7440-38-2 | Arsenic | 5.0 | U | | F |
| 7440-39-3 | Barium | 8.0 | U | * | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium | 2.0 | U | | P |
| 7440-70-2 | Calcium | 649 | U | * | P |
| 7440-47-3 | Chromium | 5.0 | U | E | P |
| 7440-48-4 | Cobalt | 7.0 | U | | P |
| 7440-50-8 | Copper | 4.0 | U | | P |
| 7439-89-6 | Iron | 13.0 | U | * | P |
| 7439-92-1 | Lead | 30.0 | U | | P |
| 7439-95-4 | Magnesium | 431 | U | | P |
| 7439-96-5 | Manganese | 1.0 | U | | P |
| 7439-97-6 | Mercury | 0.20 | U | | CV |
| 7440-02-0 | Nickel | 27.0 | U | * | P |
| 7440-09-7 | Potassium | 661 | U | | P |
| 7782-49-2 | Selenium | 5.0 | U | N | F |
| 7440-22-4 | Silver | 6.0 | U | | P |
| 7440-23-5 | Sodium | 350 | U | | P |
| 7440-28-0 | Thallium | 5.0 | U | | F |
| 7440-62-2 | Vanadium | 15.0 | U | | P |
| 7440-66-6 | Zinc | 5.0 | U | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBRB03

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS10

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_
Level (low/high) : LOW
Percent Solids : _82.0

Lab Sample ID: 351503____
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 7650 | | | P |
| 7440-36-0 | Antimony_ | 35.6 | | N J | P |
| 7440-38-2 | Arsenic__ | 14.5 | | | F |
| 7440-39-3 | Barium___ | 6140 | | * | P |
| 7440-41-7 | Beryllium | 0.36 | B | | P |
| 7440-43-9 | Cadmium__ | 14.2 | | | P |
| 7440-70-2 | Calcium__ | 3220 | | * | P |
| 7440-47-3 | Chromium_ | 204 | | E J | P |
| 7440-48-4 | Cobalt___ | 39.5 | | | P |
| 7440-50-8 | Copper___ | 1740 | | | P |
| 7439-89-6 | Iron____ | 67800 | | * | P |
| 7439-92-1 | Lead____ | 1640 | | | P |
| 7439-95-4 | Magnesium | 1330 | | | P |
| 7439-96-5 | Manganese | 356 | | | P |
| 7439-97-6 | Mercury__ | 18.9 | | | CV |
| 7440-02-0 | Nickel___ | 291 | | * | P |
| 7440-09-7 | Potassium | 361 | B | | P |
| 7782-49-2 | Selenium_ | 2.2 | | N J | F |
| 7440-22-4 | Silver___ | 0.70 | U | | P |
| 7440-23-5 | Sodium___ | 170 | B | | P |
| 7440-28-0 | Thallium_ | 0.60 | U | | F |
| 7440-62-2 | Vanadium_ | 28.8 | | J | P |
| 7440-66-6 | Zinc____ | 3150 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS10___ARSENIC_AT_A_4X_DILUTION._MERCURY_AT_A_6X_DILUTION_____
_____IRON_AT_A_4X_DILUTION_____

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS11

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 79.0

Lab Sample ID: 351506
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 7570 | | | P |
| 7440-36-0 | Antimony | 521 | | N J | P |
| 7440-38-2 | Arsenic | 64.6 | | | F |
| 7440-39-3 | Barium | 1870 | | * | P |
| 7440-41-7 | Beryllium | 0.45 | B | | P |
| 7440-43-9 | Cadmium | 17.2 | | | P |
| 7440-70-2 | Calcium | 5080 | | * | P |
| 7440-47-3 | Chromium | 242 | | E J | P |
| 7440-48-4 | Cobalt | 20.8 | | | P |
| 7440-50-8 | Copper | 2940 | | | P |
| 7439-89-6 | Iron | 56900 | | * | P |
| 7439-92-1 | Lead | 27700 | | | P |
| 7439-95-4 | Magnesium | 1510 | | | P |
| 7439-96-5 | Manganese | 247 | | | P |
| 7439-97-6 | Mercury | 12.7 | | | CV |
| 7440-02-0 | Nickel | 105 | | * | P |
| 7440-09-7 | Potassium | 393 | B | | P |
| 7782-49-2 | Selenium | 4.3 | | N J | F |
| 7440-22-4 | Silver | 0.73 | U | | P |
| 7440-23-5 | Sodium | 320 | B | | P |
| 7440-28-0 | Thallium | 0.61 | U | | F |
| 7440-62-2 | Vanadium | 43.0 | | J | P |
| 7440-66-6 | Zinc | 19300 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS11 ARSENIC AT A 10X DILUTION
MERCURY AT A 4X DILUTION
IRON, ZINC: AT A 5X DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS12

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_ Lab Sample ID: 351507____
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : _81.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5780 | | | P |
| 7440-36-0 | Antimony | 104 | | N J | P |
| 7440-38-2 | Arsenic | 21.6 | | | F |
| 7440-39-3 | Barium | 4010 | | * | P |
| 7440-41-7 | Beryllium | 0.36 | B | | P |
| 7440-43-9 | Cadmium | 59.2 | | | P |
| 7440-70-2 | Calcium | 10100 | | * | P |
| 7440-47-3 | Chromium | 775 | | E J | P |
| 7440-48-4 | Cobalt | 65.6 | | | P |
| 7440-50-8 | Copper | 1480 | | | P |
| 7439-89-6 | Iron | 66100 | | * | P |
| 7439-92-1 | Lead | 13100 | | | P |
| 7439-95-4 | Magnesium | 1990 | | | P |
| 7439-96-5 | Manganese | 1380 | | | P |
| 7439-97-6 | Mercury | 4.8 | | | CV |
| 7440-02-0 | Nickel | 264 | | * | P |
| 7440-09-7 | Potassium | 350 | B | | P |
| 7782-49-2 | Selenium | 4.7 | | N J | F |
| 7440-22-4 | Silver | 0.67 | U | | P |
| 7440-23-5 | Sodium | 571 | | | P |
| 7440-28-0 | Thallium | 0.61 | U | | F |
| 7440-62-2 | Vanadium | 16.6 | | J | P |
| 7440-66-6 | Zinc | 6030 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS12___ARSENIC_AT_A_4X_DILUTION
_____IRON_AT_A_5X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS13

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_ Lab Sample ID: 351508____
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : _74.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 5480 | | | P |
| 7440-36-0 | Antimony_ | 765 | | N J | P |
| 7440-38-2 | Arsenic__ | 31.0 | | | F |
| 7440-39-3 | Barium___ | 4200 | | * | P |
| 7440-41-7 | Beryllium | 0.45 | B | | P |
| 7440-43-9 | Cadmium__ | 107 | | | P |
| 7440-70-2 | Calcium__ | 5800 | | * J | P |
| 7440-47-3 | Chromium_ | 468 | | E J | P |
| 7440-48-4 | Cobalt___ | 47.7 | | | P |
| 7440-50-8 | Copper___ | 650 | | | P |
| 7439-89-6 | Iron_____ | 37100 | | * | P |
| 7439-92-1 | Lead_____ | 21000 | | | P |
| 7439-95-4 | Magnesium | 3120 | | | P |
| 7439-96-5 | Manganese | 1280 | | | P |
| 7439-97-6 | Mercury__ | 5.3 | | | CV |
| 7440-02-0 | Nickel___ | 142 | | * | P |
| 7440-09-7 | Potassium | 264 | B | | P |
| 7782-49-2 | Selenium_ | 5.0 | | N J | F |
| 7440-22-4 | Silver___ | 0.74 | U | | P |
| 7440-23-5 | Sodium___ | 444 | B | | P |
| 7440-28-0 | Thallium_ | 0.66 | U | | F |
| 7440-62-2 | Vanadium_ | 44.0 | | J | P |
| 7440-66-6 | Zinc_____ | 26000 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS13___ARSENIC_AT_A_8X_DILUTION
_____ZINC,_IRON_AT__A_4X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS14

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_ Lab Sample ID: 351509____
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : _85.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5140 | | | P |
| 7440-36-0 | Antimony | 161 | | N J | P |
| 7440-38-2 | Arsenic | 12.7 | | J | F |
| 7440-39-3 | Barium | 3020 | | * | P |
| 7440-41-7 | Beryllium | 0.36 | B | | P |
| 7440-43-9 | Cadmium | 25.3 | | | P |
| 7440-70-2 | Calcium | 4890 | | * | P |
| 7440-47-3 | Chromium | 4990 | | E J | P |
| 7440-48-4 | Cobalt | 38.9 | | | P |
| 7440-50-8 | Copper | 4440 | | | P |
| 7439-89-6 | Iron | 136000 | | * | P |
| 7439-92-1 | Lead | 26500 | | | P |
| 7439-95-4 | Magnesium | 1550 | | | P |
| 7439-96-5 | Manganese | 788 | | | P |
| 7439-97-6 | Mercury | 19.3 | | | CV |
| 7440-02-0 | Nickel | 398 | | * | P |
| 7440-09-7 | Potassium | 282 | B | | P |
| 7782-49-2 | Selenium | 1.3 | | N J | F |
| 7440-22-4 | Silver | 0.61 | U | | P |
| 7440-23-5 | Sodium | 245 | B | | P |
| 7440-28-0 | Thallium | 0.58 | U | | F |
| 7440-62-2 | Vanadium | 43.3 | | J | P |
| 7440-66-6 | Zinc | 6820 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS14___ARSENIC_AT_A_2X_DILUTION
_____MERCURY_AT_A_6X_DILUTION
_____IRON_AT_A_20X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS15

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_ Lab Sample ID: 351510____
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : _75.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 8480 | | | P |
| 7440-36-0 | Antimony_ | 1600 | | N J | P |
| 7440-38-2 | Arsenic__ | 20.3 | | J | F |
| 7440-39-3 | Barium___ | 8660 | | * | P |
| 7440-41-7 | Beryllium | 1.0 | | | P |
| 7440-43-9 | Cadmium__ | 185 | | | P |
| 7440-70-2 | Calcium__ | 5030 | | * | P |
| 7440-47-3 | Chromium_ | 777 | | E J | P |
| 7440-48-4 | Cobalt___ | 75.2 | | | P |
| 7440-50-8 | Copper___ | 1310 | | | P |
| 7439-89-6 | Iron_____ | 87200 | | * | P |
| 7439-92-1 | Lead_____ | 13600 | | | P |
| 7439-95-4 | Magnesium | 4110 | | | P |
| 7439-96-5 | Manganese | 483 | | | P |
| 7439-97-6 | Mercury__ | 14.1 | | | CV |
| 7440-02-0 | Nickel___ | 294 | | * | P |
| 7440-09-7 | Potassium | 517 | B | | P |
| 7782-49-2 | Selenium_ | 14.5 | | N J | F |
| 7440-22-4 | Silver___ | 0.76 | U | | P |
| 7440-23-5 | Sodium___ | 428 | B | | P |
| 7440-28-0 | Thallium_ | 0.61 | U | | F |
| 7440-62-2 | Vanadium_ | 55.2 | | J | P |
| 7440-66-6 | Zinc_____ | 9520 | | * | P |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS15___ARSENIC_AT_A_4X_DILUTION._SELENIUM_AT_A_2X_DILUTION_____
_____MERCURY_AT_A_5X_DILUTION_____
_____IRON_AT_A_10X_DILUTION_____

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS16

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 89.0

Lab Sample ID: 351511
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3870 | | | P |
| 7440-36-0 | Antimony | 135 | | N J | P |
| 7440-38-2 | Arsenic | 12.1 | | J | F |
| 7440-39-3 | Barium | 1280 | | * | P |
| 7440-41-7 | Beryllium | 0.34 | B | | P |
| 7440-43-9 | Cadmium | 9.2 | | | P |
| 7440-70-2 | Calcium | 10200 | | * | P |
| 7440-47-3 | Chromium | 150 | | E J | P |
| 7440-48-4 | Cobalt | 21.3 | | | P |
| 7440-50-8 | Copper | 536 | | | P |
| 7439-89-6 | Iron | 131000 | | * | P |
| 7439-92-1 | Lead | 2110 | | | P |
| 7439-95-4 | Magnesium | 2240 | | | P |
| 7439-96-5 | Manganese | 710 | | | P |
| 7439-97-6 | Mercury | 18.1 | | | CV |
| 7440-02-0 | Nickel | 119 | | * | P |
| 7440-09-7 | Potassium | 425 | B | | P |
| 7782-49-2 | Selenium | 0.82 | | N J | F |
| 7440-22-4 | Silver | 0.60 | U | | P |
| 7440-23-5 | Sodium | 230 | B | | P |
| 7440-28-0 | Thallium | 0.53 | U | | F |
| 7440-62-2 | Vanadium | 52.4 | | J | P |
| 7440-66-6 | Zinc | 1690 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS16 ARSENIC_AT_A_4X_DILUTION
MERCURY_AT_A_5X_DILUTION
IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS17

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_ Lab Sample ID: 351512____
Level (low/high) : LOW Date Received: 04/06/95
Percent Solids : _83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4090 | | | P |
| 7440-36-0 | Antimony | 19.2 | | N J | P |
| 7440-38-2 | Arsenic | 24.4 | | J | F |
| 7440-39-3 | Barium | 1120 | | * | P |
| 7440-41-7 | Beryllium | 0.26 | B | | P |
| 7440-43-9 | Cadmium | 5.8 | | | P |
| 7440-70-2 | Calcium | 9360 | | * | P |
| 7440-47-3 | Chromium | 76.5 | | E J | P |
| 7440-48-4 | Cobalt | 15.8 | | | P |
| 7440-50-8 | Copper | 839 | | | P |
| 7439-89-6 | Iron | 67500 | | * | P |
| 7439-92-1 | Lead | 2310 | | | P |
| 7439-95-4 | Magnesium | 2170 | | | P |
| 7439-96-5 | Manganese | 529 | | | P |
| 7439-97-6 | Mercury | 9.9 | | | CV |
| 7440-02-0 | Nickel | 210 | | * | P |
| 7440-09-7 | Potassium | 394 | B | | P |
| 7782-49-2 | Selenium | 3.1 | | N J | F |
| 7440-22-4 | Silver | 0.61 | U | | P |
| 7440-23-5 | Sodium | 282 | B | | P |
| 7440-28-0 | Thallium | 0.57 | U | | F |
| 7440-62-2 | Vanadium | 26.8 | | J | P |
| 7440-66-6 | Zinc | 1830 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS17___ARSENIC_AT_A_8X_DILUTION
_____MERCURY_AT_A_5X_DILUTION
_____IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS18

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_
Level (low/high) : LOW
Percent Solids : _76.0

Lab Sample ID: 351513____
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 7290 | | | P |
| 7440-36-0 | Antimony_ | 41.0 | | N J | P |
| 7440-38-2 | Arsenic__ | 28.5 | | J | F |
| 7440-39-3 | Barium___ | 1410 | | * | P |
| 7440-41-7 | Beryllium | 0.51 | B | | P |
| 7440-43-9 | Cadmium__ | 13.1 | | | P |
| 7440-70-2 | Calcium__ | 15200 | | * | P |
| 7440-47-3 | Chromium_ | 263 | | E J | P |
| 7440-48-4 | Cobalt___ | 16.4 | | | P |
| 7440-50-8 | Copper___ | 610 | | | P |
| 7439-89-6 | Iron_____ | 50500 | | * | P |
| 7439-92-1 | Lead_____ | 2720 | | | P |
| 7439-95-4 | Magnesium | 2710 | | | P |
| 7439-96-5 | Manganese | 605 | | | P |
| 7439-97-6 | Mercury__ | 5.4 | | | CV |
| 7440-02-0 | Nickel___ | 107 | | * | P |
| 7440-09-7 | Potassium | 844 | | | P |
| 7782-49-2 | Selenium_ | 3.1 | | N J | F |
| 7440-22-4 | Silver___ | 0.75 | U | | P |
| 7440-23-5 | Sodium___ | 273 | B | | P |
| 7440-28-0 | Thallium_ | 0.64 | U | | F |
| 7440-62-2 | Vanadium_ | 43.6 | | J | P |
| 7440-66-6 | Zinc_____ | 1620 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS18___ARSENIC_AT_A_8X_DILUTION
_____IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS19

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 82.0

Lab Sample ID: 351514
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5270 | | | P |
| 7440-36-0 | Antimony | 188 | | N J | P |
| 7440-38-2 | Arsenic | 26.7 | | J | F |
| 7440-39-3 | Barium | 2710 | | * | P |
| 7440-41-7 | Beryllium | 0.29 | B | | P |
| 7440-43-9 | Cadmium | 52.4 | | | P |
| 7440-70-2 | Calcium | 17700 | | * | P |
| 7440-47-3 | Chromium | 3240 | | E J | P |
| 7440-48-4 | Cobalt | 32.1 | | | P |
| 7440-50-8 | Copper | 950 | | | P |
| 7439-89-6 | Iron | 80500 | | * | P |
| 7439-92-1 | Lead | 3860 | | | P |
| 7439-95-4 | Magnesium | 2040 | | | P |
| 7439-96-5 | Manganese | 841 | | | P |
| 7439-97-6 | Mercury | 8.1 | | | CV |
| 7440-02-0 | Nickel | 282 | | * | P |
| 7440-09-7 | Potassium | 461 | B | | P |
| 7782-49-2 | Selenium | 5.3 | | N J | F |
| 7440-22-4 | Silver | 0.72 | U | | P |
| 7440-23-5 | Sodium | 211 | B | | P |
| 7440-28-0 | Thallium | 0.58 | U | | F |
| 7440-62-2 | Vanadium | 34.4 | | J | P |
| 7440-66-6 | Zinc | 4560 | | * | P |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS19 ARSENIC_AT_A_8X_DILUTION
MERCURY_AT_A_2X_DILUTION
IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS20

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_
Level (low/high) : LOW
Percent Solids : _78.0

Lab Sample ID: 351515____
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3630 | | | P |
| 7440-36-0 | Antimony | 21.0 | | N | P |
| 7440-38-2 | Arsenic | 13.7 | | | F |
| 7440-39-3 | Barium | 494 | | * | P |
| 7440-41-7 | Beryllium | 0.30 | B | | P |
| 7440-43-9 | Cadmium | 866 | | | P |
| 7440-70-2 | Calcium | 12500 | | * | P |
| 7440-47-3 | Chromium | 284 | | E | P |
| 7440-48-4 | Cobalt | 47.1 | | | P |
| 7440-50-8 | Copper | 1460 | | | P |
| 7439-89-6 | Iron | 82100 | | * | P |
| 7439-92-1 | Lead | 706 | | | P |
| 7439-95-4 | Magnesium | 640 | B | | P |
| 7439-96-5 | Manganese | 738 | | | P |
| 7439-97-6 | Mercury | 0.99 | | | CV |
| 7440-02-0 | Nickel | 196 | | * | P |
| 7440-09-7 | Potassium | 299 | B | | P |
| 7782-49-2 | Selenium | 1.1 | | N | F |
| 7440-22-4 | Silver | 0.77 | U | | P |
| 7440-23-5 | Sodium | 153 | B | | P |
| 7440-28-0 | Thallium | 0.60 | U | | F |
| 7440-62-2 | Vanadium | 47.8 | | | P |
| 7440-66-6 | Zinc | 816 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS20___ARSENIC_AT_A_4X_DILUTION
_____IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS21

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.23515_

Matrix (soil/water): SOIL_
Level (low/high) : LOW
Percent Solids : _80.0

Lab Sample ID: 351516____
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 4590 | | | P |
| 7440-36-0 | Antimony_ | 20.0 | | N J | P |
| 7440-38-2 | Arsenic__ | 9.7 | | | F |
| 7440-39-3 | Barium___ | 548 | | * | P |
| 7440-41-7 | Beryllium | 0.44 | B | | P |
| 7440-43-9 | Cadmium__ | 71.3 | | | P |
| 7440-70-2 | Calcium__ | 29600 | | * | P |
| 7440-47-3 | Chromium_ | 331 | | E J | P |
| 7440-48-4 | Cobalt___ | 11.6 | | | P |
| 7440-50-8 | Copper___ | 492 | | | P |
| 7439-89-6 | Iron_____ | 55000 | | * | P |
| 7439-92-1 | Lead_____ | 1310 | | | P |
| 7439-95-4 | Magnesium | 2800 | | | P |
| 7439-96-5 | Manganese | 351 | | | P |
| 7439-97-6 | Mercury__ | 5.0 | | | CV |
| 7440-02-0 | Nickel___ | 85.5 | | * | P |
| 7440-09-7 | Potassium | 380 | B | | P |
| 7782-49-2 | Selenium_ | 0.65 | | N J | F |
| 7440-22-4 | Silver___ | 19.8 | | | P |
| 7440-23-5 | Sodium___ | 194 | B | | P |
| 7440-28-0 | Thallium_ | 0.58 | U | | F |
| 7440-62-2 | Vanadium_ | 118 | | J | P |
| 7440-66-6 | Zinc_____ | 2120 | | * | P |
| | | | | | |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS21___IRON_AT_A_10X_DILUTION

NYTEST ENVIRONMENTAL INC.

INORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

BBSS22

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.23515

Matrix (soil/water): SOIL
Level (low/high) : LOW
Percent Solids : 77.0

Lab Sample ID: 351517
Date Received: 04/06/95

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8960 | | | P |
| 7440-36-0 | Antimony | 95.5 | | N J | P |
| 7440-38-2 | Arsenic | 27.0 | | J | F |
| 7440-39-3 | Barium | 5410 | | * | P |
| 7440-41-7 | Beryllium | 0.55 | B | | P |
| 7440-43-9 | Cadmium | 132 | | | P |
| 7440-70-2 | Calcium | 17200 | | * J | P |
| 7440-47-3 | Chromium | 1260 | | E J | P |
| 7440-48-4 | Cobalt | 48.2 | | | P |
| 7440-50-8 | Copper | 679 | | | P |
| 7439-89-6 | Iron | 60600 | | * | P |
| 7439-92-1 | Lead | 21200 | | | P |
| 7439-95-4 | Magnesium | 3650 | | | P |
| 7439-96-5 | Manganese | 1660 | | | P |
| 7439-97-6 | Mercury | 6.5 | | | CV |
| 7440-02-0 | Nickel | 141 | | * | P |
| 7440-09-7 | Potassium | 570 | | | P |
| 7782-49-2 | Selenium | 4.5 | | N J | F |
| 7440-22-4 | Silver | 0.67 | U | | P |
| 7440-23-5 | Sodium | 391 | B | | P |
| 7440-28-0 | Thallium | 0.60 | U | | F |
| 7440-62-2 | Vanadium | 42.4 | | J | P |
| 7440-66-6 | Zinc | 27300 | | * | P |
| | | | | | |

CODES :
P: ICP; F : GFAA; CV: Cold Vapor; AS: Automated Spectrophotometric
Note: A "U" in the "C" (Concentration) column indicates the analyte was not detected in this sample; "B" = Sample value greater than Instrument Detection Limit, but less than reporting limit; "NR" = Not Required.

Comments:
BBSS22 ARSENIC AT A 8X DILUTION
ZINC, IRON : AT A 10X DILUTION

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515_

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 1000.0 | 996.25 | 99.6 | 3000.0 | 2873.49 | 95.8 | 2864.44 | 95.5 | P |
| Antimony | 1000.0 | 1091.13 | 109.1 | 5000.0 | 4678.96 | 93.6 | 4905.23 | 98.1 | P |
| Arsenic | 90.0 | 91.10 | 101.2 | 50.0 | 49.90 | 99.8 | 47.20 | 94.4 | F |
| Barium | 1000.0 | 1020.17 | 102.0 | 3000.0 | 2859.45 | 95.3 | 2894.50 | 96.5 | P |
| Beryllium | 1000.0 | 999.30 | 99.9 | 1000.0 | 989.47 | 98.9 | 1005.66 | 100.6 | P |
| Cadmium | 1000.0 | 990.90 | 99.1 | 3000.0 | 2910.05 | 97.0 | 2986.86 | 99.6 | P |
| Calcium | 26000.0 | 26220.38 | 100.8 | 25000.0 | 25142.60 | 100.6 | 25452.19 | 101.8 | P |
| Chromium | 1000.0 | 1021.43 | 102.1 | 3000.0 | 2876.50 | 95.9 | 2942.19 | 98.1 | P |
| Cobalt | 1000.0 | 1015.68 | 101.6 | 3000.0 | 2832.90 | 94.4 | 2908.68 | 97.0 | P |
| Copper | 1000.0 | 1018.12 | 101.8 | 3000.0 | 2954.11 | 98.5 | 2981.14 | 99.4 | P |
| Iron | 1000.0 | 1010.35 | 101.0 | 12500.0 | 11816.38 | 94.5 | 12174.01 | 97.4 | P |
| Lead | 1000.0 | 1039.59 | 104.0 | 10000.0 | 9312.20 | 93.1 | 9619.07 | 96.2 | P |
| Magnesium | 2000.0 | 2034.18 | 101.7 | 7500.0 | 7482.73 | 99.8 | 7371.54 | 98.3 | P |
| Manganese | 1000.0 | 1059.65 | 106.0 | 2000.0 | 1972.57 | 98.6 | 1984.25 | 99.2 | P |
| Mercury | 7.5 | 7.52 | 100.3 | 5.0 | 5.24 | 104.8 | 5.26 | 105.2 | CV |
| Nickel | 1000.0 | 1038.38 | 103.8 | 3000.0 | 3007.31 | 100.2 | 3011.53 | 100.4 | P |
| Potassium | 30000.0 | 30340.50 | 101.1 | 200000.0 | 200097.6 | 100.0 | 203410.9 | 101.7 | P |
| Selenium | 90.0 | 84.00 | 93.3 | 50.0 | 46.20 | 92.4 | 47.10 | 94.2 | F |
| Silver | 1000.0 | 1037.25 | 103.7 | 3000.0 | 2917.59 | 97.3 | 2917.72 | 97.3 | P |
| Sodium | 11000.0 | 11180.34 | 101.6 | 27500.0 | 27111.41 | 98.6 | 27172.26 | 98.8 | P |
| Thallium | 90.0 | 90.60 | 100.7 | 50.0 | 48.90 | 97.8 | 50.50 | 101.0 | F |
| Vanadium | 1000.0 | 1007.70 | 100.8 | 3000.0 | 2836.75 | 94.6 | 2897.81 | 96.6 | P |
| Zinc | 1000.0 | 998.72 | 99.9 | 3000.0 | 2844.81 | 94.8 | 2953.48 | 98.4 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 -- (1/94)

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | 3000.0 | 2737.51 | 91.3 | 3193.14 | 106.4 | P |
| Antimony | | | | 5000.0 | 4717.50 | 94.4 | 4609.74 | 92.2 | P |
| Arsenic | | | | 50.0 | 46.60 | 93.2 | 50.70 | 101.4 | F |
| Barium | | | | 3000.0 | 2859.97 | 95.3 | 2935.51 | 97.9 | P |
| Beryllium | | | | 1000.0 | 988.96 | 98.9 | 997.50 | 99.8 | P |
| Cadmium | | | | 3000.0 | 2955.26 | 98.5 | 2950.03 | 98.3 | P |
| Calcium | | | | 25000.0 | 24983.34 | 99.9 | 25664.11 | 102.7 | P |
| Chromium | | | | 3000.0 | 2848.14 | 94.9 | 2890.28 | 96.3 | P |
| Cobalt | | | | 3000.0 | 2834.30 | 94.5 | 2859.09 | 95.3 | P |
| Copper | | | | 3000.0 | 2911.99 | 97.1 | 2957.57 | 98.6 | P |
| Iron | | | | 12500.0 | 11701.87 | 93.6 | 12015.57 | 96.1 | P |
| Lead | | | | 10000.0 | 9353.46 | 93.5 | 9377.47 | 93.8 | P |
| Magnesium | | | | 7500.0 | 7150.40 | 95.3 | 7592.69 | 101.2 | P |
| Manganese | | | | 2000.0 | 1929.45 | 96.5 | 1953.08 | 97.7 | P |
| Mercury | | | | 5.0 | 5.47 | 109.4 | 5.55 | 111.0 | CV |
| Nickel | | | | 3000.0 | 2921.44 | 97.4 | 2989.85 | 99.7 | P |
| Potassium | | | | 200000.0 | 200848.0 | 100.4 | 202992.4 | 101.5 | P |
| Selenium | | | | 50.0 | 46.80 | 93.6 | 47.70 | 95.4 | F |
| Silver | | | | 3000.0 | 2827.04 | 94.2 | 2901.15 | 96.7 | P |
| Sodium | | | | 27500.0 | 27134.55 | 98.7 | 27449.76 | 99.8 | P |
| Thallium | | | | 50.0 | 50.90 | 101.8 | 51.70 | 103.4 | F |
| Vanadium | | | | 3000.0 | 2809.08 | 93.6 | 2855.74 | 95.2 | P |
| Zinc | | | | 3000.0 | 2889.15 | 96.3 | 2883.27 | 96.1 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 (1/94)

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | 3000.0 | 3006.60 | 100.2 | 3019.49 | 100.6 | P |
| Antimony | | | | 5000.0 | 5096.41 | 101.9 | 5071.26 | 101.4 | P |
| Arsenic | | | | 50.0 | 52.00 | 104.0 | 51.90 | 103.8 | F |
| Barium | | | | 3000.0 | 3013.51 | 100.5 | 3155.69 | 105.2 | P |
| Beryllium | | | | 1000.0 | 1008.25 | 100.8 | 1023.94 | 102.4 | P |
| Cadmium | | | | 3000.0 | 3053.63 | 101.8 | 3079.66 | 102.7 | P |
| Calcium | | | | 25000.0 | 25452.07 | 101.8 | 25960.79 | 103.8 | P |
| Chromium | | | | 3000.0 | 3050.93 | 101.7 | 3148.23 | 104.9 | P |
| Cobalt | | | | 3000.0 | 3068.06 | 102.3 | 3165.29 | 105.5 | P |
| Copper | | | | 3000.0 | 3008.10 | 100.3 | 3061.23 | 102.0 | P |
| Iron | | | | 12500.0 | 12657.42 | 101.3 | 13186.03 | 105.5 | P |
| Lead | | | | 10000.0 | 10235.04 | 102.4 | 10517.86 | 105.2 | P |
| Magnesium | | | | 7500.0 | 7584.26 | 101.1 | 7687.50 | 102.5 | P |
| Manganese | | | | 2000.0 | 2029.32 | 101.5 | 2077.15 | 103.9 | P |
| Mercury | | | | 5.0 | 5.38 | 107.6 | 4.87 | 97.4 | CV |
| Nickel | | | | 3000.0 | 3019.55 | 100.7 | 3101.44 | 103.4 | P |
| Potassium | | | | 200000.0 | 201047.1 | 100.5 | 205193.5 | 102.6 | P |
| Selenium | | | | 50.0 | 47.80 | 95.6 | 46.90 | 93.8 | F |
| Silver | | | | 3000.0 | 3048.92 | 101.6 | 3015.68 | 100.5 | P |
| Sodium | | | | 27500.0 | 27535.40 | 100.1 | 27725.61 | 100.8 | P |
| Thallium | | | | 50.0 | 54.10 | 108.2 | 50.70 | 101.4 | F |
| Vanadium | | | | 3000.0 | 3037.37 | 101.2 | 3136.62 | 104.6 | P |
| Zinc | | | | 3000.0 | 3037.33 | 101.2 | 3055.40 | 101.8 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 - (1/94)

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515_

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | 3000.0 | 2997.43 | 99.9 | 2966.68 | 98.9 | P |
| Antimony | | | | 5000.0 | 4964.39 | 99.3 | 4989.80 | 99.8 | P |
| Arsenic | | | | 50.0 | 51.50 | 103.0 | 54.10 | 108.2 | F |
| Barium | | | | 3000.0 | 3000.00 | 100.0 | 2933.03 | 97.8 | P |
| Beryllium | | | | 1000.0 | 999.99 | 100.0 | 983.21 | 98.3 | P |
| Cadmium | | | | 3000.0 | 2984.28 | 99.5 | 2930.64 | 97.7 | P |
| Calcium | | | | 25000.0 | 25011.14 | 100.0 | 24461.28 | 97.8 | P |
| Chromium | | | | 3000.0 | 3015.59 | 100.5 | 2941.02 | 98.0 | P |
| Cobalt | | | | 3000.0 | 3010.65 | 100.4 | 2944.46 | 98.1 | P |
| Copper | | | | 3000.0 | 3003.20 | 100.1 | 2942.52 | 98.1 | P |
| Iron | | | | 12500.0 | 12442.59 | 99.5 | 12152.21 | 97.2 | P |
| Lead | | | | 10000.0 | 10054.23 | 100.5 | 9796.00 | 98.0 | P |
| Magnesium | | | | 7500.0 | 7500.00 | 100.0 | 7481.57 | 99.8 | P |
| Manganese | | | | 2000.0 | 2000.72 | 100.0 | 1960.73 | 98.0 | P |
| Mercury | | | | 5.0 | 4.49 | 89.8 | | | CV |
| Nickel | | | | 3000.0 | 3038.54 | 101.3 | 2998.77 | 100.0 | P |
| Potassium | | | | 200000.0 | 201196.7 | 100.6 | 193199.0 | 96.6 | P |
| Selenium | | | | | | | | | NR |
| Silver | | | | 3000.0 | 3009.10 | 100.3 | 2941.63 | 98.1 | P |
| Sodium | | | | 27500.0 | 27412.09 | 99.7 | 26864.01 | 97.7 | P |
| Thallium | | | | 50.0 | 51.70 | 103.4 | 50.50 | 101.0 | F |
| Vanadium | | | | 3000.0 | 3002.58 | 100.1 | 2948.44 | 98.3 | P |
| Zinc | | | | 3000.0 | 3017.12 | 100.6 | 2928.70 | 97.6 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | 3000.0 | 3085.41 | 102.8 | | | P |
| Antimony | | | | 5000.0 | 4924.34 | 98.5 | | | P |
| Arsenic | | | | 50.0 | 54.20 | 108.4 | 55.20 | 110.4 | F |
| Barium | | | | 3000.0 | 3066.50 | 102.2 | | | P |
| Beryllium | | | | 1000.0 | 993.68 | 99.4 | | | P |
| Cadmium | | | | 3000.0 | 2981.31 | 99.4 | | | P |
| Calcium | | | | 25000.0 | 24915.42 | 99.7 | | | P |
| Chromium | | | | 3000.0 | 3001.45 | 100.0 | | | P |
| Cobalt | | | | 3000.0 | 3000.33 | 100.0 | | | P |
| Copper | | | | 3000.0 | 3009.31 | 100.3 | | | P |
| Iron | | | | 12500.0 | 12393.81 | 99.2 | | | P |
| Lead | | | | 10000.0 | 9769.85 | 97.7 | | | P |
| Magnesium | | | | 7500.0 | 7424.36 | 99.0 | | | P |
| Manganese | | | | 2000.0 | 1999.85 | 100.0 | | | P |
| Mercury | | | | | | | | | NR |
| Nickel | | | | 3000.0 | 3003.78 | 100.1 | | | P |
| Potassium | | | | 200000.0 | 199217.6 | 99.6 | | | P |
| Selenium | | | | | | | | | NR |
| Silver | | | | 3000.0 | 3046.07 | 101.5 | | | P |
| Sodium | | | | 27500.0 | 27455.58 | 99.8 | | | P |
| Thallium | | | | 50.0 | 50.50 | 101.0 | 48.60 | 97.2 | F |
| Vanadium | | | | 3000.0 | 3019.77 | 100.7 | | | P |
| Zinc | | | | 3000.0 | 2900.00 | 96.7 | | | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 - (1/94)

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 1000.0 | 1019.73 | 102.0 | 3000.0 | 2953.79 | 98.5 | 2857.09 | 95.2 | P |
| Antimony | 1000.0 | 1099.01 | 109.9 | 5000.0 | 4993.66 | 99.9 | 4822.03 | 96.4 | P |
| Arsenic | | | | 50.0 | 58.20 | 116.4 | 58.50 | 117.0 | F |
| Barium | 1000.0 | 1053.86 | 105.4 | 3000.0 | 2985.69 | 99.5 | 3004.91 | 100.2 | P |
| Beryllium | 1000.0 | 1024.92 | 102.5 | 1000.0 | 994.68 | 99.5 | 997.68 | 99.8 | P |
| Cadmium | 1000.0 | 1037.50 | 103.8 | 3000.0 | 2973.89 | 99.1 | 2997.42 | 99.9 | P |
| Calcium | 26000.0 | 26758.75 | 102.9 | 25000.0 | 24774.31 | 99.1 | 25371.89 | 101.5 | P |
| Chromium | 1000.0 | 1036.96 | 103.7 | 3000.0 | 2991.18 | 99.7 | 2993.76 | 99.8 | P |
| Cobalt | 1000.0 | 1028.11 | 102.8 | 3000.0 | 2986.14 | 99.5 | 2983.90 | 99.5 | P |
| Copper | 1000.0 | 1049.02 | 104.9 | 3000.0 | 2984.08 | 99.5 | 2961.70 | 98.7 | P |
| Iron | 1000.0 | 1041.64 | 104.2 | 12500.0 | 12403.06 | 99.2 | 12323.57 | 98.6 | P |
| Lead | 1000.0 | 1011.61 | 101.2 | 10000.0 | 9924.43 | 99.2 | 9725.02 | 97.3 | P |
| Magnesium | 2000.0 | 2074.57 | 103.7 | 7500.0 | 7470.51 | 99.6 | 7195.75 | 95.9 | P |
| Manganese | 1000.0 | 1078.97 | 107.9 | 2000.0 | 1984.36 | 99.2 | 2008.13 | 100.4 | P |
| Mercury | | | | | | | | | NR |
| Nickel | 1000.0 | 993.95 | 99.4 | 3000.0 | 3036.86 | 101.2 | 3102.07 | 103.4 | P |
| Potassium | 30000.0 | 30303.86 | 101.0 | 200000.0 | 200999.4 | 100.5 | 200709.1 | 100.4 | P |
| Selenium | | | | | | | | | NR |
| Silver | 1000.0 | 1044.85 | 104.5 | 3000.0 | 2966.35 | 98.9 | 3062.87 | 102.1 | P |
| Sodium | 11000.0 | 11471.36 | 104.3 | 27500.0 | 27332.44 | 99.4 | 27083.60 | 98.5 | P |
| Thallium | | | | 50.0 | 51.00 | 102.0 | 54.10 | 108.2 | F |
| Vanadium | 1000.0 | 1039.04 | 103.9 | 3000.0 | 2975.31 | 99.2 | 2962.88 | 98.8 | P |
| Zinc | 1000.0 | 1018.33 | 101.8 | 3000.0 | 2989.89 | 99.7 | 2925.13 | 97.5 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 (1/94)

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515_

Initial Calibration Source: SPEX_____

Continuing Calibration Source: SPEX_____

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | 3000.0 | 2991.31 | 99.7 | 2910.93 | 97.0 | P |
| Antimony | | | | 5000.0 | 4830.37 | 96.6 | 5035.98 | 100.7 | P |
| Arsenic | | | | | | | | | NR |
| Barium | | | | 3000.0 | 2959.19 | 98.6 | 3046.47 | 101.5 | P |
| Beryllium | | | | 1000.0 | 989.32 | 98.9 | 1048.59 | 104.9 | P |
| Cadmium | | | | 3000.0 | 2950.48 | 98.3 | 3193.65 | 106.5 | P |
| Calcium | | | | 25000.0 | 26272.12 | 105.1 | 27266.63 | 109.1 | P |
| Chromium | | | | 3000.0 | 2978.70 | 99.3 | 3197.73 | 106.6 | P |
| Cobalt | | | | 3000.0 | 2957.89 | 98.6 | 3194.07 | 106.5 | P |
| Copper | | | | 3000.0 | 2914.84 | 97.2 | 2997.28 | 99.9 | P |
| Iron | | | | 12500.0 | 12678.62 | 101.4 | 13028.57 | 104.2 | P |
| Lead | | | | 10000.0 | 9969.82 | 99.7 | 10728.53 | 107.3 | P |
| Magnesium | | | | 7500.0 | 7574.93 | 101.0 | 7550.17 | 100.7 | P |
| Manganese | | | | 2000.0 | 1989.78 | 99.5 | 2128.20 | 106.4 | P |
| Mercury | | | | | | | | | NR |
| Nickel | | | | 3000.0 | 3018.27 | 100.6 | 3263.95 | 108.8 | P |
| Potassium | | | | 200000.0 | 194348.0 | 97.2 | 202006.8 | 101.0 | P |
| Selenium | | | | | | | | | NR |
| Silver | | | | 3000.0 | 2881.60 | 96.1 | 3017.02 | 100.6 | P |
| Sodium | | | | 27500.0 | 26430.54 | 96.1 | 26702.42 | 97.1 | P |
| Thallium | | | | 50.0 | 52.10 | 104.2 | | | F |
| Vanadium | | | | 3000.0 | 2977.81 | 99.3 | 3121.77 | 104.1 | P |
| Zinc | | | | 3000.0 | 2910.35 | 97.0 | 3085.00 | 102.8 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 - (1/94)

NYTEST ENVIRONMENTAL INC.

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

Initial Calibration Source: SPEX

Continuing Calibration Source: SPEX

Concentration Units: ug/L

| Analyte | Initial Calibration True | Initial Calibration Found | Initial Calibration %R(1) | Continuing Calibration True | Continuing Calibration Found | Continuing Calibration %R(1) | Continuing Calibration Found | Continuing Calibration %R(1) | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | 3000.0 | 2963.79 | 98.8 | 2959.62 | 98.7 | P |
| Antimony | | | | 5000.0 | 4947.99 | 99.0 | 5051.92 | 101.0 | P |
| Arsenic | | | | | | | | | NR |
| Barium | | | | 3000.0 | 2962.88 | 98.8 | 2926.78 | 97.6 | P |
| Beryllium | | | | 1000.0 | 992.61 | 99.3 | 1009.26 | 100.9 | P |
| Cadmium | | | | 3000.0 | 2988.35 | 99.6 | 3030.32 | 101.0 | P |
| Calcium | | | | 25000.0 | 24900.45 | 99.6 | 25859.39 | 103.4 | P |
| Chromium | | | | 3000.0 | 2963.52 | 98.8 | 3056.12 | 101.9 | P |
| Cobalt | | | | 3000.0 | 2996.71 | 99.9 | 3092.92 | 103.1 | P |
| Copper | | | | 3000.0 | 2970.32 | 99.0 | 2939.71 | 98.0 | P |
| Iron | | | | 12500.0 | 12196.66 | 97.6 | 11957.11 | 95.7 | P |
| Lead | | | | 10000.0 | 9942.59 | 99.4 | 10176.09 | 101.8 | P |
| Magnesium | | | | 7500.0 | 7382.41 | 98.4 | 7637.84 | 101.8 | P |
| Manganese | | | | 2000.0 | 1980.05 | 99.0 | 2017.23 | 100.9 | P |
| Mercury | | | | | | | | | NR |
| Nickel | | | | 3000.0 | 3023.15 | 100.8 | 3022.96 | 100.8 | P |
| Potassium | | | | 200000.0 | 201069.9 | 100.5 | 197955.4 | 99.0 | P |
| Selenium | | | | | | | | | NR |
| Silver | | | | 3000.0 | 2991.44 | 99.7 | 2962.23 | 98.7 | P |
| Sodium | | | | 27500.0 | 27215.60 | 99.0 | 26818.45 | 97.5 | P |
| Thallium | | | | | | | | | NR |
| Vanadium | | | | 3000.0 | 2973.67 | 99.1 | 3014.28 | 100.5 | P |
| Zinc | | | | 3000.0 | 2974.16 | 99.1 | 3000.91 | 100.0 | P |
| | | | | | | | | | |
| | | | | | | | | | |

NR : Analyte Not Required

NEI FORM 3 - (1/94)

NYTEST ENVIRONMENTAL INC.

CRDL STANDARD FOR AA AND ICP

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No. : 23515

AA CRDL Standard Source: SPEX

ICP CRDL Standard Source: SPEX

Concentration Units: ug/L

| Analyte | CRDL Standard for AA | | | CRDL Standard for ICP | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Initial | | Final | |
| | True | Found | %R | True | Found | %R | Found | %R |
| Aluminum | | | | | | | | |
| Antimony | | | | 120.0 | 75.48 | 62.9 | 134.41 | 112.0 |
| Arsenic | 10.0 | 9.20 | 92.0 | | | | | |
| Barium | | | | | | | | |
| Beryllium | | | | 10.0 | 9.15 | 91.5 | 10.03 | 100.3 |
| Cadmium | | | | 10.0 | 10.20 | 102.0 | 6.57 | 65.7 |
| Calcium | | | | | | | | |
| Chromium | | | | 20.0 | 19.59 | 98.0 | 20.39 | 102.0 |
| Cobalt | | | | 100.0 | 100.81 | 100.8 | 93.81 | 93.8 |
| Copper | | | | 50.0 | 55.71 | 111.4 | 53.43 | 106.9 |
| Iron | | | | | | | | |
| Lead | | | | 60.0 | 82.09 | 136.8 | 88.18 | 147.0 |
| Magnesium | | | | | | | | |
| Manganese | | | | 30.0 | 26.89 | 89.6 | 23.85 | 79.5 |
| Mercury | | | | | | | | |
| Nickel | | | | 80.0 | 69.95 | 87.4 | 101.43 | 126.8 |
| Potassium | | | | | | | | |
| Selenium | 5.0 | 4.70 | 94.0 | | | | | |
| Silver | | | | 20.0 | 24.19 | 121.0 | 16.65 | 83.2 |
| Sodium | | | | | | | | |
| Thallium | 10.0 | 9.50 | 95.0 | | | | | |
| Vanadium | | | | 100.0 | 90.71 | 90.7 | 90.09 | 90.1 |
| Zinc | | | | 40.0 | 39.68 | 99.2 | 35.98 | 90.0 |

NYTEST ENVIRONMENTAL INC.

CRDL STANDARD FOR AA AND ICP

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No. : 23515__

AA CRDL Standard Source: SPEX_____

ICP CRDL Standard Source: SPEX_____

Concentration Units: ug/L

| Analyte | CRDL Standard for AA | | | CRDL Standard for ICP | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | %R | True | Initial Found | %R | Final Found | %R |
| Aluminum | | | | | | | | |
| Antimony | | | | 120.0 | | | 80.84 | 67.4 |
| Arsenic | | | | | | | | |
| Barium | | | | | | | | |
| Beryllium | | | | 10.0 | | | 10.86 | 108.6 |
| Cadmium | | | | 10.0 | | | 11.99 | 119.9 |
| Calcium | | | | | | | | |
| Chromium | | | | 20.0 | | | 22.32 | 111.6 |
| Cobalt | | | | 100.0 | | | 105.26 | 105.3 |
| Copper | | | | 50.0 | | | 55.57 | 111.1 |
| Iron | | | | | | | | |
| Lead | | | | 60.0 | | | 84.66 | 141.1 |
| Magnesium | | | | | | | | |
| Manganese | | | | 30.0 | | | 27.02 | 90.1 |
| Mercury | | | | | | | | |
| Nickel | | | | 80.0 | | | 95.32 | 119.2 |
| Potassium | | | | | | | | |
| Selenium | | | | | | | | |
| Silver | | | | 20.0 | | | 22.90 | 114.5 |
| Sodium | | | | | | | | |
| Thallium | | | | | | | | |
| Vanadium | | | | 100.0 | | | 102.36 | 102.4 |
| Zinc | | | | 40.0 | | | 35.61 | 89.0 |

NYTEST ENVIRONMENTAL INC.

CRDL STANDARD FOR AA AND ICP

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No. : 23515__

AA CRDL Standard Source: _____

ICP CRDL Standard Source: SPEX_____

Concentration Units: ug/L

| Analyte | CRDL Standard for AA | | | CRDL Standard for ICP | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | Initial | | Final | |
| | True | Found | %R | True | Found | %R | Found | %R |
| Aluminum | | | | | | | | |
| Antimony | | | | 120.0 | 160.90 | 134.1 | 119.25 | 99.4 |
| Arsenic | | | | | | | | |
| Barium | | | | | | | | |
| Beryllium | | | | 10.0 | 10.25 | 102.5 | 8.95 | 89.5 |
| Cadmium | | | | 10.0 | 12.60 | 126.0 | 10.48 | 104.8 |
| Calcium | | | | | | | | |
| Chromium | | | | 20.0 | 25.04 | 125.2 | 16.12 | 80.6 |
| Cobalt | | | | 100.0 | 110.25 | 110.2 | 99.11 | 99.1 |
| Copper | | | | 50.0 | 61.91 | 123.8 | 53.90 | 107.8 |
| Iron | | | | | | | | |
| Lead | | | | 60.0 | 57.76 | 96.3 | 84.96 | 141.6 |
| Magnesium | | | | | | | | |
| Manganese | | | | 30.0 | 27.77 | 92.6 | 32.87 | 109.6 |
| Mercury | | | | | | | | |
| Nickel | | | | 80.0 | 74.57 | 93.2 | 79.62 | 99.5 |
| Potassium | | | | | | | | |
| Selenium | | | | | | | | |
| Silver | | | | 20.0 | 18.46 | 92.3 | 25.63 | 128.2 |
| Sodium | | | | | | | | |
| Thallium | | | | | | | | |
| Vanadium | | | | 100.0 | 104.98 | 105.0 | 94.55 | 94.6 |
| Zinc | | | | 40.0 | 42.22 | 105.6 | 38.19 | 95.5 |

NYTEST ENVIRONMENTAL INC.

# ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515__

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 24.0 | U | 24.0 | U | 24.0 | U | 24.7 | B | 24.000 | U | P |
| Antimony | 38.0 | U | 38.0 | U | 38.0 | U | 38.0 | U | 38.000 | U | P |
| Arsenic | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.000 | U | F |
| Barium | 8.0 | U | 8.0 | U | 8.0 | U | 8.0 | U | 8.000 | U | P |
| Beryllium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.000 | U | P |
| Cadmium | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | -2.620 | B | P |
| Calcium | 649.0 | U | 649.0 | U | 649.0 | U | 649.0 | U | 649.000 | U | P |
| Chromium | 6.8 | B | 5.0 | U | 5.4 | B | 5.0 | U | 5.000 | U | P |
| Cobalt | 7.0 | U | 7.0 | U | 7.0 | U | 7.0 | U | 7.000 | U | P |
| Copper | 4.0 | U | 4.0 | U | 4.7 | B | 4.0 | U | -4.710 | B | P |
| Iron | 13.0 | U | 13.0 | U | 32.2 | B | 13.0 | U | 29.930 | B | P |
| Lead | 30.0 | U | 30.0 | U | 30.0 | U | 30.0 | U | 30.000 | U | P |
| Magnesium | 431.0 | U | 431.0 | U | 431.0 | U | 431.0 | U | 431.000 | U | P |
| Manganese | 1.0 | U | 1.0 | U | 1.0 | U | 1.6 | B | 1.000 | U | P |
| Mercury | 0.2 | U | 0.2 | U | 0.2 | U | 0.2 | U | 0.200 | U | CV |
| Nickel | 27.0 | U | 27.0 | U | 27.0 | U | 27.0 | U | 27.000 | U | P |
| Potassium | 661.0 | U | 661.0 | U | 661.0 | U | 825.7 | B | 661.000 | U | P |
| Selenium | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.000 | U | F |
| Silver | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 | U | 6.000 | U | P |
| Sodium | 350.0 | U | 350.0 | U | 350.0 | U | 350.0 | U | 350.000 | U | P |
| Thallium | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.000 | U | F |
| Vanadium | 15.0 | U | 15.0 | U | 15.0 | U | 15.0 | U | 15.000 | U | P |
| Zinc | -12.9 | B | -11.2 | B | -7.8 | B | -8.6 | B | 5.000 | U | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NR = Analyte Not Requested

NYTEST ENVIRONMENTAL INC.

ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515__

Preparation Blank Matrix (soil/water): SOIL_

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | 94.8 | B | 24.0 | U | 24.0 | U | 2.400 | U | P |
| Antimony | | | 38.0 | U | 38.0 | U | 38.0 | U | -5.204 | B | P |
| Arsenic | | | 5.0 | U | 5.0 | U | 5.0 | U | 0.500 | U | F |
| Barium | | | 8.0 | U | 8.0 | U | 8.0 | U | 0.800 | U | P |
| Beryllium | | | 1.0 | U | 1.0 | U | 1.0 | U | 0.100 | U | P |
| Cadmium | | | 2.0 | U | 2.0 | U | -2.6 | B | 0.412 | B | P |
| Calcium | | | 649.0 | U | 649.0 | U | 649.0 | U | 64.900 | U | P |
| Chromium | | | 5.0 | U | 5.0 | U | 8.3 | B | 0.500 | U | P |
| Cobalt | | | 7.0 | U | 7.0 | U | 7.0 | U | -0.807 | B | P |
| Copper | | | 4.0 | U | -4.5 | B | 4.0 | U | 0.400 | U | P |
| Iron | | | 45.4 | B | 13.0 | U | 65.6 | B | 1.300 | U | P |
| Lead | | | 30.0 | U | 30.0 | U | 30.0 | U | 3.000 | U | P |
| Magnesium | | | 431.0 | U | 431.0 | U | 431.0 | U | 43.100 | U | P |
| Manganese | | | 1.6 | B | 1.0 | U | 1.4 | B | 0.100 | U | P |
| Mercury | | | 0.2 | U | 0.2 | U | 0.2 | U | 0.100 | U | CV |
| Nickel | | | 27.0 | U | 27.0 | U | 27.0 | U | 2.700 | U | P |
| Potassium | | | 825.7 | B | 661.0 | U | 661.0 | U | 78.537 | B | P |
| Selenium | | | 5.0 | U | 5.0 | U | 5.0 | U | 0.500 | U | F |
| Silver | | | 8.0 | B | 6.0 | U | 6.0 | U | -0.896 | B | P |
| Sodium | | | 350.0 | U | 350.0 | U | 350.0 | U | 35.000 | U | P |
| Thallium | | | 5.0 | U | 5.0 | U | 5.0 | U | 0.500 | U | F |
| Vanadium | | | 15.0 | U | 15.0 | U | 15.0 | U | 1.500 | U | P |
| Zinc | | | -7.8 | B | 5.0 | U | -6.5 | B | 0.500 | U | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NR = Analyte Not Requested

NEI FORM 5 - (1/94)

NYTEST ENVIRONMENTAL INC.

# ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | 24.0 | U | 24.0 | U | 40.9 | B | | | P |
| Antimony | | | -41.0 | B | 38.0 | U | 38.0 | U | | | P |
| Arsenic | | | 5.0 | U | 5.0 | U | 5.0 | U | | | F |
| Barium | | | 10.5 | B | 8.0 | U | 8.0 | U | | | P |
| Beryllium | | | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Cadmium | | | -4.0 | B | -4.0 | B | 4.0 | B | | | P |
| Calcium | | | 649.0 | U | 649.0 | U | 649.0 | U | | | P |
| Chromium | | | 7.0 | B | 5.0 | U | 9.9 | B | | | P |
| Cobalt | | | 7.0 | U | 7.0 | U | 7.0 | U | | | P |
| Copper | | | 4.0 | U | 4.0 | U | 4.0 | U | | | P |
| Iron | | | 61.2 | B | 13.0 | U | 13.0 | U | | | P |
| Lead | | | 30.0 | U | 30.0 | U | 30.0 | U | | | P |
| Magnesium | | | 431.0 | U | 431.0 | U | 431.0 | U | | | P |
| Manganese | | | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Mercury | | | 0.2 | U | | | | | | | CV |
| Nickel | | | 27.0 | U | 27.0 | U | 27.0 | U | | | P |
| Potassium | | | 1336.3 | B | 836.4 | B | 1485.7 | B | | | P |
| Selenium | | | | | | | | | | | NR |
| Silver | | | 8.3 | B | 8.3 | B | 8.3 | B | | | P |
| Sodium | | | 350.0 | U | 350.0 | U | 350.0 | U | | | P |
| Thallium | | | 5.0 | U | 5.0 | U | 5.0 | U | | | F |
| Vanadium | | | 15.0 | U | 15.0 | U | 15.0 | U | | | P |
| Zinc | | | 5.0 | U | 5.0 | U | 5.0 | U | | | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NR = Analyte Not Requested

NEI FORM 5 (1/94)

NYTEST ENVIRONMENTAL INC.

# ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 24.0 | U | 24.0 | U | 35.6 | B | 28.3 | B | | | P |
| Antimony | 38.0 | U | 38.0 | U | 38.0 | U | 38.0 | U | | | P |
| Arsenic | | | 5.0 | U | 5.0 | U | 5.0 | U | | | F |
| Barium | 8.0 | U | 8.0 | U | 8.0 | U | 8.0 | U | | | P |
| Beryllium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Cadmium | 2.0 | U | 2.6 | B | 2.6 | B | -3.0 | B | | | P |
| Calcium | 649.0 | U | 649.0 | U | 649.0 | U | 649.0 | U | | | P |
| Chromium | -5.6 | B | 5.0 | U | 5.0 | U | 5.0 | U | | | P |
| Cobalt | -9.6 | B | 7.0 | U | 7.0 | U | -8.5 | B | | | P |
| Copper | 4.0 | U | 4.0 | U | 4.0 | U | -8.8 | B | | | P |
| Iron | 13.0 | U | 20.7 | B | 64.8 | B | 44.2 | B | | | P |
| Lead | 30.0 | U | 30.0 | U | 30.0 | U | 30.0 | U | | | P |
| Magnesium | 431.0 | U | 431.0 | U | 431.0 | U | 431.0 | U | | | P |
| Manganese | 1.0 | U | 1.5 | B | 1.8 | B | 1.2 | B | | | P |
| Mercury | | | | | | | | | | | NR |
| Nickel | 27.0 | U | 27.0 | U | 27.0 | U | 27.0 | U | | | P |
| Potassium | -1161.8 | B | -1358.9 | B | -1789.6 | B | -1898.2 | B | | | P |
| Selenium | | | | | | | | | | | NR |
| Silver | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 | U | | | P |
| Sodium | 350.0 | U | 350.0 | U | 350.0 | U | 350.0 | U | | | P |
| Thallium | | | 5.0 | U | 5.0 | U | 5.0 | U | | | F |
| Vanadium | 15.0 | U | 15.0 | U | 15.0 | U | 15.0 | U | | | P |
| Zinc | 5.0 | U | 10.4 | B | 10.7 | B | 18.1 | B | | | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NR = Analyte Not Requested

NEI FORM 5 - (1/94)

NYTEST ENVIRONMENTAL INC.

## ANALYTICAL AND METHOD BLANK SUMMARY

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515__

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | 24.0 | U | 24.0 | U | 52.8 | B | | | P |
| Antimony | | | 38.0 | U | 38.0 | U | 38.0 | U | | | P |
| Arsenic | | | | | | | | | | | NR |
| Barium | | | 8.0 | U | 8.0 | U | 8.0 | U | | | P |
| Beryllium | | | 1.0 | U | 1.0 | U | 1.4 | B | | | P |
| Cadmium | | | 2.0 | U | 2.2 | B | 3.6 | B | | | P |
| Calcium | | | 649.0 | U | 649.0 | U | 649.0 | U | | | P |
| Chromium | | | 5.0 | U | -8.8 | B | 5.3 | B | | | P |
| Cobalt | | | 7.0 | U | 7.0 | U | 7.0 | U | | | P |
| Copper | | | 4.0 | U | 4.7 | B | 4.0 | U | | | P |
| Iron | | | 74.0 | B | -17.7 | B | 13.0 | U | | | P |
| Lead | | | 30.0 | U | 30.0 | U | 30.0 | U | | | P |
| Magnesium | | | 431.0 | U | 431.0 | U | 431.0 | U | | | P |
| Manganese | | | 1.2 | B | 2.8 | B | 3.0 | B | | | P |
| Mercury | | | | | | | | | | | NR |
| Nickel | | | 27.0 | U | 27.0 | U | 27.0 | U | | | P |
| Potassium | | | -1789.6 | B | -1221.5 | B | -1332.2 | B | | | P |
| Selenium | | | | | | | | | | | NR |
| Silver | | | -8.4 | B | 6.0 | U | 6.0 | U | | | P |
| Sodium | | | 350.0 | U | 350.0 | U | 350.0 | U | | | P |
| Thallium | | | 5.0 | U | | | | | | | F |
| Vanadium | | | 15.0 | U | 15.0 | U | 15.0 | U | | | P |
| Zinc | | | 9.4 | B | 5.0 | U | 5.0 | U | | | P |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NR = Analyte Not Requested

NEI FORM 5 - (1/94)

NYTEST ENVIRONMENTAL INC.

ICP INTERFERENCE CHECK SAMPLE

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 ICS Source: EPA

Concentration Units: ug/L

| Analyte | True Sol. A | True Sol. AB | Initial Found Sol. A | Initial Found Sol. AB | %R | Final Found Sol. A | Final Found Sol. AB | %R |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 514927 | 500000 | 459629 | 473760.3 | 94.8 | 440000 | 455605.8 | 91.1 |
| Antimony | 0 | 0 | -44 | -96.7 | | 107 | -2.3 | |
| Arsenic | | | | | | | | |
| Barium | 0 | 500 | 25 | 493.8 | 98.8 | 19 | 474.9 | 95.0 |
| Beryllium | 0 | 500 | -1 | 466.7 | 93.3 | 0 | 464.4 | 92.9 |
| Cadmium | 0 | 1000 | 2 | 949.1 | 94.9 | -5 | 956.4 | 95.6 |
| Calcium | 529351 | 500000 | 462220 | 473987.1 | 94.8 | 450567 | 467365.2 | 93.5 |
| Chromium | 14 | 500 | 19 | 468.9 | 93.8 | 22 | 460.2 | 92.0 |
| Cobalt | 0 | 500 | 0 | 447.9 | 89.6 | 4 | 433.4 | 86.7 |
| Copper | 0 | 500 | -11 | 481.3 | 96.3 | -8 | 479.3 | 95.9 |
| Iron | 190348 | 200000 | 168934 | 172826.5 | 86.4 | 162625 | 167744.0 | 83.9 |
| Lead | 0 | 1000 | 137 | 1014.2 | 101.4 | 189 | 1081.0 | 108.1 |
| Magnesium | 543610 | 500000 | 473920 | 487727.8 | 97.5 | 455009 | 470698.0 | 94.1 |
| Manganese | 36 | 500 | -5 | 470.8 | 94.2 | -3 | 455.2 | 91.0 |
| Mercury | | | | | | | | |
| Nickel | 0 | 1000 | 14 | 899.9 | 90.0 | 30 | 900.1 | 90.0 |
| Potassium | 0 | 0 | -1465 | -1412.9 | | -680 | -836.9 | |
| Selenium | | | | | | | | |
| Silver | 0 | 1000 | -20 | 949.2 | 94.9 | -22 | 895.9 | 89.6 |
| Sodium | 0 | 0 | 170 | 183.3 | | 145 | 80.8 | |
| Thallium | | | | | | | | |
| Vanadium | 0 | 500 | 39 | 508.8 | 101.8 | 37 | 509.4 | 101.9 |
| Zinc | 71 | 1000 | -40 | 887.1 | 88.7 | -42 | 881.8 | 88.2 |

NEI FORM 6 (1/94)

NYTEST ENVIRONMENTAL INC.

ICP INTERFERENCE CHECK SAMPLE

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 ICS Source: EPA

Concentration Units: ug/L

| Analyte | True Sol. A | True Sol. AB | Initial Found Sol. A | Initial Found Sol. AB | Initial Found %R | Final Found Sol. A | Final Found Sol. AB | Final Found %R |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 514927 | 500000 | | | | 476546 | 499578.7 | 99.9 |
| Antimony | 0 | 0 | | | | -59 | 56.3 | |
| Arsenic | | | | | | | | |
| Barium | 0 | 500 | | | | 29 | 520.1 | 104.0 |
| Beryllium | 0 | 500 | | | | 1 | 479.8 | 96.0 |
| Cadmium | 0 | 1000 | | | | 7 | 990.6 | 99.1 |
| Calcium | 529351 | 500000 | | | | 450931 | 475065.5 | 95.0 |
| Chromium | 14 | 500 | | | | 26 | 497.6 | 99.5 |
| Cobalt | 0 | 500 | | | | 10 | 479.2 | 95.8 |
| Copper | 0 | 500 | | | | 2 | 498.5 | 99.7 |
| Iron | 190348 | 200000 | | | | 171924 | 180736.1 | 90.4 |
| Lead | 0 | 1000 | | | | 246 | 1128.6 | 112.9 |
| Magnesium | 543610 | 500000 | | | | 467287 | 491547.0 | 98.3 |
| Manganese | 36 | 500 | | | | 1 | 485.9 | 97.2 |
| Mercury | | | | | | | | |
| Nickel | 0 | 1000 | | | | 8 | 923.4 | 92.3 |
| Potassium | 0 | 0 | | | | 54 | -919.8 | |
| Selenium | | | | | | | | |
| Silver | 0 | 1000 | | | | -40 | 996.6 | 99.7 |
| Sodium | 0 | 0 | | | | 190 | 163.8 | |
| Thallium | | | | | | | | |
| Vanadium | 0 | 500 | | | | 40 | 561.4 | 112.3 |
| Zinc | 71 | 1000 | | | | -30 | 902.6 | 90.3 |

NEI FORM 6 (1/94)

NYTEST ENVIRONMENTAL INC.

ICP INTERFERENCE CHECK SAMPLE

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 ICS Source: EPA

Concentration Units: ug/L

| Analyte | True Sol. A | True Sol. AB | Initial Found Sol. A | Initial Found Sol. AB | Initial Found %R | Final Found Sol. A | Final Found Sol. AB | Final Found %R |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 514927 | 500000 | 487153 | 505926.4 | 101.2 | 468827 | 475072.2 | 95.0 |
| Antimony | 0 | 0 | 0 | 99.8 | | 104 | 27.6 | |
| Arsenic | | | | | | | | |
| Barium | 0 | 500 | 23 | 546.9 | 109.4 | 15 | 483.6 | 96.7 |
| Beryllium | 0 | 500 | 0 | 485.5 | 97.1 | -2 | 471.1 | 94.2 |
| Cadmium | 0 | 1000 | 2 | 976.0 | 97.6 | -5 | 948.6 | 94.9 |
| Calcium | 529351 | 500000 | 467465 | 494464.3 | 98.9 | 455388 | 470167.6 | 94.0 |
| Chromium | 14 | 500 | 26 | 513.0 | 102.6 | -12 | 452.7 | 90.5 |
| Cobalt | 0 | 500 | 12 | 476.1 | 95.2 | 0 | 460.7 | 92.1 |
| Copper | 0 | 500 | -2 | 516.0 | 103.2 | -10 | 466.6 | 93.3 |
| Iron | 190348 | 200000 | 179647 | 187040.9 | 93.5 | 166508 | 171087.9 | 85.5 |
| Lead | 0 | 1000 | 172 | 1099.2 | 109.9 | 48 | 986.0 | 98.6 |
| Magnesium | 543610 | 500000 | 483491 | 494728.2 | 98.9 | 476055 | 487686.3 | 97.5 |
| Manganese | 36 | 500 | -2 | 497.2 | 99.4 | -1 | 468.6 | 93.7 |
| Mercury | | | | | | | | |
| Nickel | 0 | 1000 | -7 | 898.4 | 89.8 | -18 | 878.0 | 87.8 |
| Potassium | 0 | 0 | 116 | -1156.8 | | -554 | -719.6 | |
| Selenium | | | | | | | | |
| Silver | 0 | 1000 | -16 | 1020.3 | 102.0 | -31 | 919.7 | 92.0 |
| Sodium | 0 | 0 | 178 | 204.2 | | 176 | 190.4 | |
| Thallium | | | | | | | | |
| Vanadium | 0 | 500 | 53 | 550.5 | 110.1 | 35 | 529.5 | 105.9 |
| Zinc | 71 | 1000 | -42 | 878.0 | 87.8 | -224 | 889.9 | 89.0 |

NEI FORM 6 (1/94)

NYTEST ENVIRONMENTAL INC.

MATRIX SPIKE RECOVERY DATA SHEET

SAMPLE NO.

BBSS10S

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No. : 23515

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| Analyte | Control Limit %R | Spiked Sample Result (SSR) | C | Sample Result (SR) | C | Spike Added (SA) | %R | Q | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | NR |
| Antimony | 75-125 | 59.8860 | | 35.6309 | | 56.46 | 43.0 | N | P |
| Arsenic | 75-125 | 19.3228 | | 14.5385 | | 4.74 | 100.9 | | F |
| Barium | | 1281.4047 | | 6140.9252 | | 225.84 | -2151.8 | | P |
| Beryllium | 75-125 | 6.2556 | | 0.3588 | B | 5.65 | 104.4 | | P |
| Cadmium | 75-125 | 19.7606 | | 14.1956 | | 5.65 | 98.5 | | P |
| Calcium | | | | | | | | | NR |
| Chromium | | 206.7830 | | 203.9728 | | 22.58 | 12.4 | | P |
| Cobalt | 75-125 | 95.6832 | | 39.5380 | | 56.46 | 99.4 | | P |
| Copper | | 2447.1330 | | 1743.3396 | | 28.23 | 2493.1 | | P |
| Iron | | | | | | | | | NR |
| Lead | | 1718.9352 | | 1638.2774 | | 56.46 | 142.9 | | P |
| Magnesium | | | | | | | | | NR |
| Manganese | | 397.3701 | | 356.4447 | | 56.46 | 72.5 | | P |
| Mercury | | 23.4073 | | 18.8744 | | 0.61 | 743.1 | | CV |
| Nickel | | 1987.6581 | | 291.4212 | | 56.46 | 3004.3 | | P |
| Potassium | | | | | | | | | NR |
| Selenium | 75-125 | 2.5574 | | 2.2358 | | 1.18 | 27.3 | N | F |
| Silver | 75-125 | 4.7538 | | 0.7036 | U | 5.65 | 84.1 | | P |
| Sodium | | | | | | | | | NR |
| Thallium | 75-125 | 5.4582 | | 0.5978 | U | 5.92 | 92.2 | | F |
| Vanadium | 75-125 | 80.0915 | | 28.8391 | | 56.46 | 90.8 | | P |
| Zinc | | 1291.0761 | | 3145.4468 | | 56.46 | -3284.4 | | P |

Comments:

BBSS10MSD ARSENIC_AT_A_4X_DILUTION.
MERCURY_AT_A_6X_DILUTION

NR : Analyte Not Required

NEI FORM 7 - (1/94)

NYTEST ENVIRONMENTAL INC.

POST DIGEST SPIKE SAMPLE RECOVERY

SAMPLE NO.

BBSS10A

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No. : 23515

Matrix (soil/water) : SOIL Level (low/med): LOW

Concentration Units: ug/L

| Analyte | Control Limit %R | Spiked Sample Result (SSR) | C | Sample Result (SR) | C | Added (SA) | %R | Q | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | NR |
| Antimony | | 1040.78 | | 60.57 | | 1000.0 | 98.0 | | P |
| Arsenic | | | | | | | | | NR |
| Barium | | 14841.52 | | 10788.52 | | 4000.0 | 101.3 | | P |
| Beryllium | | | | | | | | | NR |
| Cadmium | | | | | | | | | NR |
| Calcium | | | | | | | | | NR |
| Chromium | | | | | | | | | NR |
| Cobalt | | | | | | | | | NR |
| Copper | | 3568.49 | | 3063.99 | | 500.0 | 100.9 | | P |
| Iron | | | | | | | | | NR |
| Lead | | | | | | | | | NR |
| Magnesium | | | | | | | | | NR |
| Manganese | | | | | | | | | NR |
| Mercury | | | | | | | | | NR |
| Nickel | | 1606.61 | | 519.72 | | 1000.0 | 108.7 | | P |
| Potassium | | | | | | | | | NR |
| Selenium | | | | | | | | | NR |
| Silver | | | | | | | | | NR |
| Sodium | | | | | | | | | NR |
| Thallium | | | | | | | | | NR |
| Vanadium | | | | | | | | | NR |
| Zinc | | 6736.45 | | 5728.04 | | 1000.0 | 100.8 | | P |
| | | | | | | | | | |
| | | | | | | | | | |

Comments:

BBSS10 SAMPLE_WAS_DILUTED_5X_THEN_POST_SPIKED

NR = Analyte Not Requested

NEI FORM 8 - (9/93)

NYTEST ENVIRONMENTAL INC.

DUPLICATES

SAMPLE NO.

BBSS10D

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No. : 23515

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 82.0 % Solids for Duplicate: 83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | M |
|---|---|---|---|---|---|---|---|---|
| Aluminum | | 7652.4930 | | 8102.6225 | | 5.7 | | P |
| Antimony | 7.0 | 35.6309 | | 34.5684 | | 3.0 | | P |
| Arsenic | | 14.5385 | | 14.2652 | | 1.9 | | F |
| Barium | | 6140.9252 | | 2070.4210 | | 99.1 | * | P |
| Beryllium | | 0.3588 | B | 0.4433 | B | 21.1 | | P |
| Cadmium | | 14.1956 | | 17.0095 | | 18.0 | | P |
| Calcium | | 3220.1689 | | 4021.5907 | | 22.1 | * | P |
| Chromium | | 203.9728 | | 235.6702 | | 14.4 | | P |
| Cobalt | | 39.5380 | | 33.4708 | | 16.6 | | P |
| Copper | | 1743.3396 | | 1631.5620 | | 6.6 | | P |
| Iron | | 67762.6642 | | 48861.0817 | | 32.4 | * | P |
| Lead | | 1638.2774 | | 1900.4560 | | 14.8 | | P |
| Magnesium | 586.3 | 1331.6323 | | 1647.5122 | | 21.2 | | P |
| Manganese | | 356.4447 | | 305.5323 | | 15.4 | | P |
| Mercury | | 18.8744 | | 18.4756 | | 2.1 | | CV |
| Nickel | | 291.4212 | | 227.7497 | | 24.5 | * | P |
| Potassium | | 360.7868 | B | 342.9247 | B | 5.1 | | P |
| Selenium | 0.6 | 2.2358 | | 1.9266 | | 14.9 | | F |
| Silver | | 0.7036 | U | 0.6363 | U | | | P |
| Sodium | | 169.6646 | B | 201.0445 | B | 16.9 | | P |
| Thallium | | 0.5978 | U | 0.5124 | U | | | F |
| Vanadium | 5.9 | 28.8391 | | 28.6363 | | 0.7 | | P |
| Zinc | | 3145.4468 | | 1239.5058 | | 86.9 | * | P |

NR : Analyte Not Requested

NEI FORM 9 (1/94)

NYTEST ENVIRONMENTAL INC.

LABORATORY CONTROL SAMPLE

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515_

Solid LCS Source: EPA-LV_____

Aqueous LCS Source: SPEX_____

| Analyte | Aqueous (ug/L) True | Found | %R | Solid (mg/kg) True | Found | C | Limits | | %R |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 10000.0 | 10384.64 | 103.8 | 3740.0 | 4250.6 | | 1680.0 | 5800.0 | 113.7 |
| Antimony | 1000.0 | 1070.03 | 107.0 | 98.9 | 129.4 | | 29.7 | 394.0 | 130.8 |
| Arsenic | | | | 349.0 | 319.2 | | 171.0 | 520.0 | 91.5 |
| Barium | 1000.0 | 1046.85 | 104.7 | 111.0 | 104.3 | | 18.9 | 205.0 | 94.0 |
| Beryllium | 1000.0 | 1037.14 | 103.7 | 34.7 | 35.0 | | 22.2 | 48.6 | 100.9 |
| Cadmium | 1000.0 | 1052.76 | 105.3 | 46.9 | 46.9 | | 24.4 | 67.6 | 100.0 |
| Calcium | 50000.0 | 53112.52 | 106.2 | 2970.0 | 3013.7 | | 1870.0 | 4190.0 | 101.5 |
| Chromium | 1000.0 | 1059.66 | 106.0 | 115.0 | 123.7 | | 62.3 | 163.0 | 107.6 |
| Cobalt | 1000.0 | 1043.58 | 104.4 | 191.0 | 204.9 | | 115.0 | 272.0 | 107.3 |
| Copper | 1500.0 | 1568.36 | 104.6 | 88.1 | 88.0 | | 50.2 | 128.0 | 99.9 |
| Iron | 11000.0 | 10808.85 | 98.3 | 7890.0 | 9046.8 | | 4020.0 | 11700.0 | 114.7 |
| Lead | 1000.0 | 1031.10 | 103.1 | 52.4 | 43.0 | | 27.8 | 74.4 | 82.1 |
| Magnesium | 20000.0 | 20800.05 | 104.0 | 2850.0 | 2966.1 | | 1710.0 | 4100.0 | 104.1 |
| Manganese | 1000.0 | 1103.77 | 110.4 | 151.0 | 176.3 | | 101.0 | 204.0 | 116.8 |
| Mercury | | | | 13.1 | 12.5 | | 6.3 | 20.5 | 95.4 |
| Nickel | 1000.0 | 1094.35 | 109.4 | 89.7 | 98.3 | | 49.3 | 131.0 | 109.6 |
| Potassium | 21000.0 | 21810.84 | 103.9 | 2790.0 | 3104.9 | | 1730.0 | 3680.0 | 111.3 |
| Selenium | | | | 185.0 | 178.8 | | 96.3 | 276.0 | 96.6 |
| Silver | 1000.0 | 1072.63 | 107.3 | 47.8 | 27.4 | | 11.2 | 84.3 | 57.3 |
| Sodium | 10000.0 | 10461.02 | 104.6 | 1220.0 | 1196.9 | | 683.0 | 1770.0 | 98.1 |
| Thallium | | | | 49.9 | 48.6 | | 24.9 | 74.8 | 97.4 |
| Vanadium | 1000.0 | 1041.16 | 104.1 | 44.4 | 48.2 | | 27.1 | 61.7 | 108.6 |
| Zinc | 1000.0 | 1047.23 | 104.7 | 101.0 | 93.4 | | 52.5 | 150.0 | 92.5 |
| | | | | | | | | | |
| | | | | | | | | | |

NEI FORM 10 - (1/94)

NYTEST ENVIRONMENTAL INC.

LABORATORY CONTROL SAMPLE

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.: 23515_

Solid LCS Source: EPA-LV_____

Aqueous LCS Source: SPEX_____

| Analyte | Aqueous (ug/L) True | Found | %R | Solid (mg/kg) True | Found | C | Limits | | %R |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | |
| Antimony | | | | | | | | | |
| Arsenic | 90.0 | 82.20 | 91.3 | | | | | | |
| Barium | | | | | | | | | |
| Beryllium | | | | | | | | | |
| Cadmium | | | | | | | | | |
| Calcium | | | | | | | | | |
| Chromium | | | | | | | | | |
| Cobalt | | | | | | | | | |
| Copper | | | | | | | | | |
| Iron | | | | | | | | | |
| Lead | | | | | | | | | |
| Magnesium | | | | | | | | | |
| Manganese | | | | | | | | | |
| Mercury | | | | | | | | | |
| Nickel | | | | | | | | | |
| Potassium | | | | | | | | | |
| Selenium | 90.0 | 85.20 | 94.7 | | | | | | |
| Silver | | | | | | | | | |
| Sodium | | | | | | | | | |
| Thallium | 90.0 | 92.20 | 102.4 | | | | | | |
| Vanadium | | | | | | | | | |
| Zinc | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NEI FORM 10 - (1/94)

NYTEST ENVIRONMENTAL INC.

STANDARD ADDITION RESULTS

Lab Name: NYTEST_ENV_INC.__________ Contract:9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515_

Analytical Method : GFAA Matrix : _______

Concentration Units: ug/L

| EPA Sample No. | An | 0 ADD ABS | 1 ADD CON | 1 ADD ABS | 2 ADD CON | 2 ADD ABS | 3 ADD CON | 3 ADD ABS | Final Conc. | r | Q |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

NEI FORM 11 - (1/94)

NYTEST ENVIRONMENTAL INC.

ICP SERIAL DILUTION

SAMPLE NO.

BBSS10L

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

Matrix (soil/water): SOIL Level (low/med): LOW

Concentration Units: ug/L

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Aluminum | 65260.46 | | 66643.70 | | 2.1 | | P |
| Antimony | 303.86 | | 302.85 | | 0.3 | | P |
| Arsenic | | | | | | | |
| Barium | 52369.81 | | 53942.60 | | 3.0 | | P |
| Beryllium | 3.06 | B | 5.00 | U | 100.0 | | P |
| Cadmium | 121.06 | | 114.55 | | 5.4 | | P |
| Calcium | 27461.60 | | 29894.10 | | 8.9 | | P |
| Chromium | 1739.48 | | 1927.80 | | 10.8 | E | P |
| Cobalt | 337.18 | | 359.20 | | 6.5 | | P |
| Copper | 14867.20 | | 15319.95 | | 3.0 | | P |
| Iron | 577880.00 | | 572405.14 | | 0.9 | | P |
| Lead | 13971.23 | | 15165.70 | | 8.5 | | P |
| Magnesium | 11356.16 | | 12101.50 | B | 6.6 | | P |
| Manganese | 3039.76 | | 3249.65 | | 6.9 | | P |
| Mercury | | | | | | | |
| Nickel | 2485.24 | | 2598.60 | | 4.6 | | P |
| Potassium | 3076.79 | B | 6749.55 | B | 119.4 | | P |
| Selenium | | | | | | | |
| Silver | 6.00 | U | 30.00 | U | | | P |
| Sodium | 1446.90 | B | 2054.30 | B | 42.0 | | P |
| Thallium | | | | | | | |
| Vanadium | 245.94 | | 281.90 | | 14.6 | | P |
| Zinc | 26824.37 | | 28640.20 | | 6.8 | | P |

NEI FORM 12 - 1/94

NYTEST ENVIRONMENTAL INC.

Instrument Detection Limits (Quarterly)

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 Date in Effect: 01/01/95

Flame AA ID Number :

Furnace AA ID Number :

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | 308.21 | | 200 | 24.0 | P |
| Antimony | 206.83 | | 60 | 38.0 | P |
| Arsenic | | | 10 | | |
| Barium | 493.40 | | 200 | 8.0 | P |
| Beryllium | 313.04 | | 5 | | P |
| Cadmium | 228.80 | | 5 | 2.0 | P |
| Calcium | 317.93 | | 5000 | 649.0 | P |
| Chromium | 267.71 | | 10 | 5.0 | P |
| Cobalt | 228.61 | | 50 | 7.0 | P |
| Copper | 324.75 | | 25 | 4.0 | P |
| Iron | 259.94 | | 100 | 13.0 | P |
| Lead | 220.00 | | 5 | 30.0 | P |
| Magnesium | 279.08 | | 5000 | 431.0 | P |
| Manganese | 257.61 | | 15 | 1.0 | P |
| Mercury | | | 0.2 | | |
| Nickel | 588.99 | | 40 | 27.0 | P |
| Potassium | 766.50 | | 5000 | 661.0 | P |
| Selenium | | | 5 | | |
| Silver | 328.06 | | 10 | 6.0 | P |
| Sodium | 588.99 | | 5000 | 350.0 | P |
| Thallium | | | 10 | | |
| Vanadium | 292.40 | | 50 | 15.0 | P |
| Zinc | 213.85 | | 20 | 5.0 | P |

Comments:

NEI FORM 13 - (1/94)

NYTEST ENVIRONMENTAL INC.

Instrument Detection Limits (Quarterly)

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: Date in Effect: 01/01/95

Flame AA ID Number :

Furnace AA ID Number : 3030

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | | | 200 | | |
| Antimony | | | 60 | | |
| Arsenic | 193.70 | BZ | 10 | 5.0 | F |
| Barium | | | 200 | | |
| Beryllium | | | 5 | | |
| Cadmium | | | 5 | | |
| Calcium | | | 5000 | | |
| Chromium | | | 10 | | |
| Cobalt | | | 50 | | |
| Copper | | | 25 | | |
| Iron | | | 100 | | |
| Lead | | | 5 | | |
| Magnesium | | | 5000 | | |
| Manganese | | | 15 | | |
| Mercury | | | 0.2 | | |
| Nickel | | | 40 | | |
| Potassium | | | 5000 | | |
| Selenium | 196.00 | BZ | 5 | 5.0 | F |
| Silver | | | 10 | | |
| Sodium | | | 5000 | | |
| Thallium | 276.80 | BZ | 10 | 5.0 | F |
| Vanadium | | | 50 | | |
| Zinc | | | 20 | | |

Comments:

NEI FORM 13 - (1/94)

NYTEST ENVIRONMENTAL INC.

Instrument Detection Limits (Quarterly)

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: Date in Effect: 01/01/95

Flame AA ID Number : 100

Furnace AA ID Number :

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | | | 200 | | |
| Antimony | | | 60 | | |
| Arsenic | | | 10 | | |
| Barium | | | 200 | | |
| Beryllium | | | 5 | | |
| Cadmium | | | 5 | | |
| Calcium | | | 5000 | | |
| Chromium | | | 10 | | |
| Cobalt | | | 50 | | |
| Copper | | | 25 | | |
| Iron | | | 100 | | |
| Lead | | | 5 | | |
| Magnesium | | | 5000 | | |
| Manganese | | | 15 | | |
| Mercury | 253.70 | | 0.2 | 0.2 | CV |
| Nickel | | | 40 | | |
| Potassium | | | 5000 | | |
| Selenium | | | 5 | | |
| Silver | | | 10 | | |
| Sodium | | | 5000 | | |
| Thallium | | | 10 | | |
| Vanadium | | | 50 | | |
| Zinc | | | 20 | | |

Comments:

NEI FORM 13 - (1/94)

NYTEST ENVIRONMENTAL INC.

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 Date: 06/01/94

| Analyte | Wave-length (nm) | Interelement Correction Factors for : Al | Ca | Fe | Mg | CR |
|---|---|---|---|---|---|---|
| Aluminum | 308.21 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002810 | 0.0000000 |
| Antimony | 206.83 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0063710 |
| Arsenic | 193.70 | 0.0077140 | 0.0000000 | -0.0002500 | 0.0000000 | 0.0008770 |
| Barium | 493.40 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 313.04 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium | 228.80 | 0.0000440 | 0.0000000 | -0.0001200 | 0.0000000 | 0.0000000 |
| Calcium | 317.93 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium | 267.71 | 0.0003120 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt | 228.61 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0003400 |
| Copper | 324.75 | 0.0000000 | 0.0000000 | 0.0001070 | 0.0000000 | 0.0000000 |
| Iron | 259.94 | -0.0007900 | 0.0001500 | 0.0000000 | 0.0004420 | -0.0007600 |
| Lead | 220.00 | 0.0007800 | 0.0000000 | 0.0000000 | -0.0008500 | -0.0007300 |
| Magnesium | 279.08 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Manganese | 257.61 | 0.0000000 | 0.0000000 | -0.0004200 | 0.0000390 | 0.0000000 |
| Mercury | | | | | | |
| Nickel | 588.99 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Potassium | 766.50 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium | 196.02 | 0.0001570 | 0.0000000 | -0.0005800 | 0.0000000 | 0.0000000 |
| Silver | 328.06 | 0.0000000 | 0.0000000 | -0.0001900 | 0.0000000 | 0.0000000 |
| Sodium | 588.99 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium | 190.86 | -0.0005300 | 0.0000000 | 0.0018230 | 0.0004980 | 0.0004300 |
| Vanadium | 292.40 | 0.0000000 | 0.0000000 | -0.0001900 | 0.0000950 | 0.0021850 |
| Zinc | 213.85 | 0.0000000 | 0.0000000 | 0.0001160 | 0.0000780 | -0.0000900 |

Comments:

NEI FORM 1 - (1/94)

NYTEST ENVIRONMENTAL INC.

ICP INTERELEMENT CORRECTION FACTORS (ANNUALLY)

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 Date: 06/01/94

| Analyte | Wave-length (nm) | Interelement Correction Factors for : | | | | |
|---|---|---|---|---|---|---|
| | | NA | NI | V | ZN | |
| Aluminum | 308.21 | 0.0000000 | 0.0000000 | 0.2128800 | 0.0000000 | |
| Antimony | 206.83 | 0.0000000 | -0.0015700 | -0.0012300 | 0.0000000 | |
| Arsenic | 193.70 | 0.0000000 | 0.0000000 | 0.2333700 | 0.0000000 | |
| Barium | 493.40 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Beryllium | 313.04 | 0.0000000 | 0.0000000 | 0.0015610 | 0.0000000 | |
| Cadmium | 228.80 | 0.0000000 | -0.0000300 | -0.0003100 | 0.0000000 | |
| Calcium | 317.93 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Chromium | 267.71 | 0.0000000 | 0.0000000 | -0.0083800 | 0.0000000 | |
| Cobalt | 228.61 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Copper | 324.75 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Iron | 259.94 | 0.0006960 | 0.0000000 | 0.0003660 | 0.0000000 | |
| Lead | 220.00 | 0.0000000 | 0.0005090 | 0.0058400 | 0.0000000 | |
| Magnesium | 279.08 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Manganese | 257.61 | 0.0000000 | 0.0000000 | 0.0620800 | 0.0000000 | |
| Mercury | | | | | | |
| Nickel | 588.99 | 0.0000000 | 0.0000000 | -0.0001600 | -0.0020800 | |
| Potassium | 766.50 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Selenium | 196.02 | 0.0000000 | 0.0000000 | -0.0021800 | 0.0000000 | |
| Silver | 328.06 | 0.0000000 | 0.0000000 | -0.0024400 | 0.0000000 | |
| Sodium | 588.99 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Thallium | 190.86 | 0.0000000 | 0.0000000 | 0.0259140 | 0.0000000 | |
| Vanadium | 292.40 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | |
| Zinc | 213.85 | 0.0000000 | 0.0000000 | -0.0007200 | 0.0000000 | |

Comments:

NYTEST ENVIRONMENTAL INC.

ICP LINEAR RANGES (QUARTERLY)

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.: 23515 QC Report No.: 23515

ICP ID Number: 61 Date: 01/01/95

| Analyte | Integ. Time (sec.) | Concentration (ug/L) | M |
|---|---|---|---|
| Aluminum | 5.00 | 500000.0 | P |
| Antimony | 5.00 | 100000.0 | P |
| Arsenic | 5.00 | 100000.0 | P |
| Barium | 5.00 | 100000.0 | P |
| Beryllium | 5.00 | 100000.0 | P |
| Cadmium | 5.00 | 100000.0 | P |
| Calcium | 5.00 | 500000.0 | P |
| Chromium | 5.00 | 200000.0 | P |
| Cobalt | 5.00 | 100000.0 | P |
| Copper | 5.00 | 200000.0 | P |
| Iron | 5.00 | 200000.0 | P |
| Lead | 5.00 | 500000.0 | P |
| Magnesium | 5.00 | 500000.0 | P |
| Manganese | 5.00 | 100000.0 | P |
| Mercury | | | NR |
| Nickel | 5.00 | 100000.0 | P |
| Potassium | 5.00 | 500000.0 | P |
| Selenium | 5.00 | 100000.0 | P |
| Silver | 5.00 | 50000.0 | P |
| Sodium | 5.00 | 500000.0 | P |
| Thallium | 5.00 | 100000.0 | P |
| Vanadium | 5.00 | 100000.0 | P |
| Zinc | 5.00 | 100000.0 | P |

Comments:

NEI FORM 16 - (1/94)

NYTEST ENVIRONMENTAL INC.

PREPARATION LOG

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.:23515 QC Report No.:23515

Method: P

| Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|---|---|---|---|
| BBFB03 | 04/10/95 | | 100 |
| BBRB03 | 04/10/95 | | 100 |
| BBSS10 | 04/10/95 | 1.04 | 100 |
| BBSS10D | 04/10/95 | 1.15 | 100 |
| BBSS10S | 04/10/95 | 1.08 | 100 |
| BBSS11 | 04/10/95 | 1.04 | 100 |
| BBSS12 | 04/10/95 | 1.10 | 100 |
| BBSS13 | 04/10/95 | 1.09 | 100 |
| BBSS14 | 04/10/95 | 1.15 | 100 |
| BBSS15 | 04/10/95 | 1.05 | 100 |
| BBSS16 | 04/10/95 | 1.12 | 100 |
| BBSS17 | 04/10/95 | 1.18 | 100 |
| BBSS18 | 04/10/95 | 1.05 | 100 |
| BBSS19 | 04/10/95 | 1.02 | 100 |
| BBSS20 | 04/10/95 | 1.00 | 100 |
| BBSS21 | 04/10/95 | 1.02 | 100 |
| BBSS22 | 04/10/95 | 1.16 | 100 |
| LCSS | 04/10/95 | 1.00 | 100 |
| LCSW | 04/10/95 | | 100 |
| PBS | 04/10/95 | 1.00 | 100 |
| PBW | 04/10/95 | | 100 |

NEI FORM 17 - (1/94)

NYTEST ENVIRONMENTAL INC.

PREPARATION LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.:23515_ QC Report No.:_23515__

Method: F_

| Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|---|---|---|---|
| BBFB03 | 04/10/95 | | 100 |
| BBRB03 | 04/10/95 | | 100 |
| BBSS10 | 04/10/95 | 1.02 | 100 |
| BBSS10D | 04/10/95 | 1.19 | 100 |
| BBSS10S | 04/10/95 | 1.03 | 100 |
| BBSS11 | 04/10/95 | 1.04 | 100 |
| BBSS12 | 04/10/95 | 1.01 | 100 |
| BBSS13 | 04/10/95 | 1.03 | 100 |
| BBSS14 | 04/10/95 | 1.01 | 100 |
| BBSS15 | 04/10/95 | 1.09 | 100 |
| BBSS16 | 04/10/95 | 1.07 | 100 |
| BBSS17 | 04/10/95 | 1.05 | 100 |
| BBSS18 | 04/10/95 | 1.03 | 100 |
| BBSS19 | 04/10/95 | 1.06 | 100 |
| BBSS20 | 04/10/95 | 1.07 | 100 |
| BBSS21 | 04/10/95 | 1.07 | 100 |
| BBSS22 | 04/10/95 | 1.08 | 100 |
| LCSS | 04/10/95 | 1.00 | 100 |
| LCSW | 04/10/95 | | 100 |
| PBS | 04/10/95 | 1.00 | 100 |
| PBW | 04/10/95 | | 100 |

NEI FORM 17 - (1/94)

NYTEST ENVIRONMENTAL INC.

PREPARATION LOG

Lab Name: NYTEST_ENV_INC. Contract: 9521613

Lab Code: NYTEST Login No.:23515 QC Report No.:23515

Method: CV

| Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|---|---|---|---|
| BBFB03 | 04/11/95 | | 100 |
| BBRB03 | 04/11/95 | | 100 |
| BBSS10 | 04/11/95 | 0.20 | 100 |
| BBSS10D | 04/11/95 | 0.20 | 100 |
| BBSS10S | 04/11/95 | 0.20 | 100 |
| BBSS11 | 04/11/95 | 0.20 | 100 |
| BBSS12 | 04/11/95 | 0.20 | 100 |
| BBSS13 | 04/11/95 | 0.20 | 100 |
| BBSS14 | 04/11/95 | 0.20 | 100 |
| BBSS15 | 04/11/95 | 0.20 | 100 |
| BBSS16 | 04/11/95 | 0.20 | 100 |
| BBSS17 | 04/11/95 | 0.20 | 100 |
| BBSS18 | 04/11/95 | 0.20 | 100 |
| BBSS19 | 04/11/95 | 0.20 | 100 |
| BBSS20 | 04/11/95 | 0.20 | 100 |
| BBSS21 | 04/11/95 | 0.20 | 100 |
| BBSS22 | 04/11/95 | 0.20 | 100 |
| LCSS | 04/11/95 | 0.20 | 100 |
| PBS | 04/11/95 | 0.20 | 100 |
| PBW | 04/11/95 | | 100 |

NEI FORM 17 - (1/94)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515__

Instrument ID Number: 61_____ Method: P_

Start Date: 04/13/95 End Date: 04/13/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| S0 | 1.00 | 1013 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| S1 | 1.00 | 1016 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| S2 | 1.00 | 1020 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| S3 | 1.00 | 1022 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ZZZZZZ | 1.00 | 1024 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICV | 1.00 | 1029 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| ICB | 1.00 | 1032 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| CRII | 1.00 | 1056 | | | X | _ | | X | X | | X | X | X | | X | | X | _ | X | | _ | X | | _ | X | X | _ |
| ICSAI | 1.00 | 1101 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| ICSABI | 1.00 | 1104 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| ZZZZZZ | 1.00 | 1106 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1109 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1114 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| CCB | 1.00 | 1116 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| ZZZZZZ | 1.00 | 1119 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1122 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PBW | 1.00 | 1125 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| LCSW | 1.00 | 1128 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| ZZZZZZ | 1.00 | 1133 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1136 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1207 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1210 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1213 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1216 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1218 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| CCB | 1.00 | 1220 | | X | X | _ | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | X | X | _ | X | X | _ |
| ZZZZZZ | 1.00 | 1224 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1231 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1234 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1237 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1241 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1244 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 61

Method: P

Start Date: 04/13/95

End Date: 04/13/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| ZZZZZZ | 1.00 | 1247 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1259 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1303 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1305 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CRIF | 1.00 | 1313 | | | X | - | | X | X | | X | X | X | | X | | X | - | X | | - | X | | - | X | X | - |
| ICSAF | 1.00 | 1316 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ICSABF | 1.00 | 1318 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCV | 1.00 | 1322 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1325 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCV | 1.00 | 1431 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1434 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ZZZZZZ | 1.00 | 1443 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1445 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1451 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1459 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1504 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1507 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1510 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1513 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1517 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1520 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1522 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1524 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| PBS | 1.00 | 1527 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| LCSS | 1.00 | 1530 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBFB03 | 1.00 | 1534 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBRB03 | 1.00 | 1539 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS10 | 1.00 | 1542 | | X | X | - | X | X | X | X | X | X | X | - | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS10D | 1.00 | 1545 | | X | X | - | X | X | X | X | X | X | X | - | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS10S | 1.00 | 1549 | | | X | - | X | X | X | | X | X | X | - | X | | X | - | X | | - | X | | - | X | X | - |
| BBSS10L | 5.00 | 1556 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS10A | 1.00 | 1558 | | | X | - | X | | | | | | X | | | | | - | X | | - | | | - | | X | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515__

Instrument ID Number: 61_____ Method: P_

Start Date: 04/13/95 End Date: 04/13/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN |
| CCSS10 | 4.00 | 1602 | | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1604 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| CCB | 1.00 | 1607 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| BBSS10D | 4.00 | 1613 | | | | | | | | | | | | X | | | | | | | | | | | | |
| BBSS11 | 1.00 | 1616 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | - |
| BBSS11 | 5.00 | 1620 | | | | | | | | | | | | X | | | | | | | | | | | | X |
| ZZZZZZ | 1.00 | 1622 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS12 | 1.00 | 1624 | | X | X | - | X | X | X | X | X | X | X | - | X | X | X | - | X | X | - | X | X | - | X | X |
| BBSS12 | 5.00 | 1627 | | | | | | | | | | | | X | | | | | | | | | | | | |
| BBSS13 | 1.00 | 1629 | | X | X | - | X | X | X | X | X | X | X | - | X | X | X | - | X | X | - | X | X | - | X | - |
| BBSS13 | 4.00 | 1634 | | | | | | | | | | | | X | | | | | | | | | | | | X |
| BBSS14 | 1.00 | 1636 | | X | X | - | X | X | X | X | X | X | X | - | X | X | X | - | X | X | - | X | X | - | X | X |
| BBSS14 | 20.00 | 1640 | | | | | | | | | | | | X | | | | | | | | | | | | |
| CCV | 1.00 | 1642 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| CCB | 1.00 | 1646 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| CRIF | 1.00 | 1708 | | | X | - | | X | X | | X | X | X | | X | | X | - | X | | - | X | | - | X | X |
| ICSAF | 1.00 | 1716 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| ICSABF | 1.00 | 1718 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| ZZZZZZ | 1.00 | 1721 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1723 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1725 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| CCB | 1.00 | 1727 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 61

Method: P

Start Date: 04/15/95

End Date: 04/15/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| S0 | 1.00 | 0901 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | - | X | X | X | X | X | X | X | X | - |
| S1 | 1.00 | 0907 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | - | X | X | X | X | X | X | X | X | - |
| S2 | 1.00 | 0909 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | - | X | X | X | X | X | X | X | X | - |
| S3 | 1.00 | 0911 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | - | X | X | X | X | X | X | X | X | - |
| ZZZZZZ | 1.00 | 0913 | | | | | | | | | | | | | | | | - | | | | | | | | | - |
| ICV | 1.00 | 0916 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ICB | 1.00 | 0920 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CRII | 1.00 | 0925 | | | X | - | | X | X | | X | X | X | | X | | X | - | X | | - | X | | - | X | X | - |
| ICSAI | 1.00 | 0934 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ICSABI | 1.00 | 0942 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ZZZZZZ | 1.00 | 0945 | | | | | | | | | | | | | | | | - | | | - | | | - | | | - |
| ZZZZZZ | 1.00 | 0947 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 0949 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 0952 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ZZZZZZ | 1.00 | 0956 | | | | | | | | | | | | | | | | - | | | - | | | - | | | - |
| ZZZZZZ | 1.00 | 1000 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1042 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1045 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1048 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1057 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1100 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1102 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1104 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1108 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1110 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1112 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ZZZZZZ | 1.00 | 1115 | | | | | | | | | | | | | | | | - | | | - | | | - | | | - |
| ZZZZZZ | 1.00 | 1117 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1122 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1125 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1138 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

24

NEI FORM 15 - (9/93)

000056

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 61

Method: P

Start Date: 04/15/95

End Date: 04/15/95

| EPA Sample No. | D/F | Time | % R | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZZZZZZ | 1.00 | 1144 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1148 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1153 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1157 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1158 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1159 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| ZZZZZZ | 1.00 | 1204 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1214 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1216 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1218 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1220 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1223 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1225 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1227 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS15 | 1.00 | 1230 | | X | X | - | X | X | X | X | X | X | X | - | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS15 | 10.00 | 1233 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| CCV | 1.00 | 1235 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1237 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS16 | 1.00 | 1312 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS16 | 10.00 | 1316 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| BBSS17 | 1.00 | 1318 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS17 | 10.00 | 1323 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| BBSS18 | 1.00 | 1326 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS18 | 10.00 | 1335 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| BBSS19 | 1.00 | 1337 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS19 | 10.00 | 1339 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| BBSS20 | 1.00 | 1342 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS20 | 10.00 | 1344 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| CCV | 1.00 | 1346 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| CCB | 1.00 | 1349 | | X | X | - | X | X | X | X | X | X | X | X | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS21 | 1.00 | 1354 | | X | X | - | X | X | X | X | X | X | X | | X | X | X | - | X | X | - | X | X | - | X | X | - |
| BBSS21 | 1.00 | 1357 | | | | - | | | | | | | | X | | | | - | | | - | | | - | | | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 61

Method: P

Start Date: 04/15/95

End Date: 04/15/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| BBSS22 | 1.00 | 1359 | | X̄ | X̄ | – | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | – | X̄ | X̄ | X̄ | – | X̄ | X̄ | – | X̄ | X̄ | – | X̄ | – | – | |
| BBSS22 | 10.00 | 1401 | | | | – | | | | | | | | X̄ | | | | – | | | – | | | – | | X̄ | – | |
| CRIF | 1.00 | 1403 | | – | X̄ | – | – | X̄ | X̄ | – | X̄ | X̄ | X̄ | | X̄ | – | X̄ | – | X̄ | – | – | X̄ | – | – | X̄ | X̄ | – | |
| ICSAF | 1.00 | 1414 | | X̄ | X̄ | – | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | – | X̄ | X̄ | – | X̄ | X̄ | – | X̄ | X̄ | – | |
| ICSABF | 1.00 | 1418 | | X | X | – | X | X | X | X | X | X | X | X | X | X | X | – | X | X | – | X | X | – | X | X | – | |
| ZZZZZZ | 1.00 | 1424 | | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | |
| ZZZZZZ | 1.00 | 1429 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1432 | | X̄ | X̄ | – | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | X̄ | – | X̄ | X̄ | – | X̄ | X̄ | – | X̄ | X̄ | – | |
| CCB | 1.00 | 1434 | | X | X | – | X | X | X | X | X | X | X | X | X | X | X | – | X | X | – | X | X | – | X | X | – | |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515__

Instrument ID Number: 3030_____ Method: F_

Start Date: 04/11/95 End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| S0 | 1.00 | 0700 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S100 | 1.00 | 0705 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S50 | 1.00 | 0710 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S25 | 1.00 | 0715 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S10 | 1.00 | 0720 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ICV | 1.00 | 0725 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ICB | 1.00 | 0730 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CRA | 1.00 | 0735 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 0740 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 0745 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 1.00 | 0750 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 2.00 | 0755 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 2.00 | 0800 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 2.00 | 0805 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 1.00 | 0810 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 1.00 | 0815 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 1.00 | 0820 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 1.00 | 0825 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 2.00 | 0830 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 1.00 | 0835 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 1.00 | 0840 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 1.00 | 0845 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 2.00 | 0850 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 2.00 | 0855 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 2.00 | 0900 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 2.00 | 0905 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 1.00 | 0910 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 2.00 | 0915 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 2.00 | 0920 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 2.00 | 0925 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 0930 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 0935 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
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NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515__

Instrument ID Number: 3030_____ Method: F_

Start Date: 04/11/95 End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| ZZZZZZ0_ | 1.00 | 0940 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1_ | 1.00 | 0945 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2_ | 1.00 | 0950 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3_ | 1.00 | 0955 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0_ | 1.00 | 1000 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1_ | 1.00 | 1005 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2_ | 1.00 | 1010 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3_ | 1.00 | 1015 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV_____ | 1.00 | 1020 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB_____ | 1.00 | 1025 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PBS_____ | 1.00 | 1030 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PBSA____ | 1.00 | 1035 | 106.5 | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LCSS____ | 80.00 | 1040 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LCSSA___ | 80.00 | 1045 | 90.5 | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ__ | 1.00 | 1050 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA_ | 1.00 | 1055 | 0.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ__ | 10.00 | 1100 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA_ | 10.00 | 1105 | 75.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV_____ | 1.00 | 1110 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB_____ | 1.00 | 1115 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0_ | 10.00 | 1120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1_ | 10.00 | 1125 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2_ | 10.00 | 1130 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3_ | 10.00 | 1135 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0_ | 10.00 | 1140 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1_ | 10.00 | 1145 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2_ | 10.00 | 1150 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3_ | 10.00 | 1155 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0_ | 10.00 | 1200 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1_ | 10.00 | 1205 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2_ | 10.00 | 1210 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3_ | 10.00 | 1215 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| ZZZZZZ0 | 1.00 | 1220 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 10.00 | 1225 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 10.00 | 1230 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 10.00 | 1235 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1240 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1245 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 10.00 | 1250 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 10.00 | 1255 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 10.00 | 1300 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 10.00 | 1305 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 10.00 | 1310 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 10.00 | 1315 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 10.00 | 1320 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 10.00 | 1325 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ0 | 1.00 | 1330 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ1 | 10.00 | 1335 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ2 | 10.00 | 1340 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ3 | 10.00 | 1345 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1350 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1355 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PBW | 1.00 | 1400 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PBWA | 1.00 | 1405 | 110.0 | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LCSW | 2.00 | 1410 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LCSWA | 2.00 | 1415 | 95.5 | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBFB03 | 1.00 | 1420 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBFB03A | 1.00 | 1425 | 114.5 | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBRB03 | 1.00 | 1430 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10 | 1.00 | 1435 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10A | 1.00 | 1440 | 0.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1445 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1450 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10 | 4.00 | 1455 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| BBSS10A | 4.00 | 1500 | 88.5 | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10D | 1.00 | 1505 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10S | 1.00 | 1510 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS11 | 1.00 | 1515 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS12 | 1.00 | 1520 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS13 | 1.00 | 1525 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS14 | 1.00 | 1530 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS15 | 1.00 | 1535 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS16 | 1.00 | 1540 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1545 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1550 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS17 | 1.00 | 1555 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS18 | 1.00 | 1600 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS19 | 1.00 | 1605 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS20 | 1.00 | 1610 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS21 | 1.00 | 1615 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS22 | 1.00 | 1620 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1625 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1630 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1635 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1640 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1645 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1650 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10D | 4.00 | 1655 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10S | 4.00 | 1700 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS11 | 10.00 | 1705 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS12 | 4.00 | 1710 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS13 | 8.00 | 1715 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS14 | 2.00 | 1720 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS15 | 4.00 | 1725 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS16 | 4.00 | 1730 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS17 | 8.00 | 1735 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515__

Instrument ID Number: 3030_____ Method: F_

Start Date: 04/11/95 End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| BBSS18 | 8.00 | 1740 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1745 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1750 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS19 | 8.00 | 1755 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS20 | 4.00 | 1800 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS22 | 8.00 | 1805 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1810 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCB | 1.00 | 1815 | | - | - | X | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| S0 | 1.00 | 0800 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S100 | 1.00 | 0805 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| S50 | 1.00 | 0810 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| S25 | 1.00 | 0815 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| S10 | 1.00 | 0820 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| S5 | 1.00 | 0825 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| ICV | 1.00 | 0830 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| ICB | 1.00 | 0835 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CRA | 1.00 | 0840 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCV | 1.00 | 0845 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCB | 1.00 | 0850 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| PBS | 1.00 | 0855 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| PBSA | 1.00 | 0900 | 111.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| LCSS | 40.00 | 0905 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| LCSSA | 40.00 | 0910 | 109.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 0915 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 1.00 | 0920 | -1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 10.00 | 0925 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 10.00 | 0930 | 96.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 10.00 | 0935 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 10.00 | 0940 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 0945 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCB | 1.00 | 0950 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| ZZZZZZ | 10.00 | 0955 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1000 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCB | 1.00 | 1005 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| PBW | 1.00 | 1010 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| PBWA | 1.00 | 1015 | 111.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| LCSW | 2.00 | 1020 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| LCSWA | 2.00 | 1025 | 104.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBFB03 | 1.00 | 1030 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBFB03A | 1.00 | 1035 | 115.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/11/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| BBRB03 | 1.00 | 1040 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BBSS10 | 1.00 | 1045 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS10A | 1.00 | 1050 | 94.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCV | 1.00 | 1055 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCB | 1.00 | 1100 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS10D | 1.00 | 1105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS10S | 1.00 | 1110 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS11 | 1.00 | 1115 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS12 | 1.00 | 1120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS13 | 1.00 | 1125 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS14 | 1.00 | 1130 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS15 | 1.00 | 1135 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS16 | 1.00 | 1140 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS17 | 1.00 | 1145 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS18 | 1.00 | 1150 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCV | 1.00 | 1155 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCB | 1.00 | 1200 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS19 | 1.00 | 1205 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS20 | 1.00 | 1210 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS21 | 1.00 | 1215 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS22 | 1.00 | 1220 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| BBSS15 | 2.00 | 1225 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCV | 1.00 | 1230 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| CCB | 1.00 | 1235 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| S0 | 1.00 | 1500 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S100 | 1.00 | 1505 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| S50 | 1.00 | 1510 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| S25 | 1.00 | 1515 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| S10 | 1.00 | 1520 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| ICV | 1.00 | 1525 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| ICB | 1.00 | 1530 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| CRA | 1.00 | 1535 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| CCV | 1.00 | 1540 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| CCB | 1.00 | 1545 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| ZZZZZZ | 1.00 | 1550 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| ZZZZZZA | 1.00 | 1555 | 96.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1600 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 1.00 | 1605 | 98.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 4.00 | 1610 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 4.00 | 1615 | 96.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1620 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| CCB | 1.00 | 1625 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| ZZZZZZ | 1.00 | 1630 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 1.00 | 1635 | 108.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 2.00 | 1640 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 2.00 | 1645 | 95.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1650 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 1.00 | 1655 | 94.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1700 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1705 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1710 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1715 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1720 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| CCB | 1.00 | 1725 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - |
| ZZZZZZ | 1.00 | 1730 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1735 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| ZZZZZZ | 1.00 | 1740 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1745 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1750 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1755 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 1.00 | 1800 | 103.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 4.00 | 1805 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 4.00 | 1810 | 89.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1815 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| CCB | 1.00 | 1820 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| ZZZZZZ | 1.00 | 1825 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZA | 1.00 | 1830 | 112.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1835 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1840 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1845 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1850 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1855 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1900 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1905 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1910 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1915 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| CCB | 1.00 | 1920 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| ZZZZZZ | 1.00 | 1925 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1930 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1935 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1940 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1945 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1950 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1955 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2000 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2005 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2010 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 2015 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| CCB | 1.00 | 2020 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| ZZZZZZ | 1.00 | 2025 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2030 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2035 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2040 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZA | 1.00 | 2045 | 110.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2050 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CCV | 1.00 | 2055 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCB | 1.00 | 2100 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| ZZZZZZ | 1.00 | 2105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2110 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| PBW | 1.00 | 2115 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| PBWA | 1.00 | 2120 | 103.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| LCSW | 2.00 | 2125 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| LCSWA | 2.00 | 2130 | 98.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| ZZZZZZ | 1.00 | 2135 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZA | 1.00 | 2140 | 107.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBFB03 | 1.00 | 2145 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| BBRB03 | 1.00 | 2150 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCV | 1.00 | 2155 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCB | 1.00 | 2200 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| ZZZZZZ | 1.00 | 2205 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2210 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZA | 1.00 | 2215 | 102.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 10.00 | 2220 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZA | 10.00 | 2225 | 84.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2230 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZA | 1.00 | 2235 | 98.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2240 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2245 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 2250 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CCV | 1.00 | 2255 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 3030

Method: F

Start Date: 04/11/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| CCB | 1.00 | 2300 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2305 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| ZZZZZZ | 1.00 | 2310 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2315 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2320 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2325 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2330 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2335 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2340 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2345 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 2350 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 2355 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| CCB | 1.00 | 0000 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| ZZZZZZ | 1.00 | 0005 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PBS | 1.00 | 0010 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| PBSA | 1.00 | 0015 | 104.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| LCSS | 10.00 | 0020 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| LCSSA | 10.00 | 0025 | 88.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS10 | 1.00 | 0030 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS10A | 1.00 | 0035 | 106.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS10D | 1.00 | 0040 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS10S | 1.00 | 0045 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS11 | 1.00 | 0050 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| CCV | 1.00 | 0055 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| CCB | 1.00 | 0100 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS12 | 1.00 | 0105 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS13 | 1.00 | 0110 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS14 | 1.00 | 0115 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS15 | 1.00 | 0120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS16 | 1.00 | 0125 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS17 | 1.00 | 0130 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |
| BBSS18 | 1.00 | 0135 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC._____ Contract: 9521613___

Lab Code: NYTEST Login No.: 23515_ QC Report No.:23515__

Instrument ID Number: 3030_____ Method: F_

Start Date: 04/11/95 End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| BBSS19 | 1.00 | 0140 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| BBSS20 | 1.00 | 0145 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| BBSS21 | 1.00 | 0150 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCV | 1.00 | 0155 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCB | 1.00 | 0200 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| BBSS22 | 1.00 | 0205 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCV | 1.00 | 0210 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |
| CCB | 1.00 | 0215 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 100

Method: CV

Start Date: 04/12/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| S0.0 | 1.00 | 1049 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| S0.5 | 1.00 | 1052 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| S1.0 | 1.00 | 1054 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| S2.0 | 1.00 | 1056 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| S5.0 | 1.00 | 1059 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| S10.0 | 1.00 | 1101 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ICV | 1.00 | 1104 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ICB | 1.00 | 1107 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| CCV | 1.00 | 1109 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| CCB | 1.00 | 1111 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1114 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1116 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1118 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1120 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1123 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1125 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1127 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS10 | 1.00 | 1129 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS10D | 1.00 | 1132 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1136 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CCV | 1.00 | 1139 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| CCB | 1.00 | 1141 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS10D | 1.00 | 1143 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS10S | 1.00 | 1146 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS10 | 6.00 | 1149 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS10D | 6.00 | 1151 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1154 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS10S | 6.00 | 1158 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS11 | 1.00 | 1200 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS12 | 1.00 | 1203 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS11 | 4.00 | 1205 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS13 | 1.00 | 1208 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 100

Method: CV

Start Date: 04/12/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | | |
| CCV | 1.00 | 1210 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| CCB | 1.00 | 1213 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS14 | 1.00 | 1215 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| BBSS14 | 6.00 | 1218 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS15 | 1.00 | 1220 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| BBSS16 | 1.00 | 1223 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS17 | 1.00 | 1225 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS15 | 5.00 | 1228 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1230 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| BBSS17 | 5.00 | 1233 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS18 | 1.00 | 1235 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS19 | 1.00 | 1237 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| CCV | 1.00 | 1240 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| CCB | 1.00 | 1242 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS19 | 2.00 | 1245 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS20 | 1.00 | 1247 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS21 | 1.00 | 1249 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| BBSS22 | 1.00 | 1252 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 5.00 | 1254 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1257 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BBSS16 | 5.00 | 1259 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1302 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1304 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1306 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CCV | 1.00 | 1310 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| CCB | 1.00 | 1312 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1314 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1319 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1321 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1323 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1326 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| ZZZZZZ | 1.00 | 1328 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

NEI FORM 15 - (9/93)

NYTEST ENVIRONMENTAL INC.

ANALYSIS RUN LOG

Lab Name: NYTEST_ENV_INC.

Contract: 9521613

Lab Code: NYTEST Login No.: 23515

QC Report No.:23515

Instrument ID Number: 100

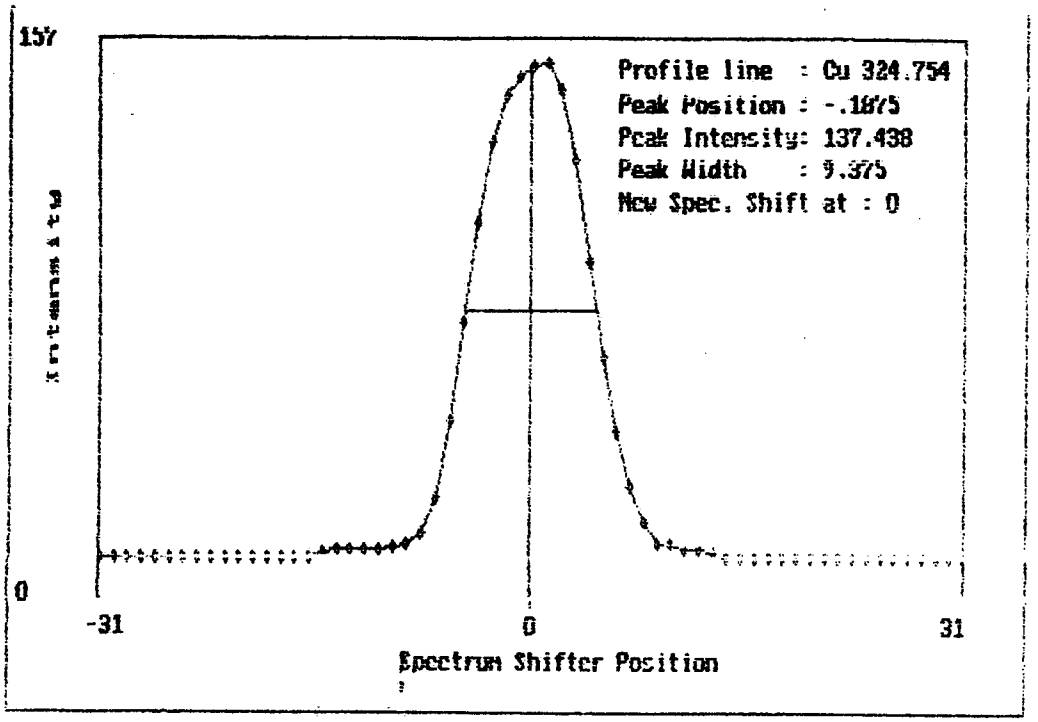
Method: CV

Start Date: 04/12/95

End Date: 04/12/95

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| ZZZZZZ | 1.00 | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1332 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1335 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1337 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1339 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1342 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.00 | 1344 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1347 | | | | | | | | | | | | | | | | | | | | | | | | | |
| LCSS | 1.00 | 1349 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| PBS | 1.00 | 1351 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| PBW | 1.00 | 1354 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1356 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| BBFB03 | 1.00 | 1358 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| BBRB03 | 1.00 | 1400 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.00 | 1403 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1405 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1407 | | | | | | | | | | | | | | | | X | | | | | | | | | |

NEI FORM 15 - (9/93)


157
0
-31
0
31
Spectrum Shifter Position
Profile line : Cu 324.754
Peak Position : -.1875
Peak Intensity: 137.438
Peak Width : 9.375
New Spec. Shift at : 0

Method: SW846-R Standard: 50

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .00240 | -.00030 | -.00120 | .00000 | .00040 | .00030 | .00040 |
| SDev | .00000 | .00071 | .00028 | .00000 | .00000 | .00042 | .00000 |
| %RSD | .00000 | 235.70 | 23.570 | .00000 | .00000 | 141.42 | .00000 |
| #1 | .00240 | -.00080 | -.00140 | .00000 | .00040 | .00000 | .00040 |
| #2 | .00240 | .00020 | -.00100 | .00000 | .00040 | .00060 | .00040 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | -.00020 | .00000 | .00070 | .00170 | -.00040 | .00030 | .00020 |
| SDev | .00028 | .00000 | .00014 | .00071 | .00000 | .00042 | .00028 |
| %RSD | 141.42 | .00000 | 20.203 | 41.595 | .00000 | 141.42 | 141.42 |
| #1 | -.00040 | .00000 | .00060 | .00220 | -.00040 | .00000 | .00040 |
| #2 | .00000 | .00000 | .00080 | .00120 | -.00040 | .00060 | .00000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Avge | .00060 | .00200 | .00460 | .00000 | .01420 | .00000 | .00010 |
| SDev | .00170 | .00396 | .00198 | .00000 | .00085 | .00057 | .00014 |
| %RSD | 282.84 | 197.99 | 43.041 | .00000 | 5.9755 | .00000 | 141.42 |
| #1 | -.00060 | -.00080 | .00600 | .00000 | .01480 | -.00040 | .00000 |
| #2 | .00180 | .00480 | .00320 | .00000 | .01360 | .00040 | .00020 |

| Elem | ZN | MnP0P0 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .00180 | .00050 | .00020 | .00020 | .00330 | .00090 |
| SDev | .00028 | .00014 | .00028 | .00028 | .00014 | .00014 |
| %RSD | 15.713 | 28.284 | 141.42 | 141.42 | 4.2855 | 15.713 |
| #1 | .00200 | .00060 | .00040 | .00000 | .00340 | .00100 |
| #2 | .00160 | .00040 | .00000 | .00040 | .00320 | .00080 |

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Method: SW846-R Standard: 51

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .07440 | .03970 | .38770 | .07460 | .13150 | .11960 | 1.1569 |
| SDev | .00198 | .00042 | .00665 | .00028 | .00042 | .00113 | .0086 |
| %RSD | 2.6612 | 1.0587 | 1.7144 | .37915 | .32263 | .94596 | .74567 |
| #1 | .07300 | .04000 | .38300 | .07480 | .13120 | .11380 | 1.1508 |
| #2 | .07580 | .03940 | .39240 | .07440 | .13180 | .12040 | 1.1630 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .19410 | .15180 | .09910 | .93360 | .11160 | .06290 | .37520 |
| SDev | .00099 | .00028 | .00014 | .00368 | .00198 | .00042 | .00085 |
| %RSD | .51002 | .18632 | .14271 | .39385 | 1.7741 | .67450 | .22616 |
| #1 | .19340 | .15200 | .09920 | .93100 | .11020 | .06260 | .37460 |
| #2 | .19480 | .15160 | .09900 | .93620 | .11300 | .06320 | .37580 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Avge | .12090 | .19580 | .15200 | .03800 | .53430 | .04720 | .25020 |
| SDev | .00127 | .00057 | .00226 | .00000 | .00212 | .00028 | .00085 |
| %RSD | 1.0528 | .28891 | 1.4887 | .00000 | .39702 | .59925 | .33915 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| #1 | .12180 | .19620 | .15040 | .03800 | .53580 | .04740 | .24960 |
| #2 | .12000 | .19540 | .15360 | .03800 | .53280 | .04700 | .25080 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .19520 | .13050 | .05110 | .50330 | .05120 | .04600 |
| SDev | .00255 | .00071 | .00042 | .00071 | .00000 | .00170 |
| %RSD | 1.3041 | .54185 | .83026 | .14049 | .00000 | 3.6893 |
| #1 | .19340 | .13000 | .05080 | .50280 | .05120 | .04720 |
| #2 | .19700 | .13100 | .05140 | .50380 | .05120 | .04480 |

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Method: SW846-R Standard: S2

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .14260 | .08050 | .77160 | .14630 | .25920 | .23480 | 2.2622 |
| SDev | .00226 | .00269 | .00905 | .00127 | .00226 | .00170 | .0110 |
| %RSD | 1.5868 | 3.3379 | 1.1730 | .86999 | .87297 | .72277 | .48762 |
| #1 | .14100 | .07860 | .76520 | .14540 | .25760 | .23360 | 2.2544 |
| #2 | .14420 | .08240 | .77800 | .14720 | .26080 | .23600 | 2.2700 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .37910 | .29420 | .19450 | 1.8101 | .21950 | .12200 | .73160 |
| SDev | .00184 | .00226 | .00184 | .0140 | .00071 | .00057 | .00594 |
| %RSD | .48496 | .76912 | .94523 | .77348 | .32214 | .46368 | .81188 |
| #1 | .37780 | .29260 | .19320 | 1.8002 | .21900 | .12160 | .72740 |
| #2 | .38040 | .29580 | .19580 | 1.8200 | .22000 | .12240 | .73580 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Avge | .23620 | 38440 | .30240 | .07520 | 1.0415 | .09720 | .49110 |
| SDev | .00651 | .00481 | .00707 | .00057 | .0117 | .00311 | .00212 |
| %RSD | 2.7542 | 1.2509 | 2.3383 | .75224 | 1.1058 | 3.2009 | .43195 |
| #1 | .23160 | .38100 | .29740 | .07480 | 1.0522 | .09500 | .48960 |
| #2 | .24080 | .38780 | .30740 | .07560 | 1.0498 | .09940 | .49260 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .37970 | .25440 | .09960 | .99070 | .09810 | .09180 |
| SDev | .00071 | .00566 | .00113 | .00891 | .00184 | .00198 |
| %RSD | .18623 | 2.2236 | 1.1359 | .89932 | 1.8741 | 2.1567 |
| #1 | .38020 | .25040 | .09880 | .98440 | .09680 | .09040 |
| #2 | .37920 | .25840 | .10040 | .99700 | .09940 | .09320 |

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Method: SW846-R Standard: S3

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .28300 | .15840 | 1.5128 | .28400 | .51470 | .46500 | 4.4355 |
| SDev | .00283 | .00113 | .0198 | .00170 | .00410 | .00453 | .0406 |
| %RSD | .99945 | .71425 | 1.3088 | .59756 | .79682 | .97322 | .91507 |
| #1 | .28100 | .15760 | 1.4988 | .28280 | .51180 | .46180 | 4.4068 |
| #2 | .28500 | .15920 | 1.5268 | .28520 | .51760 | .46820 | 4.4642 |

| Elem | CR | CD | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .73840 | .57270 | .38270 | 3.5141 | .42690 | .24080 | 1.4234 |
| SDev | .00679 | .00438 | .00212 | .0259 | .00467 | .00226 | .0122 |
| %RSD | .91931 | .76551 | .55431 | .73646 | 1.0932 | .93968 | .85445 |
| #1 | .73360 | .56960 | .38120 | 3.4958 | .42360 | .23920 | 1.4148 |
| #2 | .74320 | .57580 | .38420 | 3.5324 | .43020 | .24240 | 1.4320 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Avge | .46240 | .75530 | .60980 | .14670 | 2.0506 | .18290 | .95740 |
| SDev | .00481 | .00240 | .01047 | .00099 | .0037 | .00184 | .00735 |
| %RSD | 1.0399 | .31831 | 1.7162 | .67482 | .17931 | 1.0052 | .76811 |
| #1 | .45900 | .75360 | .60240 | .14600 | 2.0480 | .18160 | .95220 |
| #2 | .46580 | .75700 | .61720 | .14740 | 2.0532 | .18420 | .96260 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .74390 | .49930 | .19610 | 1.9411 | .19280 | .18310 |
| SDev | .00551 | .00636 | .00099 | .0174 | .00226 | .00410 |
| %RSD | .74142 | 1.2746 | .50482 | .89613 | 1.1736 | 2.2399 |
| #1 | .74000 | .49480 | .19540 | 1.9288 | .19120 | .18020 |
| #2 | .74780 | .50380 | .19680 | 1.9534 | .19440 | .18600 |

Method: SW846-R Slope = Conc(STR)/IR

| Element | Wavelen | High std | Low std | Slope | Y-intercept | Date Standardized |
|---|---|---|---|---|---|---|
| AL | 308.215 | Multiple | Standards | 21.6690 | -.052173 | 04/13/95 10:22:13 |
| SB | 206.838 | Multiple | Standards | 62.6542 | .018749 | 04/13/95 10:22:13 |
| AS | 193.696 | Multiple | Standards | 13.0356 | .015165 | 04/13/95 10:22:13 |
| BA | 493.409 | Multiple | Standards | 20.5736 | -.000271 | 04/13/95 10:22:13 |
| BE | 313.042 | Multiple | Standards | 3.87352 | -.001587 | 04/13/95 10:22:13 |
| CD | 228.802 | Multiple | Standards | 12.7534 | -.003980 | 04/13/95 10:22:13 |
| CA | 317.933 | Multiple | Standards | 11.0429 | -.006404 | 04/13/95 10:22:13 |
| CR | 267.716 | Multiple | Standards | 7.84870 | .001288 | 04/13/95 10:22:13 |
| CO | 228.616 | Multiple | Standards | 10.1840 | -.000332 | 04/13/95 10:22:13 |
| CU | 324.754 | Multiple | Standards | 15.4756 | -.011001 | 04/13/95 10:22:13 |
| FE | 259.940 | Multiple | Standards | 4.90889 | -.013140 | 04/13/95 10:22:13 |
| PB | 220.353 | Multiple | Standards | 45.7160 | .017422 | 04/13/95 10:22:13 |
| MG | 279.079 | Multiple | Standards | 61.2885 | -.018980 | 04/13/95 10:22:13 |
| MN | 257.610 | Multiple | Standards | 2.98425 | -.000810 | 04/13/95 10:22:13 |
| NI | 231.604 | Multiple | Standards | 12.7007 | -.007852 | 04/13/95 10:22:13 |
| K | 766.491 | Multiple | Standards | 523.296 | -1.05724 | 04/13/95 10:22:13 |
| SE | 196.026 | Multiple | Standards | 16.7103 | -.076630 | 04/13/95 10:22:13 |
| AG | 328.068 | Multiple | Standards | 39.9535 | -.000189 | 04/13/95 10:22:13 |
| NA | 588.995 | Multiple | Standards | 26.5651 | -.378117 | 04/13/95 10:22:13 |
| TL | 190.864 | Multiple | Standards | 107.095 | -.000400 | 04/13/95 10:22:13 |
| V | 292.402 | Multiple | Standards | 6.13228 | -.000856 | 04/13/95 10:22:13 |
| ZN | 213.856 | Multiple | Standards | 7.92391 | -.014500 | 04/13/95 10:22:13 |
| Mo2020 | 202.030 | Multiple | Standards | 11.7920 | -.006134 | 04/13/95 10:22:13 |
| B_2496 | 249.678 | Multiple | Standards | 50.2138 | -.010414 | 04/13/95 10:22:13 |
| Ti3349 | 334.941 | Multiple | Standards | 10.1079 | -.002688 | 04/13/95 10:22:13 |
| Si2881 | 288.158 | Multiple | Standards | [illegible] | -.082698 | 04/13/95 10:22:13 |
| Sn1899 | 189.989 | Multiple | Standards | 27.43[illegible] | -.024688 | 04/13/95 10:22:13 |

| Element | Wavelen | High std | low std | Slope | Y-intercept | Date Standardized |
|---|---|---|---|---|---|---|

Method: SWA46-R Slope = Conc(SIR)/IR

| Element | Wavelen | High std | Low std | Slope | Y-intercept | Date Standardized |
|---|---|---|---|---|---|---|
| AL | 308.215 | Multiple | Standards | 21.6690 | -.052173 | 04/13/95 10:22:13 |
| SB | 206.838 | Multiple | Standards | 42.6542 | .018749 | 04/13/95 10:22:13 |
| AS | 193.696 | Multiple | Standards | 13.0356 | .015165 | 04/13/95 10:22:13 |
| BA | 493.409 | Multiple | Standards | 20.5736 | -.000271 | 04/13/95 10:22:13 |
| BE | 313.042 | Multiple | Standards | 3.87352 | -.001587 | 04/13/95 10:22:13 |
| CD | 228.802 | Multiple | Standards | 12.7534 | -.003980 | 04/13/95 10:22:13 |
| CA | 317.933 | Multiple | Standards | 11.0429 | -.006404 | 04/13/95 10:22:13 |
| CR | 267.716 | Multiple | Standards | 7.84870 | .001288 | 04/13/95 10:22:13 |
| CO | 228.616 | Multiple | Standards | 10.1840 | -.000332 | 04/13/95 10:22:13 |
| CU | 324.754 | Multiple | Standards | 15.4756 | -.011001 | 04/13/95 10:22:13 |
| FE | 259.940 | Multiple | Standards | 6.90889 | -.013140 | 04/13/95 10:22:13 |
| PB | 220.353 | Multiple | Standards | 45.7160 | .017422 | 04/13/95 10:22:13 |
| MG | 279.079 | Multiple | Standards | 61.2885 | -.018980 | 04/13/95 10:22:13 |
| MN | 257.610 | Multiple | Standards | 2.98425 | -.000810 | 04/13/95 10:22:13 |
| NI | 231.604 | Multiple | Standards | 12.7007 | -.007852 | 04/13/95 10:22:13 |
| K | 766.491 | Multiple | Standards | 523.296 | -1.05724 | 04/13/95 10:22:13 |
| SE | 196.026 | Multiple | Standards | 16.7103 | -.076630 | 04/13/95 10:22:13 |
| AG | 328.068 | Multiple | Standards | 39.9535 | -.000189 | 04/13/95 10:22:13 |
| NA | 588.995 | Multiple | Standards | 26.5651 | -.378117 | 04/13/95 10:22:13 |
| TL | 190.864 | Multiple | Standards | 107.095 | -.000400 | 04/13/95 10:22:13 |
| V | 292.402 | Multiple | Standards | 6.13228 | -.000856 | 04/13/95 10:22:13 |
| ZN | 213.856 | Multiple | Standards | 7.92391 | -.014500 | 04/13/95 10:22:13 |
| Mo2020 | 202.030 | Multiple | Standards | 11.7920 | -.006134 | 04/13/95 10:22:13 |
| B_2496 | 249.678 | Multiple | Standards | 50.2138 | -.010414 | 04/13/95 10:22:13 |
| Ti3349 | 334.941 | Multiple | Standards | 10.1079 | -.002688 | 04/13/95 10:22:13 |
| Si2881 | 288.158 | Multiple | Standards | 25.0435 | -.082698 | 04/13/95 10:22:13 |
| Sn1899 | 189.989 | Multiple | Standards | 27.4861 | -.024688 | 04/13/95 10:22:13 |

Method: SWA46-R Sample Name: HIGH STD Operator: TCM
Run Time: 04/13/95 10:24:59
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.0340 | 10.069 | 19.974 | 5.95370 | 2.0165 | 6.0078 | 49.493 |
| SDev | .0327 | .133 | .107 | .0349 | .0186 | .0613 | .545 |
| %RSD | .54124 | 1.3171 | .53387 | .58644 | .91993 | 1.0211 | 1.1012 |
| #1 | 6.0109 | 9.9757 | 19.899 | 5.9290 | 2.0034 | 5.9644 | 49.108 |
| #2 | 6.0571 | 10.163 | 20.050 | 5.9784 | 2.0297 | 6.0512 | 49.879 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 10.000 | 20.000 | 6.0000 | 2.0000 | 6.0000 | 50.000 |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 5.9101 | 5.9238 | 6.0384 | 24.609 | 19.756 | 15.027 | 3.9522 |
| SDev | .0548 | .0590 | .0241 | .224 | .245 | .130 | .0339 |
| %RSD | .92702 | .99653 | .39869 | .90920 | 1.2419 | .86517 | .85652 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| #1 | 5.8714 | 5.8820 | 6.0214 | 24.450 | 19.583 | 14.935 | 3.9282 |
| #2 | 5.9489 | 5.9655 | 6.0554 | 24.767 | 19.930 | 15.119 | 3.9761 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 6.0000 | 6.0000 | 25.000 | 20.000 | 15.000 | 4.0000 |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |
| Elem | NI | K | SE | AG | NA | TI | V |
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.0320 | 403.24 | 10.275 | 5.9761 | 55.294 | 20.067 | 5.9410 |
| SDev | .1169 | 1.63 | .159 | .0510 | .071 | .225 | .0476 |
| %RSD | 1.9384 | .40376 | 1.5432 | .85360 | .12909 | 1.1236 | .80155 |
| #1 | 5.9493 | 402.09 | 10.163 | 5.9400 | 55.345 | 19.908 | 5.9073 |
| #2 | 6.1147 | 404.39 | 10.387 | 6.0121 | 55.244 | 20.227 | 5.9746 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 400.00 | 10.000 | 6.0000 | 55.000 | 20.000 | 6.0000 |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |
| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 | |
| Units | ppm | ppm | ppm | ppm | ppm | ppm | |
| Avge | 5.9871 | 5.9854 | 10.004 | 20.069 | 4.7638 | 5.0336 | |
| SDev | .0796 | .0650 | .064 | .140 | .0270 | .0623 | |
| %RSD | 1.3290 | 1.0866 | .63766 | .69844 | .56660 | 1.2377 | |
| #1 | 5.9308 | 5.9394 | 9.9589 | 19.969 | 4.7447 | 4.9896 | |
| #2 | 6.0434 | 6.0314 | 10.049 | 20.168 | 4.7828 | 5.0777 | |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | |
| Value | 6.0000 | 6.0000 | 10.000 | 20.000 | 4.6000 | 5.0000 | |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | |

Method: SW846-R Sample Name: ICV Operator: TCM
Run Time: 04/13/95 10:29:39
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .99625 | 1.0911 | 1.0558 | 1.0202 | .99931 | .99091 | 26.220 |
| SDev | .00606 | .0354 | .0129 | .0116 | .00657 | .00721 | .122 |
| %RSD | .60804 | 3.2480 | 1.2173 | 1.1408 | .65727 | .72803 | .46458 |
| #1 | .99197 | 1.0661 | 1.0467 | 1.0120 | .99466 | .98581 | 26.134 |
| #2 | 1.0005 | 01.1162 | 1.0648 | 1.0284 | 1.0040 | .99601 | 26.307 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 26.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0214 | 1.0157 | 1.0181 | 1.0104 | 1.0396 | 2.0342 | 1.0597 |
| SDev | .0011 | .0000 | .0022 | .0108 | .0194 | .0087 | .0049 |
| %RSD | .11151 | .00004 | .21496 | 1.0646 | 1.8661 | .42609 | .45808 |
| #1 | 1.0206 | 1.0157 | 1.0166 | 1.0028 | 1.0533 | 2.0403 | 1.0562 |
| #2 | 1.0222 | 1.0157 | 1.0197 | 1.0180 | 1.0259 | 2.0281 | 1.0631 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 2.0000 | 1.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0384 | 30.341 | .94533 | 1.0373 | 11.180 | 1.0095 | 1.0077 |
| SDev | .0395 | .740 | .06146 | .0170 | .094 | .1364 | .0035 |
| %RSD | 3.8041 | 2.4392 | 6.5010 | 1.6352 | .84006 | 13.512 | .34419 |
| #1 | 1.0663 | 30.864 | .90188 | 1.0253 | 11.114 | 01.1060 | 1.0052 |
| #2 | 1.0105 | 29.817 | .98879 | 1.0492 | 11.247 | .91309 | 1.0102 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 30.000 | 1.0000 | 1.0000 | 11.000 | 1.0000 | 1.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .99872 | 1.0233 | 1.0385 | 1.0244 | .47080 | .48960 |
| SDev | .00673 | .0050 | .0355 | .0057 | .02825 | .05831 |
| %RSD | .67342 | .48890 | 3.4184 | .56014 | 6.0016 | 11.910 |
| #1 | .99397 | 1.0268 | 1.0134 | 1.0204 | .45082 | 0.44837 |
| #2 | 1.0035 | 1.0198 | 1.0636 | 1.0285 | .49078 | .53084 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | .50000 | .50000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: ICB Operator: TCM
Run Time: 04/13/95 10:32:09
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00456 | .03146 | .00087 | -.00027 | .00073 | -.00143 | .01899 |
| SDev | .00008 | .00885 | .00922 | .00000 | .00110 | .00000 | .00468 |
| %RSD | 1.7172 | 28.136 | 1064.4 | .00000 | 150.34 | .00602 | 24.665 |
| #1 | -.00451 | .02520 | -.00565 | -.00027 | .00151 | -.00143 | .02231 |
| #2 | -.00462 | .03772 | .00738 | -.00027 | -.00005 | -.00143 | .01568 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00681 | .00374 | -.00172 | -.00278 | -.00990 | .00554 | .00080 |
| SDev | .00780 | .00576 | .00438 | .00293 | .01301 | .01733 | .00106 |
| %RSD | 114.60 | 153.98 | 255.08 | 105.62 | 131.38 | 313.16 | 131.79 |
| #1 | .00129 | -.00033 | -.00481 | -.00070 | -.00070 | -.00672 | .00155 |
| #2 | H.01232 | .00781 | .00138 | -.00485 | -.01910 | .01779 | .00005 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00153 | .51264 | -.03151 | -.00018 | .00176 | -.04331 | .00281 |
| SDev | .00539 | .88806 | .01182 | .00001 | .00376 | .18165 | .00345 |
| %RSD | 353.08 | 173.23 | 37.521 | 4.2938 | 213.02 | 419.38 | 122.92 |
| #1 | -.00534 | -.11531 | -.03987 | -.00019 | -.00089 | L-.17176 | .00037 |
| #2 | .00229 | 1.1406 | -.02315 | -.00018 | .00442 | .08513 | .00525 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01291 | .00448 | .02474 | .00338 | .02489 | -.00270 |
| SDev | .00224 | .00834 | .00710 | .00000 | .00366 | .03110 |
| %RSD | 17.374 | 186.15 | 28.701 | .07597 | 14.712 | 1150.8 |
| #1 | -.01450 | -.00142 | .02976 | .00338 | .02748 | .01929 |
| #2 | -.01133 | .01038 | .01972 | .00338 | .02230 | -.02469 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CRII Operator: TCM
Run Time: 04/13/95 10:56:01
Comment: CRDI. X2
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01973 | .07549 | .26054 | .00000 | .00915 | .01021 | .03313 |
| SDev | .00004 | .02670 | .02765 | .00000 | .00000 | .00000 | .00468 |
| %RSD | .18740 | 35.374 | 10.614 | .00000 | .02962 | .00405 | 14.142 |
| #1 | .01976 | .05661 | .28009 | .00000 | .00916 | .01021 | .02982 |
| #2 | .01971 | .09437 | .24098 | .00000 | .00915 | .01021 | .03644 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01960 | .10082 | .05571 | .00621 | .08209 | .01226 | .02690 |
| SDev | .00110 | .00144 | .00000 | .00195 | .00002 | .00000 | .00053 |
| %RSD | 5.5896 | 1.4282 | .00000 | 31.444 | .01776 | .00000 | 1.9668 |
| #1 | .02037 | .10183 | .05571 | .00483 | .08210 | .01226 | .02727 |
| #2 | .01882 | .09980 | .05571 | .00759 | .08208 | .01226 | .02652 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .06995 | -.62796 | .22579 | .02419 | .02922 | .29750 | .09072 |
| SDev | .00719 | .29602 | .10871 | .00001 | .00751 | .06053 | .00174 |
| %RSD | 10.271 | 47.140 | 48.148 | .01905 | 25.713 | 20.348 | 1.9150 |
| #1 | .06487 | -.83727 | .14892 | .02419 | .02391 | .25470 | .08949 |
| #2 | .07503 | -.41864 | .30266 | .02420 | .03453 | .34030 | .09194 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .03969 | .09198 | .12553 | .10108 | .20084 | .14293 |
| SDev | .00000 | .00167 | .00000 | .00286 | .01414 | .01555 |
| %RSD | .00235 | 1.8131 | .00084 | 2.8274 | 7.0389 | 10.878 |
| #1 | .03968 | .09080 | .12553 | .10310 | .19084 | .15392 |
| #2 | .03969 | .09316 | .12553 | .09906 | .21083 | .13193 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: ICSAI Operator: TCM
Run Time: 04/13/95 11:01:52
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 459.63 | -.04412 | -.07931 | .02469 | -.00084 | .00245 | 462.22 |
| SDev | .81 | .07116 | .06055 | .00000 | .00000 | .00002 | 1.54 |
| %RSD | .17528 | 161.31 | 76.344 | .00000 | .15265 | .78778 | .33246 |
| #1 | 459.06 | .00620 | -.03650 | .02469 | -.00084 | .00244 | 463.31 |
| #2 | 460.20 | -.09444 | -.12213 | .02469 | -.00084 | .00246 | 461.13 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | QC Pass |
| Value | 500.00 | | | | | | 500.00 |
| Range | 20.000 | | | | | | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01917 | -.00001 | -.01083 | 168.93 | .13721 | 473.92 | -.00495 |
| SDev | .00334 | .00000 | .00219 | .23 | .00061 | 1.30 | .00094 |
| %RSD | 17.409 | 17.653 | 20.203 | .13480 | .44291 | .27433 | 19.008 |
| #1 | .02153 | -.00001 | -.01238 | 168.77 | .13764 | 473.00 | -.00561 |
| #2 | .01681 | -.00001 | -.00929 | 169.10 | .13678 | 474.84 | -.00428 |
| Errors | NOCHECK | NOCHECK | NOCHECK | QC Pass | NOCHECK | QC Pass | NOCHECK |
| Value | | | | 200.00 | | 500.00 | |
| Range | | | | 20.000 | | 20.000 | |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01389 | -1.4652 | -.00543 | -.01958 | .17002 | -.08575 | .03935 |
| SDev | .03592 | .4440 | .04727 | .00561 | .03381 | .00061 | .00082 |
| %RSD | 258.54 | 30.305 | 870.72 | 28.650 | 19.887 | .71192 | 2.0776 |
| #1 | .03929 | -1.1513 | -.03885 | -.01561 | .14611 | -.08532 | .03993 |
| #2 | -.01151 | -1.7792 | .02800 | -.02354 | .19392 | -.08618 | .03877 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | | |
| Range | | | | | | | |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.04043 | -.00590 | -.15101 | .02454 | -.06301 | -.00773 |
| SDev | .00211 | .01334 | .00722 | .00169 | .01378 | .01542 |
| %RSD | 5.2267 | 226.27 | 4.7836 | 6.8806 | 21.863 | 199.55 |
| #1 | -.04192 | -.01533 | -.14590 | .02573 | -.07275 | .00318 |
| #2 | -.03894 | .00354 | -.15612 | .02334 | -.05327 | -.01864 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | |
| Range | | | | | | |

Method: SW846-R Sample Name: ICSAB1 Operator: TCM
Run Time: 04/13/95 11:04:17
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 473.76 | -.09674 | -.02508 | .49377 | .46674 | .94913 | 473.99 |
| SDev | 2.13 | .07117 | .13238 | .00000 | .00602 | .00344 | 7.06 |
| %RSD | .45052 | 73.571 | 527.76 | .00000 | 1.2889 | .36271 | 1.4893 |
| #1 | 472.25 | -.14706 | -.11869 | .49377 | .46249 | .95157 | 469.00 |
| #2 | 475.27 | -.04641 | .06853 | .49377 | .47099 | .94670 | 478.98 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 500.00 | | | .50000 | .50000 | 1.0000 | 500.00 |
| Range | 20.000 | | | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .46891 | .44794 | .48129 | 172.83 | 1.0142 | 487.73 | .47076 |
| SDev | .00338 | .00576 | .00657 | 1.82 | .0017 | 4.98 | .00693 |
| %RSD | .72158 | 1.2859 | 1.3642 | 1.0518 | .16904 | 1.0218 | 1.4721 |
| #1 | .46652 | .44387 | .47665 | 171.54 | 1.0154 | 484.20 | .46586 |
| #2 | .47130 | .45201 | .48593 | 174.11 | 1.0130 | 491.25 | .47566 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | .50000 | .50000 | .50000 | 200.00 | 1.0000 | 500.00 | .50000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .89987 | -1.4129 | .01068 | .94919 | .18330 | .00255 | .50883 |
| SDev | .02873 | .8141 | .03471 | .00601 | .03005 | .42890 | .00640 |
| %RSD | 3.1931 | 57.616 | 324.90 | .63350 | 16.397 | 16839. | 1.2581 |
| #1 | .87955 | -1.9885 | .03523 | .94493 | .16205 | .30582 | .50430 |
| #2 | .92018 | -.83727 | -.01386 | .95344 | .20455 | -.30073 | .51335 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | NOCHECK | NOCHECK | QC Pass |
| Value | 1.0000 | | | 1.0000 | | | .50000 |
| Range | 20.000 | | | 20.000 | | | 20.000 |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .88711 | -.01061 | -.15812 | .02339 | -.12848 | .00251 |
| SDev | .00283 | .00000 | .01518 | .00405 | .03734 | .04374 |
| %RSD | .31937 | .00000 | 9.5997 | 17.318 | 29.058 | 1741.7 |
| #1 | .88912 | -.01061 | -.14739 | .02053 | -.15488 | -.02842 |
| #2 | .88511 | -.01061 | -.16885 | .02626 | -.10208 | .03344 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | 1.0000 | | | | | |
| Range | 20.000 | | | | | |

Method: SW846-R Sample Name: ICSAI X10 DIL Operator: TCM
Run Time: 04/13/95 11:06:37
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 44.239 | -.04406 | -.00736 | .00411 | -.00078 | -.00603 | 47.287 |
| SDev | .047 | .01776 | .02522 | .00000 | .00000 | .00001 | .369 |
| %RSD | .15249 | 40.307 | 342.39 | .00000 | .17444 | .09262 | .77942 |
| #1 | 44.192 | -.03150 | -.02519 | .00411 | -.00078 | -.00603 | 47.547 |
| #2 | 44.287 | -.05662 | .01047 | .00411 | -.00078 | -.00604 | 47.026 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00315 | .00102 | .00619 | 17.984 | .00222 | 46.512 | -.00026 |
| SDev | .00554 | .00432 | .00438 | .059 | .05201 | .217 | .00091 |
| %RSD | 175.84 | 424.52 | 70.711 | .33059 | 2338.4 | .46588 | 346.44 |
| #1 | .00707 | .00407 | .00929 | 18.027 | .03900 | 46.665 | .00038 |
| #2 | -.00077 | -.00204 | .00310 | 17.942 | -.03455 | 46.359 | -.00091 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00126 | .05233 | -.05161 | .00344 | .03188 | .16037 | .00150 |
| SDev | .00718 | .66605 | .00477 | .00001 | .06387 | .00023 | .00087 |
| %RSD | 568.41 | 1272.8 | 9.2419 | .26867 | 200.35 | .14473 | 57.942 |
| #1 | .00381 | .52330 | -.04824 | .00345 | .07704 | .16021 | .00088 |
| #2 | -.00634 | -.41864 | -.05498 | .00343 | -.03228 | .16054 | .00211 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00303 | -.00236 | -.00966 | .00092 | -.00551 | -.00678 |
| SDev | .00114 | .00167 | .00707 | .00137 | .00713 | .00774 |
| %RSD | 37.787 | 70.711 | 73.172 | 149.53 | 129.43 | 114.20 |
| #1 | .00222 | -.00118 | -.00466 | -.00005 | -.01055 | -.01226 |
| #2 | .00384 | -.00354 | -.01466 | .00188 | -.00047 | -.00131 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: ICSABI X10 DIL Operator: TCM
Run Time: 04/13/95 11:09:09
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 46.450 | -.01912 | -.01378 | .04938 | .04485 | .09225 | 49.495 |
| SDev | .181 | .03560 | .00528 | .00000 | .00000 | .00540 | .109 |
| %RSD | .38927 | 186.22 | 38.295 | .00000 | .00006 | 5.8573 | .22087 |
| #1 | 46.578 | -.04429 | -.01752 | .04938 | .04485 | .08842 | 49.572 |
| #2 | 46.322 | .00606 | -.01005 | .04938 | .04485 | .09607 | 49.418 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .04751 | .04174 | .04643 | 18.823 | .08287 | 48.896 | .04891 |
| SDev | .00111 | .00144 | .00000 | .104 | .05207 | .052 | .00005 |
| %RSD | 2.3365 | 3.4515 | .00000 | .55110 | 62.829 | .10636 | .09196 |
| #1 | .04830 | .04072 | .04643 | 18.897 | .04606 | 48.859 | .04894 |
| #2 | .04673 | .04276 | .04643 | 18.750 | .11969 | 48.933 | .04888 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .06499 | -.83727 | .01882 | .08362 | .08235 | .12543 | .05000 |
| SDev | .05029 | .14801 | .00949 | .00002 | .00751 | .16667 | .00002 |
| %RSD | 77.373 | 17.678 | 50.397 | .02374 | 9.1239 | 132.88 | .03374 |
| #1 | .02943 | -.94193 | .02553 | .08364 | .08766 | .00758 | .05001 |
| #2 | .10055 | -.73261 | .01211 | .08361 | .07704 | .24328 | .04999 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .10183 | -.01415 | -.01513 | .00229 | -.00268 | .00191 |
| SDev | .00223 | .00500 | .01426 | .00002 | .00003 | .00394 |
| %RSD | 2.1931 | 35.355 | 94.219 | .79601 | 1.0039 | 206.71 |
| #1 | .10341 | -.01769 | -.02522 | .00230 | -.00270 | .00470 |
| #2 | .10026 | -.01061 | -.00505 | .00228 | -.00266 | -.00088 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV1 Operator: TCM
Run Time: 04/13/95 11:14:13
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8735 | 4.6790 | 9.8643 | 2.8595 | .98948 | 2.9101 | 25.143 |
| SDev | .0337 | .0355 | .0015 | .0175 | .00109 | .0072 | .078 |
| %RSD | 1.1718 | .75928 | .01569 | .61050 | .11045 | .24788 | .31057 |
| #1 | 2.8973 | 4.6538 | 9.8654 | 2.8718 | .99025 | 2.9152 | 25.087 |
| #2 | 2.8497 | 4.7041 | 9.8632 | 2.8471 | .98871 | 2.9050 | 25.198 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8765 | 2.8329 | 2.9541 | 11.816 | 9.3122 | 7.4827 | 1.9726 |
| SDev | .0100 | .0043 | .0131 | .008 | .0520 | .0000 | .0048 |
| %RSD | .34678 | .15240 | .44452 | .06599 | .55833 | .00000 | .24104 |
| #1 | 2.8694 | 2.8299 | 2.9634 | 11.811 | 9.2754 | 7.4827 | 1.9692 |
| #2 | 2.8836 | 2.8360 | 2.9448 | 11.822 | 9.3490 | 7.4827 | 1.9759 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0073 | 200.10 | 5.3535 | 2.9176 | 27.111 | 10.578 | 2.8368 |
| SDev | .0090 | 2.22 | .1134 | .0113 | .150 | .076 | .0018 |
| %RSD | .29940 | 1.1095 | 2.1190 | .38742 | .55429 | .71595 | .06186 |
| #1 | 3.0009 | 201.67 | 5.2733 | 2.9256 | 27.218 | 10.525 | 2.8380 |
| #2 | 3.0137 | 198.53 | 5.4337 | 2.9096 | 27.005 | 10.632 | 2.8355 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8448 | 2.9749 | 5.0699 | 10.151 | 2.3989 | 2.4355 |
| SDev | .0112 | .0200 | .0355 | .031 | .0071 | .0816 |
| %RSD | .39386 | .67269 | .70042 | .30969 | .29587 | 3.3516 |
| #1 | 2.8369 | 2.9607 | 5.0950 | 10.174 | 2.4039 | 2.4932 |
| #2 | 2.8527 | 2.9890 | 5.0448 | 10.129 | 2.3939 | 2.3778 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB1 Operator: TCM
Run Time: 04/13/95 11:16:31
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02014 | -.01256 | -.00616 | .00405 | -.00002 | -.00004 | .03862 |
| SDev | .02557 | .00002 | .04463 | .00000 | .00000 | .00558 | .00776 |
| %RSD | 126.95 | .12614 | 724.78 | .00000 | 5.7804 | 15454. | 20.107 |
| #1 | .03821 | -.01254 | .02540 | .00405 | -.00003 | .00391 | .04411 |
| #2 | .00206 | -.01257 | -.03772 | .00405 | -.00002 | -.00398 | .03313 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00294 | .00398 | -.00314 | .00735 | -.01281 | -.01284 | -.00004 |
| SDev | .00231 | .00305 | .00222 | .00416 | .02094 | .00869 | .00123 |
| %RSD | 78.356 | 76.600 | 70.692 | 56.575 | 163.46 | 67.676 | 2820.3 |
| #1 | .00131 | .00182 | -.00472 | .01028 | -.02762 | -.01898 | .00083 |
| #2 | .00458 | .00614 | -.00157 | .00441 | .00200 | -.00669 | -.00092 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01928 | -.63881 | -.08756 | -.00018 | .04485 | -.13221 | .00238 |
| SDev | .00538 | 1.47938 | .04638 | .00000 | .01143 | .01432 | .00092 |
| %RSD | 27.935 | 231.58 | 52.975 | 1.6723 | 25.485 | 10.831 | 38.760 |
| #1 | -.01547 | -1.6849 | -.05476 | -.00018 | .05293 | -.12209 | .00303 |
| #2 | -.02308 | .40727 | -.12035 | -.00018 | .03677 | -.14234 | .00173 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01116 | -.00376 | .03416 | .00927 | .00164 | -.01622 |
| SDev | .00473 | .00336 | .00700 | .00000 | .01022 | .01196 |
| %RSD | 42.366 | 89.563 | 20.500 | .01985 | 622.51 | 73.739 |
| #1 | -.00781 | -.00138 | .03911 | .00927 | .00887 | -.02468 |
| #2 | -.01450 | -.00613 | .02921 | .00927 | -.00559 | -.00776 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: PRW Operator: TCM
Run Time: 04/13/95 11:25:06
Comment: DT DIGESTED 4/101/95
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01805 | -.02689 | -.01438 | -.00432 | .00000 | -.00263 | -.02855 |
| SDev | .00004 | .03804 | .02430 | .00000 | .00000 | .00186 | .00466 |
| %RSD | .20304 | 141.47 | 168.98 | .00000 | 94.682 | 70.839 | 16.318 |
| #1 | -.01803 | -.05379 | -.03156 | -.00432 | .00001 | -.00131 | -.02525 |
| #2 | -.01808 | .00001 | .00280 | -.00432 | .00000 | -.00394 | -.03184 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00002 | .00000 | -.00471 | .02994 | -.01477 | .02457 | -.00012 |
| SDev | .00230 | .00000 | .00000 | .01343 | .01394 | .00869 | .00012 |
| %RSD | 14141. | 15261. | .00000 | 44.873 | 94.486 | 35.355 | 69.627 |
| #1 | .00161 | -.00000 | -.00471 | .03944 | -.00490 | .03071 | -.00009 |
| #2 | -.00164 | .00000 | -.00471 | .02044 | -.02464 | .01843 | -.00026 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01647 | .62765 | .04375 | .00000 | -.03772 | H.16213 | -.00194 |
| SDev | .00358 | .29588 | .01987 | .00000 | .02667 | .01435 | .00184 |
| %RSD | 21.764 | 47.140 | 45.431 | 193.35 | 70.711 | 8.8513 | 94.683 |
| #1 | .01393 | .83687 | .02949 | -.00000 | -.05458 | H.17228 | -.00324 |
| #2 | .01900 | .41843 | .05780 | .00000 | -.01886 | H.15198 | -.00064 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | MoP020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00168 | -.00357 | -.02973 | -.00598 | -.02408 | .02258 |
| SDev | .00000 | .00168 | .00700 | .00000 | .01026 | .02791 |
| %RSD | .19997 | 47.140 | 23.533 | .00437 | 42.591 | 123.63 |
| #1 | -.00168 | -.00476 | -.02478 | -.00598 | -.01683 | .00284 |
| #2 | -.00168 | -.00238 | -.03468 | -.00598 | -.03133 | .04232 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | 10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: LCSW Operator: TCM
Run Time: 04/13/95 11:28:00
Comment: DT DIGESTED 4/10/95
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 10.385 | 1.0700 | 2.1012 | 1.0469 | 1.0371 | 1.0528 | 53.113 |
| SDev | .016 | .0000 | .0129 | .0092 | .0017 | .0093 | .087 |
| %RSD | .15338 | .00107 | .61600 | .87477 | .15977 | .88295 | .16373 |
| #1 | 10.396 | 1.0700 | 2.1103 | 1.0404 | 1.0383 | 1.0462 | 53.174 |
| #2 | 10.373 | 1.0700 | 2.0920 | 1.0533 | 1.0360 | 1.0593 | 53.051 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 10.000 | 1.0000 | 2.0000 | 1.0000 | 1.0000 | 1.0000 | 51.000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0597 | 1.0436 | 1.5684 | 10.805 | 1.0311 | 20.800 | 1.1038 |
| SDev | .0023 | .0061 | .0067 | .013 | .0488 | .009 | .0011 |
| %RSD | .22065 | .58466 | .42511 | .12439 | 4.7349 | .04177 | .10173 |
| #1 | 1.0613 | 1.0393 | 1.5731 | 10.818 | .99662 | 20.806 | 1.1046 |
| #2 | 1.0580 | 1.0479 | 1.5636 | 10.799 | 1.0657 | 20.794 | 1.1030 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.5000 | 11.000 | 1.0000 | 21.000 | 1.0000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0944 | 21.811 | 1.0315 | 1.0726 | 10.461 | 1.1845 | 1.0412 |
| SDev | .0090 | .518 | .0022 | .0000 | .023 | .0718 | .0027 |
| %RSD | .81942 | 2.3740 | .21522 | .00086 | .21852 | 6.0580 | .26401 |
| #1 | 1.0880 | 21.445 | 1.0330 | 1.0726 | 10.445 | 1.1337 | 1.0431 |
| #2 | 1.1007 | 22.177 | 1.0299 | 1.0726 | 10.477 | 01.2352 | 1.0392 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 20.000 | 1.0000 | 1.0000 | 10.000 | 1.0000 | 1.0000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0472 | 1.0369 | 1.0095 | 1.0254 | 1.0655 | 1.0830 |
| SDev | .0047 | .0000 | .0140 | .0014 | .0102 | .0279 |
| %RSD | .45125 | .00000 | 1.3869 | .13595 | .95319 | 2.5788 |
| #1 | 1.0439 | 1.0369 | 1.0194 | 1.0244 | 1.0727 | 1.1027 |
| #2 | 1.0506 | 1.0369 | .99961 | 1.0264 | 1.0583 | 1.0632 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

Method: SW846-R Sample Name: CCV2 Operator: TCM
Run Time: 04/13/95 12:18:09
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8644 | 4.9052 | 9.7429 | 2.8945 | 1.0057 | 2.9869 | 25.452 |
| SDev | .0165 | .0382 | .0319 | .0092 | .0110 | .0298 | .281 |
| %RSD | .57665 | .77777 | .32761 | .31638 | 1.0975 | .99635 | 1.1043 |
| #1 | 2.8761 | 4.9322 | 9.7203 | 2.8880 | .99786 | 2.9658 | 25.253 |
| #2 | 2.8528 | 4.8783 | 9.7654 | 2.9010 | 1.0135 | 3.0079 | 25.651 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9422 | 2.9087 | 2.9811 | 12.174 | 9.6191 | 7.3715 | 1.9843 |
| SDev | .0245 | .0213 | .0133 | .097 | .1114 | .0782 | .0170 |
| %RSD | .83296 | .73381 | .44729 | .79771 | 1.1581 | 1.0607 | .85790 |
| #1 | 2.9249 | 2.8936 | 2.9717 | 12.105 | 9.5403 | 7.3163 | 1.9722 |
| #2 | 2.9595 | 2.9238 | 2.9906 | 12.243 | 9.6978 | 7.4268 | 1.9963 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0115 | 203.41 | 5.1543 | 2.9177 | 27.172 | 10.652 | 2.8978 |
| SDev | .0735 | .94 | .0023 | .0001 | .110 | .001 | .0238 |
| %RSD | 2.4410 | .47274 | .04501 | .00262 | .40663 | .00800 | .82162 |
| #1 | 2.9596 | 202.73 | 5.1527 | 2.9177 | 27.250 | 10.653 | 2.8810 |
| #2 | 3.0635 | 204.09 | 5.1560 | 2.9178 | 27.094 | 10.652 | 2.9146 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9535 | 2.9788 | 5.0997 | 10.226 | 2.3732 | 2.5161 |
| SDev | .0248 | .0353 | .0560 | .054 | .0335 | .0279 |
| %RSD | .84009 | 1.1856 | 1.0977 | .52370 | 1.4097 | 1.1079 |
| #1 | 2.9359 | 2.9538 | 5.0602 | 10.188 | 2.3495 | 2.5358 |
| #2 | 2.9710 | 3.0038 | 5.1393 | 10.264 | 2.3968 | 2.4964 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.5000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB2 Operator: TCM
Run Time: 04/13/95 12:20:10
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01786 | -.01257 | -.02332 | .00189 | -.00042 | -.00135 | .05728 |
| SDev | .00961 | .00001 | .05786 | .00305 | .00056 | .00000 | .01242 |
| %RSD | 53.795 | .04728 | 248.11 | 161.72 | 133.30 | .05459 | 21.687 |
| #1 | .02445 | -.01258 | .01759 | .00405 | -.00002 | -.00135 | .06607 |
| #2 | .01107 | -.01256 | -.06423 | -.00027 | -.00081 | -.00135 | .04850 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00540 | .00014 | .00471 | .03217 | .00196 | .04245 | .00057 |
| SDev | .00115 | .00305 | .00445 | .00620 | .02789 | .01738 | .00049 |
| %RSD | 21.293 | 49.709 | 94.297 | 19.280 | 1420.4 | 40.931 | 85.387 |
| #1 | .00621 | .00398 | .00157 | .03655 | -.01776 | .05474 | .00092 |
| #2 | .00459 | .00829 | .00786 | .02778 | .02169 | .03016 | .00023 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01114 | .25036 | -.09691 | -.00018 | .09604 | -.08161 | .00238 |
| SDev | .00538 | .22191 | .00663 | .00000 | .03048 | .05734 | .00092 |
| %RSD | 48.311 | 88.636 | 6.8371 | .59488 | 31.737 | 70.258 | 38.585 |
| #1 | .01494 | .40727 | -.10160 | -.00018 | .07448 | -.04107 | .00173 |
| #2 | .00733 | .09345 | -.09223 | -.00018 | .11759 | -.12216 | .00303 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00782 | -.00138 | .03414 | .00927 | -.00080 | .00917 |
| SDev | .00236 | .00673 | .00700 | .00282 | .00483 | .04786 |
| %RSD | 30.176 | 488.49 | 20.504 | 30.404 | 858.76 | 521.77 |
| #1 | -.00615 | -.00613 | .03909 | .01126 | .00403 | -.02447 |
| #2 | -.00949 | .00338 | .02919 | .00728 | -.00562 | .04302 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV3 Operator: TCM
Run Time: 04/13/95 13:03:26
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.7375 | 4.7175 | 9.5642 | 2.8600 | .98896 | 2.9553 | 24.983 |
| SDev | .0098 | .0000 | .1307 | .0183 | .00331 | .0130 | .036 |
| %RSD | .35792 | .00069 | 1.3670 | .64040 | .33435 | .44052 | .14295 |
| #1 | 2.7306 | 4.7175 | 9.4718 | 2.8729 | .99130 | 2.9461 | 24.958 |
| #2 | 2.7444 | 4.7175 | 9.6567 | 2.8470 | .98663 | 2.9645 | 25.009 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8481 | 2.8343 | 2.9120 | 11.702 | 9.3535 | 7.1504 | 1.9295 |
| SDev | .0070 | .0229 | .0154 | .021 | .0628 | .0348 | .0045 |
| %RSD | .24681 | .80725 | .53425 | .17657 | .67104 | .48598 | .23306 |
| #1 | 2.8531 | 2.8181 | 2.9230 | 11.687 | 9.3091 | 7.1258 | 1.9263 |
| #2 | 2.8432 | 2.8505 | 2.9010 | 11.716 | 9.3978 | 7.1750 | 1.9326 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9214 | 200.85 | 5.1820 | 2.8270 | 27.135 | 10.483 | 2.8091 |
| SDev | .0502 | .81 | .0596 | .0233 | .122 | .029 | .0101 |
| %RSD | 1.7192 | .40511 | 1.1506 | .82269 | .44931 | .27548 | .35844 |
| #1 | 2.8859 | 200.27 | 5.1398 | 2.8435 | 27.221 | 10.463 | 2.8162 |
| #2 | 2.9570 | 201.42 | 5.2241 | 2.8106 | 27.048 | 10.504 | 2.8020 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8892 | 2.8955 | 5.0158 | 10.126 | 2.3491 | 2.4340 |
| SDev | .0307 | .0017 | .0070 | .028 | .0002 | .0359 |
| %RSD | 1.0627 | .05808 | .13986 | .27805 | .01027 | 1.4754 |
| #1 | 2.8674 | 2.8947 | 5.0208 | 10.146 | 2.3489 | 2.4086 |
| #2 | 2.9109 | 2.8944 | 5.0108 | 10.106 | 2.3493 | 2.4594 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB3 Operator: TCH
Run Time: 04/13/95 13:05:34
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02470 | -.01257 | -.02470 | .00405 | -.00002 | -.00135 | .04301 |
| SDev | .01282 | .00003 | .01484 | .00000 | .00000 | .00744 | .00155 |
| %RSD | 51.884 | .22618 | 60.077 | .00000 | 6.7783 | 550.50 | 3.6106 |
| #1 | .03377 | -.01255 | -.01421 | .00405 | -.00002 | -.00661 | .04191 |
| #2 | .01564 | -.01259 | -.03519 | .00405 | -.00002 | .00391 | .04411 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00456 | .00398 | -.00000 | .00734 | -.00787 | .02402 | .00163 |
| SDev | .00464 | .00610 | .00222 | .00415 | .04184 | .02606 | .00006 |
| %RSD | 101.71 | 153.22 | 271250. | 56.609 | 531.65 | 108.50 | 3.6131 |
| #1 | .00128 | -.00033 | .00157 | .01027 | -.03746 | .00559 | .00168 |
| #2 | .00784 | .00829 | -.00157 | .00440 | .02172 | .04245 | .00159 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.02054 | .82571 | -.07507 | .00392 | .07987 | -.08149 | -.00022 |
| SDev | .01075 | 1.4794 | .02430 | .00581 | .01524 | .00004 | .00091 |
| %RSD | 52.327 | 179.17 | 32.367 | 148.25 | 19.080 | .04629 | 418.78 |
| #1 | -.01294 | -.22038 | -.09225 | -.00019 | .04910 | -.08144 | -.00086 |
| #2 | -.02814 | 1.8718 | -.05789 | .00803 | .09065 | -.08151 | .00042 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00865 | -.00138 | .02920 | .01126 | .00409 | .01480 |
| SDev | .00118 | .00673 | .00000 | .00000 | .01359 | .00798 |
| %RSD | 13.646 | 488.49 | .00764 | .00708 | 332.35 | 53.922 |
| #1 | -.00949 | -.00613 | .02920 | .01126 | -.00552 | .02044 |
| #2 | -.00782 | .00338 | .02921 | .01126 | .01370 | .00916 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CRI-F Operator: TCM
Run Time: 04/13/95 13:13:21
Comment: CRN X10
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.02001 | .13442 | .20899 | -.00432 | .01004 | .00658 | .02306 |
| SDev | .01910 | .03798 | .00764 | .00000 | .00001 | .00186 | .00621 |
| %RSD | 95.493 | 28.259 | 3.6577 | .00000 | .05682 | 28.255 | 26.937 |
| #1 | -.00650 | .16128 | .20359 | -.00432 | .01004 | .00526 | .02745 |
| #2 | -.03351 | .10756 | .21440 | -.00432 | .01004 | .00789 | .01867 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02040 | .09382 | .05343 | -.00222 | .08819 | -.00614 | .02386 |
| SDev | .00698 | .00152 | .00222 | .00518 | .00004 | .01737 | .00065 |
| %RSD | 34.196 | 1.6229 | 4.1594 | 232.96 | .04564 | 282.84 | 2.7441 |
| #1 | .02533 | .09490 | .05500 | .00144 | .08816 | .00614 | .02339 |
| #2 | .01547 | .09274 | .05186 | -.00589 | .08822 | -.01843 | .02432 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .10144 | .00000 | .18917 | .01665 | -.01078 | .20035 | .09009 |
| SDev | .01791 | 1.3315 | .05302 | .00582 | .03048 | .02856 | .00365 |
| %RSD | 17.658 | 1489e6 | 28.025 | 34.949 | 282.84 | 14.255 | 4.0559 |
| #1 | .11410 | .94148 | .22666 | .02077 | .01078 | .22054 | .09268 |
| #2 | .08877 | -.94148 | .15168 | .01254 | -.03233 | .18015 | .08751 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .03599 | .09394 | .11391 | .09360 | .21023 | .09025 |
| SDev | .00236 | .00168 | .00701 | .00000 | .01352 | .03989 |
| %RSD | 6.5616 | 1.7901 | 6.1511 | .00057 | 6.4306 | 44.196 |
| #1 | .03432 | .09513 | .10896 | .09360 | .21979 | .06204 |
| #2 | .03766 | .09275 | .11887 | .09360 | .20067 | .11845 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: ICSA-F Operator: TCM
Run Time: 04/13/95 13:16:04
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 440.00 | .10745 | .63735 | .01943 | -.00006 | -.00508 | 450.57 |
| SDev | 2.75 | .07608 | .05040 | .00305 | .00000 | .00560 | 4.10 |
| %RSD | .62581 | 70.806 | 7.9074 | 15.713 | 7.6181 | 110.26 | .90917 |
| #1 | 441.95 | .16125 | .60171 | .01727 | -.00005 | -.00905 | 447.67 |
| #2 | 438.05 | .05365 | .67299 | .02158 | -.00006 | -.00112 | 453.46 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | QC Pass |
| Value | 500.00 | | | | | | 500.00 |
| Range | 20.000 | | | | | | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02241 | .00431 | -.00786 | 162.63 | .18900 | 455.01 | -.00282 |
| SDev | .00581 | .00610 | .00444 | .30 | .11368 | .79 | .00265 |
| %RSD | 25.934 | 141.62 | 56.569 | .18529 | 60.152 | .17374 | 94.082 |
| #1 | .01830 | -.00001 | -.01100 | 162.41 | .10861 | 454.45 | -.00094 |
| #2 | .02652 | .00862 | -.00471 | 162.84 | .26938 | 455.57 | -.00470 |
| Errors | NOCHECK | NOCHECK | NOCHECK | QC Pass | NOCHECK | QC Pass | NOCHECK |
| Value | | | | 200.00 | | 500.00 | |
| Range | | | | 20.000 | | 20.000 | |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .03032 | -.67995 | .00073 | -.02225 | .14548 | -.01578 | .03668 |
| SDev | .00358 | .66572 | .16945 | .01155 | .02286 | .26984 | .00280 |
| %RSD | 11.808 | 97.907 | 23084. | 51.928 | 15.713 | 1710.0 | 7.6181 |
| #1 | .03285 | -1.1507 | .12056 | -.01408 | .12931 | -.20658 | .03471 |
| #2 | .02779 | -.20922 | -.11909 | -.03042 | .16164 | .17502 | .03866 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | | |
| Range | | | | | | | |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.04239 | .00000 | -.13194 | .02436 | -.06474 | -.01936 |
| SDev | .00109 | .00000 | .00684 | .00351 | .00319 | .01579 |
| %RSD | 2.5664 | .00000 | 5.1861 | 14.396 | 4.9331 | 81.560 |
| #1 | -.04316 | .00000 | -.13678 | .02188 | -.06248 | -.00820 |
| #2 | -.04162 | .00000 | -.12710 | .02684 | -.06700 | -.03053 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | |
| Range | | | | | | |

Method: SW846-R Sample Name: ICSAB-F Operator: TCM
Run Time: 04/13/95 13:18:21
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 455.61 | -.00230 | .49077 | .47486 | .46436 | .95645 | 467.37 |
| SDev | 1.08 | .07605 | .00354 | .00611 | .00110 | .00377 | .64 |
| %RSD | .23802 | 3301.6 | .72139 | 1.2856 | .23661 | .39410 | .13789 |
| #1 | 454.84 | .05147 | .48826 | .47055 | .46514 | .95911 | 467.82 |
| #2 | 456.37 | -.05608 | .49327 | .47918 | .46358 | .95378 | 466.91 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 500.00 | | | .50000 | .50000 | 1.0000 | 500.00 |
| Range | 20.000 | | | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .46017 | .43338 | .47931 | 167.74 | 1.0810 | 470.70 | .45516 |
| SDev | .00120 | .00305 | .00000 | .57 | .0148 | .88 | .00072 |
| %RSD | .26176 | .70375 | .00000 | .33874 | 1.3656 | .18642 | .15756 |
| #1 | .46102 | .43554 | .47931 | 168.15 | 1.0914 | 471.32 | .45567 |
| #2 | .45932 | .43123 | .47931 | 167.34 | 1.0706 | 470.08 | .45465 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | .50000 | .50000 | .50000 | 200.00 | 1.0000 | 500.00 | .50000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .90010 | -.83687 | -.12889 | .89592 | .08082 | .15552 | .50943 |
| SDev | .00897 | .59175 | .06796 | .00569 | .01524 | .39912 | .00561 |
| %RSD | .99651 | 70.711 | 52.723 | .63478 | 18.856 | 256.64 | 1.1004 |
| #1 | .89376 | -.41843 | -.17694 | .89190 | .09160 | .43774 | .51339 |
| #2 | .90644 | -1.2553 | -.08084 | .89994 | .07005 | -.12670 | .50546 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | NOCHECK | NOCHECK | QC Pass |
| Value | 1.0000 | | | 1.0000 | | | .50000 |
| Range | 20.000 | | | 20.000 | | | 20.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .88180 | .00000 | -.15945 | .02511 | -.12189 | -.02234 |
| SDev | .00604 | .00673 | .02771 | .00011 | .01036 | .04019 |
| %RSD | .68459 | .00000 | 17.379 | .43263 | 8.4986 | 179.88 |
| #1 | .87753 | -.00476 | -.13986 | .02519 | -.12921 | .00608 |
| #2 | .88607 | .00476 | -.17905 | .02503 | -.11456 | -.05077 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | 1.0000 | | | | | |
| Range | 20.000 | | | | | |

Method: SW846-R Sample Name: CCV4 Operator: TCM
Run Time: 04/13/95 13:22:45
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.1931 | 4.6097 | 9.5906 | 2.9355 | .99751 | 2.9500 | 25.664 |
| SDev | .0447 | .0761 | .1275 | .0061 | .00055 | .0130 | .081 |
| %RSD | 1.4013 | 1.6504 | 1.3293 | .20797 | .05537 | .44120 | .31462 |
| #1 | 3.2248 | 4.5560 | 9.5005 | 2.9398 | .99711 | 2.9592 | 25.607 |
| #2 | 3.1615 | 4.6635 | 9.6808 | 2.9312 | .99790 | 2.9408 | 25.721 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8903 | 2.8591 | 2.9576 | 12.016 | 9.3775 | 7.5927 | 1.9531 |
| SDev | .0046 | .0031 | .0022 | .009 | .0000 | .1477 | .0064 |
| %RSD | .15993 | .10675 | .07514 | .07719 | .00031 | 1.9451 | .32691 |
| #1 | 2.8936 | 2.8569 | 2.9560 | 12.022 | 9.3775 | 7.6971 | 1.9486 |
| #2 | 2.8870 | 2.8612 | 2.9591 | 12.009 | 9.3775 | 7.4883 | 1.9576 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9899 | 202.99 | 5.1322 | 2.9012 | 27.450 | 10.715 | 2.8557 |
| SDev | .0054 | .22 | .0331 | .0058 | .232 | .158 | .0009 |
| %RSD | .17942 | .10932 | .64560 | .20025 | .84667 | 1.4719 | .03240 |
| #1 | 2.9936 | 202.84 | 5.1088 | 2.8970 | 27.614 | 10.603 | 2.8551 |
| #2 | 2.9861 | 203.15 | 5.1557 | 2.9053 | 27.285 | 10.826 | 2.8564 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8833 | 2.9253 | 5.0404 | 10.331 | 2.3284 | 2.4257 |
| SDev | .0047 | .0000 | .0210 | .011 | .0205 | .0080 |
| %RSD | .16434 | .00000 | .41679 | .10890 | .88090 | .32870 |
| #1 | 2.8799 | 2.9253 | 5.0552 | 10.339 | 2.3139 | 2.4201 |
| #2 | 2.8866 | 2.9253 | 5.0255 | 10.323 | 2.3429 | 2.4314 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB4 Operator: TCM
Run Time: 04/13/95 13:25:48
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .09475 | .01433 | -.01210 | .00189 | -.00002 | -.00135 | .16159 |
| SDev | .02233 | .03801 | .01141 | .00305 | .00000 | .00372 | .02640 |
| %RSD | 23.568 | 265.30 | 94.296 | 161.72 | 18.707 | 276.11 | 16.336 |
| #1 | .11054 | .04120 | -.02017 | -.00027 | -.00003 | -.00398 | .18026 |
| #2 | .07896 | -.01255 | -.00403 | .00405 | -.00002 | .00128 | .14293 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00375 | -.00141 | -.00157 | .04536 | -.00795 | .10388 | .00157 |
| SDev | .00350 | .00152 | .00000 | .00830 | .01397 | .01738 | .00017 |
| %RSD | 93.158 | 107.97 | .00000 | 18.289 | 175.79 | 16.726 | 10.614 |
| #1 | .00622 | -.00033 | -.00157 | .05122 | -.01782 | .09159 | .00145 |
| #2 | .00128 | -.00249 | -.00157 | .03949 | .00193 | .11617 | .00168 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00353 | .82571 | -.03289 | .00804 | .10143 | -.00051 | .00109 |
| SDev | .01254 | .73969 | .00883 | .01161 | .00762 | .00007 | .00275 |
| %RSD | 354.87 | 89.583 | 26.842 | 144.45 | 7.5128 | 13.071 | 251.99 |
| #1 | -.00533 | 1.3487 | -.03913 | -.00017 | .10681 | -.00056 | .00303 |
| #2 | .01240 | .30266 | -.02664 | H.01625 | .09604 | -.00047 | -.00085 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00783 | -.00494 | .04899 | .01327 | .01368 | .01482 |
| SDev | .00000 | .00505 | .00000 | .00282 | .00008 | .00798 |
| %RSD | .03436 | 102.03 | .00909 | 21.251 | .56565 | 53.848 |
| #1 | -.00783 | -.00138 | .04899 | .01526 | .01363 | .02046 |
| #2 | -.00783 | -.00851 | .04900 | .01128 | .01374 | .00918 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV5 Operator: TCM
Run Time: 04/13/95 14:31:04
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0066 | 5.0964 | 10.228 | 3.0135 | 1.0083 | 3.0536 | 25.452 |
| SDev | .0488 | .0103 | .138 | .0191 | .0123 | .0408 | .318 |
| %RSD | 1.6222 | .20218 | 1.3515 | .63423 | 1.2202 | 1.3376 | 1.2499 |
| #1 | 2.9721 | 5.0891 | 10.131 | 3.0000 | .99956 | 3.0248 | 25.227 |
| #2 | 3.0411 | 5.1037 | 10.326 | 3.0270 | 1.0170 | 3.0825 | 25.677 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0509 | 3.0481 | 3.0081 | 12.657 | 10.235 | 7.5843 | 2.0293 |
| SDev | .0359 | .0326 | .0069 | .138 | .038 | .0458 | .0241 |
| %RSD | 1.1765 | 1.0634 | .22857 | 1.0906 | .36853 | .60432 | 1.1897 |
| #1 | 3.0256 | 3.0450 | 3.0032 | 12.560 | 10.208 | 7.5519 | 2.0123 |
| #2 | 3.0763 | 3.0911 | 3.0130 | 12.755 | 10.262 | 7.6167 | 2.0464 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0196 | 201.05 | 5.0578 | 3.0489 | 27.535 | 9.9597 | 3.0374 |
| SDev | .0130 | 1.33 | .2292 | .0189 | .062 | .2197 | .0117 |
| %RSD | .42917 | .66294 | 4.5322 | .61921 | .22379 | 2.2058 | .38584 |
| #1 | 3.0104 | 200.10 | 5.2198 | 3.0356 | 27.492 | 9.8044 | 3.0291 |
| #2 | 3.0287 | 201.99 | 4.8957 | 3.0623 | 27.579 | 10.115 | 3.0457 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0373 | 3.0297 | 5.0343 | 10.108 | 2.3645 | 2.5894 |
| SDev | .0515 | .0210 | .0764 | .085 | .0339 | .0041 |
| %RSD | 1.6966 | .69239 | 1.5184 | .84525 | 1.4326 | .15994 |
| #1 | 3.0009 | 3.0148 | 4.9803 | 10.048 | 2.3405 | 2.5865 |
| #2 | 3.0738 | 3.0445 | 5.0884 | 10.169 | 2.3884 | 2.5923 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB5 Operator: TCM
Run Time: 04/13/95 14:34:09
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01222 | .01721 | -.07459 | .00423 | -.00000 | .00014 | .02199 |
| SDev | .00698 | .04205 | .01579 | .00000 | .00000 | .00194 | .00927 |
| %RSD | 57.145 | 244.36 | 21.164 | .00000 | 49.311 | 1344.9 | 42.140 |
| #1 | .00728 | -.01253 | -.08575 | .00423 | -.00000 | .00152 | .02854 |
| #2 | .01716 | .04694 | -.06343 | .00423 | -.00000 | -.00123 | .01544 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00041 | -.00264 | -.00452 | .00182 | -.02676 | .00695 | .00048 |
| SDev | .00371 | .00326 | .00000 | .00111 | .03026 | .00000 | .00006 |
| %RSD | 897.40 | 123.59 | .00000 | 60.713 | 113.08 | .00000 | 12.776 |
| #1 | -.00221 | -.00495 | -.00452 | .00260 | -.00536 | .00695 | .00052 |
| #2 | .00304 | -.00033 | -.00452 | .00104 | -.04816 | .00695 | .00043 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00267 | -.48130 | 4.13402 | .00164 | .09029 | -.04907 | -.00016 |
| SDev | .01468 | .81451 | .29791 | .00000 | [illegible] | [illegible] | .00097 |
| %RSD | 550.22 | 169.23 | 222.28 | .13182 | 17.063 | 84.210 | 596.22 |
| #1 | -.01304 | -1.0572 | 4.34468 | .00164 | .10118 | -.01985 | -.00085 |
| #2 | .00771 | .09465 | -.07663 | .00164 | .07939 | -.07829 | .00052 |
| Errors | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00383 | -.00490 | .02893 | .00803 | .00957 | -.00740 |
| SDev | .00503 | .00874 | .02782 | .00413 | .00004 | .04076 |
| %RSD | 131.10 | 178.46 | 96.161 | 51.495 | .44597 | 550.98 |
| #1 | -.00028 | .00128 | .04861 | .01095 | .00960 | .02142 |
| #2 | -.00739 | -.01108 | .00926 | .00511 | .00954 | -.03622 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV6 Operator: TCM
Run Time: 04/13/95 15:22:14
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0195 | 5.0713 | 10.371 | 3.1557 | 1.0239 | 3.0797 | 25.961 |
| SDev | .0527 | .0842 | .184 | .0032 | .0011 | .0156 | .053 |
| %RSD | 1.7446 | 1.6610 | 1.7719 | .10094 | .11043 | .50503 | .20225 |
| #1 | 3.0567 | 5.1308 | 10.501 | 3.1579 | 1.0247 | 3.0907 | 25.924 |
| #2 | 2.9822 | 5.0117 | 10.241 | 3.1534 | 1.0231 | 3.0687 | 25.998 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.1482 | 3.1653 | 3.0612 | 13.186 | 10.518 | 7.6875 | 2.0772 |
| SDev | .0149 | .0000 | .0069 | .031 | .023 | .0183 | .0027 |
| %RSD | .47229 | .00016 | .22460 | .23614 | .21541 | .23848 | .12838 |
| #1 | 3.1377 | 3.1653 | 3.0564 | 13.164 | 10.534 | 7.7005 | 2.0790 |
| #2 | 3.1587 | 3.1653 | 3.0661 | 13.208 | 10.502 | 7.6745 | 2.0753 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.1014 | 205.19 | 4.9758 | 3.0157 | 27.726 | 10.453 | 3.1366 |
| SDev | .0294 | .89 | .3364 | .0063 | .012 | .440 | .0068 |
| %RSD | .94658 | .43303 | 6.7617 | .20930 | .04167 | 4.2119 | .21808 |
| #1 | 3.1222 | 204.57 | 5.2137 | 3.0202 | 27.717 | 10.142 | 3.1318 |
| #2 | 3.0807 | 205.82 | 4.7379 | 3.0112 | 27.734 | 10.764 | 3.1415 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0554 | 3.1520 | 5.0248 | 10.450 | 02.5319 | 2.6518 |
| SDev | .0063 | .0192 | .0209 | .001 | .0140 | .0163 |
| %RSD | .20584 | .61005 | .41498 | .01312 | .55100 | .61523 |
| #1 | 3.0510 | 3.1384 | 5.0101 | 10.451 | 02.5418 | 2.6403 |
| #2 | 3.0599 | 3.1656 | 5.0395 | 10.449 | 2.5221 | 2.6634 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Fail | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB6 Operator: TCM
Run Time: 04/13/95 15:24:16
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00725 | .01716 | .00530 | .00423 | -.00040 | -.00260 | .07331 |
| SDev | .01396 | .04208 | .01795 | .00000 | .00056 | .00194 | .00154 |
| %RSD | 192.58 | 245.21 | 338.97 | .00000 | 140.72 | 74.814 | 2.1065 |
| #1 | .01712 | .04491 | -.00740 | .00423 | -.00080 | -.00122 | .07222 |
| #2 | -.00262 | -.01259 | .01799 | .00423 | -.00000 | -.00397 | .07440 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00827 | .00544 | -.00128 | .06556 | .01067 | .01991 | .00142 |
| SDev | .00002 | .00163 | .00458 | .00445 | .00758 | .01833 | .00033 |
| %RSD | .19887 | 30.025 | 358.66 | 6.7938 | 71.058 | 92.075 | 23.319 |
| #1 | .00829 | .00428 | -.00452 | .06871 | .00531 | .03288 | .00165 |
| #2 | .00826 | .00659 | .00196 | .06241 | .01603 | .00695 | .00118 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00267 | -.16715 | H.17953 | -.00283 | .10390 | -.01028 | .00053 |
| SDev | .00000 | .96260 | .37506 | .00634 | .05777 | .06889 | .00196 |
| %RSD | .10939 | 575.90 | 208.92 | 224.32 | 55.600 | 670.33 | 373.71 |
| #1 | -.00267 | .51352 | -.08568 | .00166 | .06305 | -.05899 | .00191 |
| #2 | -.00267 | -.84781 | H.44473 | -.00731 | .14475 | .03844 | -.00086 |
| Errors | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00651 | -.00119 | .02890 | .00706 | .01194 | .00416 |
| SDev | .00126 | .00699 | .00000 | .00275 | .01712 | .00815 |
| %RSD | 19.307 | 587.93 | .00828 | 39.005 | 143.40 | 195.75 |
| #1 | -.00562 | .00375 | .02890 | .00901 | .02405 | -.00160 |
| #2 | -.00740 | -.00613 | .02890 | .00511 | -.00017 | .00992 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: PBS #2 Operator: TCM
Run Time: 04/13/95 15:27:25
Comment: DT DIGESTED 4/10/95
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00991 | -.05204 | -.03371 | .00000 | -.00000 | .00412 | -.00109 |
| SDev | .01396 | .05261 | .01374 | .00000 | .00056 | .00000 | .00618 |
| %RSD | 140.90 | 101.09 | 40.777 | .00000 | 6587800. | .00548 | 565.69 |
| #1 | .00004 | I-.08924 | -.04342 | .00000 | -.00039 | .00412 | .00328 |
| #2 | .01978 | -.01484 | -.02399 | .00000 | .00039 | .00412 | -.00546 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00349 | -.00808 | .00162 | -.01180 | -.01069 | -.00648 | -.00096 |
| SDev | .00245 | .00326 | .00229 | .00557 | .03777 | .02750 | .00013 |
| %RSD | 70.239 | 40.422 | 141.42 | 47.204 | 353.23 | 424.26 | 13.046 |
| #1 | -.00176 | -.01038 | .00000 | -.00786 | I-.03740 | -.02593 | -.00087 |
| #2 | -.00522 | -.00577 | .00324 | -.01573 | .01601 | .01296 | -.00105 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.02076 | .78538 | I-.29705 | -.00896 | -.00817 | -.04864 | .00001 |
| SDev | .02203 | .29618 | .04929 | .00634 | .00770 | .00005 | .00197 |
| %RSD | 106.14 | 37.712 | 16.595 | 70.735 | 94.281 | .09459 | 36196. |
| #1 | -.03634 | .99481 | I-.33190 | I-.01344 | -.01362 | -.04861 | -.00139 |
| #2 | -.00518 | .57595 | I-.26219 | -.00448 | -.00272 | -.04867 | .00140 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00445 | -.00124 | .00001 | -.00682 | -.02426 | .02017 |
| SDev | .00251 | .00175 | .00000 | .00138 | .01034 | .02038 |
| %RSD | 56.542 | 141.42 | 47.210 | 20.212 | 42.607 | 101.06 |
| #1 | .00267 | .00000 | .00000 | -.00584 | -.01495 | .03458 |
| #2 | .00622 | -.00247 | .00001 | -.00779 | -.03157 | .00576 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: LCSS #2 Operator: TCM
Run Time: 04/13/95 15:30:48
Comment: DT DIGESTED 4/10/95
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 42.506 | 1.2943 | 3.7540 | 1.0429 | .34972 | .46876 | 30.137 |
| SDev | .194 | .0316 | .1568 | .0032 | .00222 | .00783 | .103 |
| %RSD | .46078 | 2.4449 | 4.1757 | .30545 | .63572 | 1.6704 | .34332 |
| #1 | 42.645 | 1.2720 | 3.8648 | 1.0451 | .35129 | .47430 | 30.210 |
| #2 | 42.368 | 1.3167 | 3.6431 | 1.0406 | .34815 | .46323 | 30.063 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.2373 | 2.0489 | .87996 | 90.468 | .42957 | 29.661 | 1.7634 |
| SDev | .0161 | .0049 | .00229 | .580 | .06028 | .183 | .0122 |
| %RSD | 1.3042 | .23868 | .26044 | .64104 | 14.032 | .61810 | .69164 |
| #1 | 1.2487 | 2.0524 | .88158 | 90.878 | .47220 | 29.791 | 1.7720 |
| #2 | 1.2259 | 2.0455 | .87834 | 90.058 | .38695 | 29.531 | 1.7548 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .98336 | 31.049 | 1.5262 | .27377 | 11.969 | .46271 | .48237 |
| SDev | .01102 | .740 | .1004 | .00014 | [illegible] | [illegible] | .01086 |
| %RSD | 1.1202 | 2.3848 | 6.5783 | .05013 | .51484 | .28793 | 2.2522 |
| #1 | .99115 | 31.572 | 1.4552 | .27386 | 12.012 | .46177 | .49005 |
| #2 | .97557 | 30.525 | 1.5972 | .27367 | 11.925 | .46366 | .47469 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .93430 | .67366 | -.03384 | 2.4026 | 3.5530 | -.00331 |
| SDev | .00007 | .01573 | .02118 | .0055 | .0374 | .04860 |
| %RSD | .00771 | 2.3354 | 62.583 | .22988 | 1.0521 | 1467.3 |
| #1 | .93425 | .68479 | -.04882 | 2.4065 | 3.5795 | -.03767 |
| #2 | .93435 | .66254 | -.01887 | 2.3987 | 3.5266 | .03105 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351501 Operator: TCM
Run Time: 04/13/95 15:34:52
Comment: LAB # 9521613
Mode: CONC Corr. Factor: 1

BBFB03 WATER

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01484 | .00003 | -.00994 | -.00450 | -.00000 | -.00275 | -.03276 |
| SDev | .00700 | .04207 | .01195 | .00000 | .00056 | .00194 | .00154 |
| %RSD | 47.165 | 142830. | 120.25 | .00000 | 25620. | 70.617 | 4.7140 |
| #1 | .01978 | .02978 | -.01838 | -.00450 | .00039 | -.00412 | -.03167 |
| #2 | .00989 | -.02972 | -.00149 | -.00450 | -.00040 | -.00138 | -.03385 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00435 | -.00346 | .00000 | .01812 | -.01606 | -.01945 | -.00104 |
| SDev | .00123 | .00326 | .00000 | .03672 | .03024 | .02750 | .00001 |
| %RSD | 28.361 | 94.309 | .00000 | 202.69 | 188.33 | 141.42 | 1.3744 |
| #1 | -.00348 | -.00115 | .00000 | .04408 | .00532 | .00000 | -.00103 |
| #2 | -.00522 | -.00577 | .00000 | -.00785 | -.03744 | -.03889 | -.00105 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01298 | 1.3090 | -.19397 | -.00895 | .00272 | .01942 | .00140 |
| SDev | .00368 | .4443 | .01927 | .00633 | .03081 | .12398 | .00000 |
| %RSD | 28.321 | 33.941 | 9.9338 | 70.687 | 1131.4 | 638.43 | .29521 |
| #1 | -.01038 | 1.6231 | -.20740 | -.01343 | .02451 | -.04825 | .00140 |
| #2 | -.01558 | .99481 | -.18035 | -.00448 | -.01906 | .10708 | .00140 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00089 | -.00618 | -.01477 | -.00585 | -.01457 | -.02304 |
| SDev | .00251 | .00524 | .00698 | .00000 | .00345 | .00817 |
| %RSD | 282.15 | 84.853 | 47.243 | .00036 | 23.664 | 35.457 |
| #1 | .00088 | -.00247 | -.01970 | -.00585 | -.01701 | -.01727 |
| #2 | -.00266 | -.00989 | -.00983 | -.00585 | -.01213 | -.02882 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351502 Operator: TCM
Run Time: 04/13/95 15:39:20
Comment: LAB # 9521613
Mode: CONC Corr. Factor: 1

BBRB03 WATER

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01937 | .01260 | .00196 | -.00027 | -.00042 | -.00398 | .02893 |
| SDev | .00316 | .03557 | .00371 | .00000 | .00054 | .00000 | .00000 |
| %RSD | 16.323 | 282.33 | 189.63 | .00000 | 127.90 | .00159 | .00000 |
| #1 | .01713 | .03775 | .00459 | -.00027 | -.00004 | -.00398 | .02893 |
| #2 | .02160 | -.01255 | -.00067 | -.00027 | -.00081 | -.00398 | .02893 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00441 | .00170 | -.00172 | .00623 | -.01448 | -.00672 | -.00072 |
| SDev | .00448 | .00288 | .00438 | .00392 | .04543 | .01733 | .00027 |
| %RSD | 101.39 | 169.17 | 255.08 | 62.892 | 313.77 | 257.88 | 37.849 |
| #1 | .00758 | -.00033 | .00138 | .00346 | .01765 | .00554 | -.00091 |
| #2 | .00125 | .00374 | -.00481 | .00900 | -.04661 | -.01898 | -.00052 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01423 | .40798 | -.04154 | -.00418 | .11334 | -.06462 | -.00148 |
| SDev | .01258 | .14801 | .03071 | .00569 | .01127 | .12105 | .00433 |
| %RSD | 88.453 | 36.279 | 73.936 | 136.23 | 9.9443 | 187.32 | 292.67 |
| #1 | -.00533 | .30332 | -.04326 | -.00821 | .12131 | .02097 | .00158 |
| #2 | -.02312 | .51264 | -.01982 | -.00015 | .10537 | -.15021 | -.00454 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01133 | -.00260 | .01469 | -.00066 | -.00255 | -.01369 |
| SDev | .00449 | .00167 | .00710 | .00286 | .00012 | .00778 |
| %RSD | 39.582 | 64.239 | 48.357 | 431.35 | 4.6664 | 56.804 |
| #1 | -.00816 | -.00142 | .01971 | .00136 | -.00264 | -.01919 |
| #2 | -.01450 | -.00378 | .00967 | -.00268 | -.00247 | -.00819 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351503 Operator: TCM
Run Time: 04/13/95 15:42:52
Comment: LAB # 9521613 BBSS10 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 65.260 | .30386 | .18129 | 52.370 | .00306 | .12106 | 27.462 |
| SDev | .349 | .10676 | .05960 | .236 | .00055 | .00334 | .144 |
| %RSD | .53530 | 35.136 | 32.878 | .45002 | 17.993 | 2.7625 | .52319 |
| #1 | 65.013 | .22837 | .13915 | 52.203 | .00345 | .12343 | 27.360 |
| #2 | 65.507 | .37935 | .22344 | 52.536 | .00267 | .11870 | 27.563 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.7395 | .33719 | 14.867 | H509.87 | 13.971 | 11.356 | 3.0398 |
| SDev | .0022 | .00576 | .079 | 2.92 | .208 | .087 | .0260 |
| %RSD | .12871 | 1.7088 | .52995 | .57227 | 1.4854 | .76324 | .85531 |
| #1 | 1.7379 | .34126 | 14.811 | H507.81 | 13.824 | 11.417 | 3.0214 |
| #2 | 1.7411 | .33311 | 14.923 | H511.94 | 14.118 | 11.295 | 3.0582 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.4852 | 3.0768 | L-.52101 | L-.06753 | 1.4469 | L-.62919 | .24594 |
| SDev | .0095 | 1.2581 | .00638 | .00627 | .0488 | .15660 | .00227 |
| %RSD | .38066 | 40.890 | 1.2241 | 9.2805 | 3.3754 | 24.890 | .92392 |
| #1 | 2.4786 | 3.9664 | L-.52552 | L-.07194 | 1.4124 | L-.51846 | .24433 |
| #2 | 2.4919 | 2.1872 | L-.51650 | L-.06310 | 1.4814 | L-.73993 | .24755 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mh2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 26.824 | .25329 | L-.20900 | 1.2095 | 4.5564 | 1.0638 |
| SDev | .231 | .00667 | .02287 | .0072 | .0849 | .0016 |
| %RSD | .85935 | 2.6336 | 10.943 | .59292 | 1.8633 | .14806 |
| #1 | 26.661 | .25801 | L-.19282 | 1.2044 | 4.4964 | 1.0627 |
| #2 | 26.987 | .24857 | L-.22517 | 1.2145 | 4.6165 | 1.0649 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351504 Operator: TCM
Run Time: 04/13/95 15:45:48
Comment: LAB # 9521613 (DUP OF 03) BBSS10D SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 76.408 | .32598 | .08971 | 19.524 | .00419 | .16041 | 37.924 |
| SDev | .453 | .00015 | .06422 | .116 | .00002 | .00156 | .431 |
| %RSD | .59317 | .04596 | 71.584 | .59609 | .40439 | .97390 | 1.1366 |
| #1 | 76.728 | .32588 | .13513 | 19.606 | .00418 | .15930 | 38.228 |
| #2 | 76.087 | .32609 | .04430 | 19.442 | .00420 | .16151 | 37.619 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.2224 | .31564 | 15.386 | H394.54 | 17.921 | 15.536 | 2.8812 |
| SDev | .0256 | .01007 | .112 | 2.69 | .078 | .277 | .0237 |
| %RSD | 1.1528 | 3.1913 | .72547 | .68083 | .43265 | 1.7853 | .82142 |
| #1 | 2.2405 | .32276 | 15.465 | H396.44 | 17.976 | 15.732 | 2.8979 |
| #2 | 2.2043 | .30851 | 15.307 | H392.64 | 17.866 | 15.340 | 2.8644 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.1477 | 3.2338 | -.04853 | L-.05320 | 1.8959 | L-.78009 | .27004 |
| SDev | .0106 | 1.0361 | .25843 | .00054 | .0451 | .01547 | .01085 |
| %RSD | .49263 | 32.039 | 532.50 | 1.0142 | 2.3780 | 8.4178 | 4.0181 |
| #1 | 2.1402 | 3.9664 | L-.23127 | L-.05282 | 1.9277 | L-.82653 | .27771 |
| #2 | 2.1552 | 2.5012 | .13421 | L-.05358 | 1.8640 | L-.73366 | .26237 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 11.689 | .26626 | -.02653 | 1.7034 | 3.8516 | 1.4275 |
| SDev | .094 | .01147 | .02275 | .0172 | .0526 | .0753 |
| %RSD | .80257 | 4.3842 | 85.746 | 1.0110 | 1.3660 | 5.2751 |
| #1 | 11.755 | .27452 | -.04261 | 1.7155 | 3.8888 | 1.4807 |
| #2 | 11.622 | .25801 | -.01044 | 1.6912 | 3.8144 | 1.3742 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

000109

Method: SW846-R Sample Name: 351505 Operator: TCM
Run Time: 04/13/95 15:49:08
Comment: LAB # 9521613 (SPK DF 03)
Mode: CONC Corr. Factor: 1

BBSS105 SOIL

| Elem | Al | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 78.098 | .53036 | .45418 | 11.348 | .05541 | .17501 | 32.811 |
| SDev | .374 | .07122 | .00040 | .093 | .00000 | .00173 | .103 |
| %RSD | .47874 | 13.428 | .08738 | .82045 | .00203 | .98669 | .31414 |
| #1 | 77.833 | .58071 | .45390 | 11.282 | .05541 | .17623 | 32.884 |
| #2 | 78.362 | .48000 | .45446 | 11.414 | .05541 | .17379 | 32.738 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.8313 | .84738 | 21.672 | H381.06 | 15.223 | 13.985 | 3.5191 |
| SDev | .0044 | .00432 | .125 | .83 | .098 | .009 | .0067 |
| %RSD | .24212 | .51007 | .57563 | .21828 | .64197 | .06197 | .19120 |
| #1 | 1.8281 | .85043 | 21.584 | H380.47 | 15.292 | 13.992 | 3.5144 |
| #2 | 1.8344 | .84432 | 21.760 | H381.65 | 15.154 | 13.979 | 3.5239 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 17.603 | 3.5478 | I-.12254 | .04210 | 1.8852 | .13453 | .70930 |
| SDev | .059 | .2960 | .12719 | .00016 | .0225 | .05929 | .00072 |
| %RSD | .33649 | 8.3439 | 103.79 | .37317 | 1.1957 | 44.070 | .10182 |
| #1 | 17.561 | 3.7571 | -.03260 | .04199 | 1.9012 | .09261 | .70981 |
| #2 | 17.645 | 3.3384 | I-.21247 | .04221 | 1.8693 | .17645 | .70879 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 11.434 | .74384 | .36234 | 1.8269 | 6.7072 | 1.7693 |
| SDev | .020 | .00333 | .00755 | .0071 | .0495 | .0229 |
| %RSD | .17725 | .44838 | 2.0832 | .39021 | .73816 | 1.2928 |
| #1 | 11.448 | .74620 | .36767 | 1.8219 | 6.6722 | 1.7855 |
| #2 | 11.419 | .74148 | .35700 | 1.8320 | 6.7422 | 1.7532 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351503I. Operator: TCM
Run Time: 04/13/95 15:56:06
Comment: LAB # 9521613 BBSS10L SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 13.329 | .06058 | -.00175 | 10.789 | .00065 | .02292 | 5.9788 |
| SDev | .153 | .03562 | .01893 | .041 | .00001 | .00908 | .0469 |
| %RSD | 1.1489 | 58.807 | 1079.3 | .37757 | .86066 | 39.603 | .78362 |
| #1 | 13.220 | .08577 | -.01514 | 10.760 | .00065 | .01650 | 5.9457 |
| #2 | 13.437 | .03539 | .01163 | 10.817 | .00064 | .02934 | 6.0120 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .38556 | .07184 | 3.0640 | 114.48 | 3.0331 | 2.4203 | .64994 |
| SDev | .00558 | .00432 | .0241 | .64 | .0063 | .0520 | .00258 |
| %RSD | 1.4472 | 6.0114 | .78572 | .56167 | .20907 | 2.1487 | .39708 |
| #1 | .38162 | .06879 | 3.0470 | 114.03 | 3.0287 | 2.3835 | .64811 |
| #2 | .38951 | .07490 | 3.0810 | 114.94 | 3.0376 | 2.4571 | .65176 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .51972 | 1.3499 | .12182 | I-.03461 | .41087 | I-.37612 | .05639 |
| SDev | .03237 | .0000 | .20359 | .01154 | .01878 | .00121 | .00358 |
| %RSD | 6.2280 | .00000 | 167.12 | 33.344 | 4.5719 | .32203 | 6.3423 |
| #1 | .49483 | 1.3499 | -.02214 | I-.04277 | .42415 | I-.37527 | .05386 |
| #2 | .54261 | 1.3499 | .26579 | I-.02645 | .39758 | I-.37698 | .05892 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 5.7280 | .04575 | -.04179 | .24790 | .92783 | .20196 |
| SDev | .0179 | .00000 | .00035 | .00144 | .02110 | .01589 |
| %RSD | .31170 | .00000 | .82666 | .57932 | 2.2747 | 7.8702 |
| #1 | 5.7154 | .04575 | -.04154 | .24488 | .91290 | .19072 |
| #2 | 5.7407 | .04575 | -.04203 | .24892 | .94275 | .21320 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351503A X5 Operator: TCM
Run Time: 04/13/95 15:58:58
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 17.029 | 1.0408 | 1.0320 | 14.842 | .10913 | .12136 | 6.1290 |
| SDev | .064 | .0001 | .0282 | .017 | .00109 | .00364 | .0968 |
| %RSD | .37857 | .00484 | 2.7345 | .11763 | .99640 | 2.9993 | 1.5798 |
| #1 | 17.074 | 1.0408 | 1.0120 | 14.854 | .10836 | .11878 | 6.0605 |
| #2 | 16.983 | 1.0408 | 1.0520 | 14.829 | .10990 | .12393 | 6.1975 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .78225 | 1.0901 | 3.5685 | 116.70 | 3.9749 | 2.3958 | 1.7577 |
| SDev | .00892 | .0072 | .0109 | .36 | .1169 | .0000 | .0100 |
| %RSD | 1.1408 | .66031 | .30665 | .30890 | 2.9414 | .00000 | .56640 |
| #1 | .77594 | 1.0850 | 3.5762 | 116.44 | 3.8922 | 2.3958 | 1.7507 |
| #2 | .78856 | 1.0952 | 3.5608 | 116.95 | 4.0575 | 2.3958 | 1.7648 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.6066 | .09401 | .14138 | (-.02777 | .32586 | 1.0743 | 1.0322 |
| SDev | .0073 | .74005 | .29799 | .00579 | .01878 | .1203 | .0053 |
| %RSD | .45130 | 787.24 | 210.78 | 20.833 | 5.7646 | 11.201 | .50872 |
| #1 | 1.6015 | -.42929 | -.06934 | (-.03186 | .33914 | .98918 | 1.0285 |
| #2 | 1.6117 | .61730 | .35209 | (-.02368 | .31257 | 1.1594 | 1.0359 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.7365 | 1.1294 | 1.0517 | 1.3728 | 2.1918 | 1.3465 |
| SDev | .0313 | .0083 | .0282 | .0057 | .0565 | .0779 |
| %RSD | .46524 | .73826 | 2.6825 | .41754 | 2.5786 | 5.7880 |
| #1 | 6.7143 | 1.1235 | 1.0317 | 1.3688 | 2.1518 | 1.2914 |
| #2 | 6.7586 | 1.1353 | 1.0716 | 1.3769 | 2.2317 | 1.4016 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351503 X4 Operator: TCM
Run Time: 04/13/95 16:02:21
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 16.997 | .09146 | -.02230 | 13.722 | .00063 | .03073 | 7.5767 |
| SDev | .015 | .00890 | .01093 | .047 | .00000 | .00181 | .0109 |
| %RSD | .09019 | 9.7274 | 48.992 | .33925 | .21935 | 5.8992 | .14428 |
| #1 | 16.986 | .08517 | -.03003 | 13.689 | .00063 | .03201 | 7.5690 |
| #2 | 17.008 | .09775 | -.01458 | 13.755 | .00063 | .02944 | 7.5845 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .47748 | .09422 | 3.8811 | 144.47 | 3.8614 | 3.0638 | .82758 |
| SDev | .00001 | .00144 | .0066 | .11 | .0000 | .0433 | .00043 |
| %RSD | .00156 | 1.5286 | .16918 | .07575 | .00053 | 1.4145 | .05184 |
| #1 | .47749 | .09524 | 3.8765 | 144.55 | 3.8614 | 3.0332 | .82727 |
| #2 | .47748 | .09320 | 3.8857 | 144.40 | 3.8614 | 3.0945 | .82788 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .67409 | 2.0302 | .07359 | L-.02079 | .47993 | L-.38663 | .06729 |
| SDev | .02696 | 1.2581 | .00243 | .00002 | .03301 | .03050 | .00089 |
| %RSD | 3.9996 | 61.969 | 3.3041 | .11096 | 7.0451 | 7.8886 | 1.3191 |
| #1 | .65503 | 1.1406 | .07530 | L-.02077 | .50384 | L-.40820 | .06791 |
| #2 | .69316 | 2.9198 | .07187 | L-.02080 | .45603 | L-.36507 | .06666 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 7.2824 | .06698 | -.04785 | .31992 | 1.2118 | .30059 |
| SDev | .0090 | .00333 | .00006 | .00286 | .0000 | .05436 |
| %RSD | .12322 | 4.9798 | .12285 | .89425 | .00053 | 18.085 |
| #1 | 7.2760 | .06462 | -.04790 | .31789 | 1.2118 | .24215 |
| #2 | 7.2887 | .06934 | -.04781 | .32194 | 1.2118 | .33903 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV7 Operator: TCM
Run Time: 04/13/95 16:04:24
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9974 | 4.9644 | 9.9973 | 3.0000 | 1.00000 | 2.9843 | 25.011 |
| SDev | .0113 | .0100 | .1172 | .0367 | .005909 | .0167 | .023 |
| %RSD | .37783 | .20231 | 1.1726 | 1.2228 | .59095 | .55872 | .09165 |
| #1 | 2.9894 | 4.9715 | 9.9144 | 3.0259 | 1.0042 | 2.9961 | 24.995 |
| #2 | 3.0054 | 4.9573 | 10.080 | 2.9741 | .99582 | 2.9725 | 25.027 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0156 | 3.0107 | 3.0032 | 12.443 | 10.054 | 7.5000 | 2.0007 |
| SDev | .0061 | .0090 | .0227 | .082 | .042 | .0000 | .0096 |
| %RSD | .20098 | .30032 | .75499 | .66113 | .41775 | .00000 | .47937 |
| #1 | 3.0199 | 3.0170 | 3.0192 | 12.501 | 10.025 | 7.5000 | 2.0075 |
| #2 | 3.0113 | 3.0043 | 2.9872 | 12.384 | 10.084 | 7.5000 | 1.9939 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0385 | 201.20 | 4.9532 | 3.0091 | 27.412 | 10.091 | 3.0026 |
| SDev | .0404 | 1.40 | .0833 | .0001 | .249 | .180 | .0316 |
| %RSD | 1.3301 | .69491 | 1.6814 | .00309 | .90706 | 1.7842 | 1.0540 |
| #1 | 3.0100 | 202.19 | 5.0121 | 3.0092 | 27.588 | 9.9431 | 3.0250 |
| #2 | 3.0671 | 200.21 | 4.8943 | 3.0090 | 27.236 | 10.218 | 2.9802 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0171 | 3.0104 | 4.9758 | 10.031 | 2.2975 | 2.5416 |
| SDev | .0085 | .0082 | .0342 | .039 | .0074 | .0257 |
| %RSD | .28025 | .27075 | .68732 | .38915 | .32058 | 1.0107 |
| #1 | 3.0111 | 3.0046 | 5.0000 | 10.059 | 2.2923 | 2.5234 |
| #2 | 3.0231 | 3.0161 | 4.9516 | 10.004 | 2.3027 | 2.5597 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB7 Operator: TCM
Run Time: 04/13/95 16:07:24
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00701 | -.04099 | -.02965 | .01054 | .00033 | -.00397 | .03412 |
| SDev | .00703 | .04021 | .04815 | .00306 | .00054 | .00000 | .01146 |
| %RSD | 100.30 | 98.090 | 162.36 | 29.012 | 164.78 | .05827 | 33.593 |
| #1 | -.00204 | L-.06942 | -.06370 | .01270 | .00071 | -.00397 | .04222 |
| #2 | -.01199 | -.01256 | .00439 | .00838 | -.00005 | -.00398 | .02601 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00703 | .00180 | .00022 | .06123 | -.00291 | .02474 | .00096 |
| SDev | .00582 | .00301 | .00227 | .02187 | .00700 | .02650 | .00069 |
| %RSD | 82.721 | 167.60 | 1022.4 | 35.715 | 240.25 | 107.12 | 72.067 |
| #1 | H.01115 | .00393 | .00183 | .07669 | -.00786 | .04347 | .00144 |
| #2 | .00292 | -.00033 | -.00138 | .04577 | .00204 | .00600 | .00047 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00537 | 1.3363 | L-.12032 | .00834 | .13011 | -.03678 | .00111 |
| SDev | .01054 | .0000 | .09594 | .00640 | .01943 | .07695 | .00278 |
| %RSD | 196.45 | .00000 | 79.738 | 76.821 | 14.930 | 209.24 | 249.84 |
| #1 | .00209 | 1.3363 | L-.18816 | H.01286 | .11637 | -.09119 | .00308 |
| #2 | -.01282 | 1.3363 | -.05248 | .00381 | .14384 | .01764 | -.00085 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00004 | -.00037 | .01861 | .00652 | -.02380 | -.02206 |
| SDev | .00121 | .00489 | .01369 | .00260 | .01010 | .00367 |
| %RSD | 3268.8 | 1320.6 | 73.541 | 39.939 | 42.455 | 16.617 |
| #1 | .00089 | .00309 | .02829 | .00836 | -.03095 | -.02465 |
| #2 | -.00082 | -.00383 | .00893 | .00468 | -.01666 | -.01947 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 3515040 X4 Operator: TCM
Run Time: 04/13/95 16:13:33
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 22.555 | .13820 | .04632 | 5.2094 | .00103 | .04705 | 9.3593 |
| SDev | .103 | .08028 | .05668 | .0153 | .00001 | .00378 | .0673 |
| %RSD | .45593 | 58.089 | 122.36 | .29340 | .86472 | 8.0359 | .71943 |
| #1 | 22.628 | .19497 | .00624 | 5.2202 | .00103 | .04973 | 9.4069 |
| #2 | 22.482 | .08143 | .08641 | 5.1986 | .00104 | .04438 | 9.3117 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .61616 | .08825 | 4.0467 | 115.19 | 5.2053 | 4.1842 | .77209 |
| SDev | .01164 | .00753 | .0204 | .86 | .1115 | .0265 | .00726 |
| %RSD | 1.8890 | 8.5351 | .50427 | .74778 | 2.1421 | .63323 | .94069 |
| #1 | .62439 | .09358 | 4.0612 | 115.80 | 5.2841 | 4.2029 | .77723 |
| #2 | .60793 | .08293 | 4.0323 | 114.58 | 5.1264 | 4.1654 | .76696 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .59577 | .15610 | -.00106 | L-.01398 | .48625 | L-.25652 | .07471 |
| SDev | .00694 | .51511 | .16156 | .00621 | .03108 | .02729 | .00572 |
| %RSD | 1.1654 | 329.98 | 15212. | 44.459 | 6.3919 | 10.638 | 7.6558 |
| #1 | .59086 | .52033 | L-.11530 | L-.01837 | .50822 | L-.27582 | .07875 |
| #2 | .60068 | -.20813 | .11318 | -.00958 | .46427 | L-.23723 | .07066 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.3453 | .06801 | -.03282 | .39622 | .94291 | .40516 |
| SDev | .0398 | .00000 | .01416 | .00391 | .00354 | .04732 |
| %RSD | 1.1906 | .00000 | 43.139 | .98756 | .37599 | 11.680 |
| #1 | 3.3735 | .06801 | -.04284 | .39898 | .94041 | .37169 |
| #2 | 3.3171 | .06801 | -.02281 | .39345 | .94542 | .43862 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351506 Operator: TCM
Run Time: 04/13/95 16:16:12
Comment: LAB # 9521613 BBSS11 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 62.229 | 4.2772 | 1.3129 | 15.371 | .00366 | .14098 | 41.699 |
| SDev | .671 | .0801 | .0037 | .110 | .00001 | .01187 | .941 |
| %RSD | 1.0782 | 1.8724 | .28277 | .71596 | .14215 | 8.4194 | 2.2572 |
| #1 | 61.754 | 4.2205 | 1.3103 | 15.293 | .00367 | .13258 | 41.033 |
| #2 | 62.703 | 4.3338 | 1.3155 | 15.449 | .00366 | .14937 | 42.364 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.9872 | .17092 | 24.183 | H431.16 | 227.32 | 12.390 | 2.0332 |
| SDev | .0418 | .00149 | .227 | 8.41 | 5.17 | .185 | .0482 |
| %RSD | 2.1012 | .87356 | .93762 | 1.9512 | 2.2734 | 1.4969 | 2.3685 |
| #1 | 1.9577 | .16987 | 24.022 | H425.21 | 223.67 | 12.259 | 1.9991 |
| #2 | 2.0168 | .17198 | 24.343 | H437.10 | 230.98 | 12.521 | 2.0672 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .86663 | 3.2261 | .12323 | L-.02075 | 2.6318 | L-.70541 | .35293 |
| SDev | .01429 | .8830 | .09863 | .01440 | .0505 | .00227 | .00333 |
| %RSD | 1.6490 | 27.372 | 80.035 | 69.395 | 1.9191 | .33550 | .94495 |
| #1 | .85652 | 3.8505 | .05349 | L-.03093 | 2.5961 | L-.70373 | .35058 |
| #2 | .87673 | 2.6017 | .19298 | L-.01057 | 2.6675 | L-.70708 | .35529 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | H147.28 | .39882 | .03958 | 2.8731 | 4.2909 | 1.4878 |
| SDev | 2.65 | .00489 | .02288 | .0535 | .0729 | .0192 |
| %RSD | 1.7976 | 1.2262 | 57.798 | 1.8623 | 1.6993 | 1.2930 |
| #1 | H145.41 | .39536 | .02340 | 2.8353 | 4.2394 | 1.4742 |
| #2 | H149.15 | .40228 | .05575 | 2.9109 | 4.3425 | 1.5014 |
| Errors | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351506 X5 Operator: TCM
Run Time: 04/13/95 16:20:07
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 12.681 | .89935 | .26513 | 3.0889 | .00027 | .03723 | 8.7940 |
| SDev | .014 | .03011 | .00372 | .0061 | .00001 | .00370 | .0559 |
| %RSD | .11273 | 3.3479 | 1.4034 | .19793 | 2.7061 | 9.9443 | .63535 |
| #1 | 12.671 | .87804 | .26250 | 3.0932 | .00026 | .03461 | 8.7545 |
| #2 | 12.691 | .92064 | .26776 | 3.0846 | .00027 | .03985 | 8.8335 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .41616 | .04649 | 4.9334 | 93.492 | 48.211 | 2.6167 | .42603 |
| SDev | .00228 | .00904 | .0227 | .020 | .460 | .0177 | .00199 |
| %RSD | .54767 | 21.282 | .45961 | .02117 | .95490 | .67504 | .46643 |
| #1 | .41455 | .03610 | 4.9173 | 93.506 | 47.886 | 2.6042 | .42463 |
| #2 | .41777 | .04889 | 4.9494 | 93.478 | 48.537 | 2.6291 | .42744 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .16154 | .46830 | -.06645 | -.00909 | .56317 | -.01309 | .07308 |
| SDev | .00216 | .66228 | .09385 | .00641 | .04662 | .06387 | .00466 |
| %RSD | 1.3395 | 141.42 | 141.24 | 70.526 | 8.2783 | 488.04 | 6.3798 |
| #1 | .16001 | .00000 | -.00009 | -.00455 | .53020 | .03207 | .07638 |
| #2 | .16307 | .93660 | I-.13281 | I-.01362 | .59613 | -.05825 | .06978 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 31.671 | .09106 | -.00664 | .58205 | .87776 | .39608 |
| SDev | .196 | .00652 | .00686 | .00131 | .01342 | .04412 |
| %RSD | .61888 | 7.1606 | 103.32 | .22511 | 1.5289 | 11.139 |
| #1 | 31.532 | .08645 | -.01149 | .58113 | .86827 | .42728 |
| #2 | 31.809 | .09567 | -.00179 | .58298 | .88725 | .36489 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351507 Operator: TCM
Run Time: 04/13/95 16:24:32 BBSS12
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 51.539 | .92911 | 1.1649 | 35.733 | .00322 | .52714 | 89.661 |
| SDev | .177 | .04983 | .0465 | .238 | .00001 | .00409 | .752 |
| %RSD | .34404 | 5.3637 | 3.9939 | .66729 | .39264 | .77488 | .83886 |
| #1 | 51.414 | .89387 | 1.1320 | 35.564 | .00323 | .52425 | 89.130 |
| #2 | 51.665 | .96434 | 1.1978 | 35.902 | .00321 | .53002 | 90.193 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.9066 | .58492 | 13.165 | H530.77 | 116.40 | 17.755 | 12.317 |
| SDev | .0615 | .01053 | .032 | 4.19 | .98 | .141 | .099 |
| %RSD | .89039 | 1.8003 | .24113 | .79022 | .83880 | .79589 | .80016 |
| #1 | 6.8631 | .57747 | 13.142 | H527.81 | 115.71 | 17.655 | 12.248 |
| #2 | 6.9501 | .59237 | 13.187 | H533.74 | 117.09 | 17.854 | 12.387 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.3552 | 3.1220 | .04835 | L-.06551 | 5.0877 | L-1.1004 | .14748 |
| SDev | .0989 | .0000 | .03381 | .00082 | .0272 | .0434 | .00809 |
| %RSD | 4.1985 | .00000 | 69.943 | 1.2531 | .53453 | 3.9407 | 5.4869 |
| #1 | 2.2853 | 3.1220 | .07226 | L-.06609 | 5.0685 | L-1.1310 | .14175 |
| #2 | 2.4251 | 3.1220 | .02444 | L-.06492 | 5.1070 | L-1.0697 | .15320 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 53.728 | 2.6188 | 1.1822 | 4.5954 | 4.9306 | 2.2110 |
| SDev | .243 | .0375 | .0046 | .0274 | .0028 | .0831 |
| %RSD | .45174 | 1.4316 | .38872 | .59717 | .05586 | 3.7593 |
| #1 | 53.556 | 2.5923 | 1.1790 | 4.5740 | 4.9287 | 2.1522 |
| #2 | 53.899 | 2.6454 | 1.1855 | 4.6148 | 4.9326 | 2.2698 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351507 X5 Operator: TCM
Run Time: 04/13/95 16:27:17
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 10.593 | .21808 | .25767 | 7.3969 | -.00006 | .11800 | 18.804 |
| SDev | .000 | .04017 | .01731 | .0459 | .00053 | .00374 | .009 |
| %RSD | .00142 | 18.418 | 6.7186 | .61990 | 949.22 | 3.1696 | .04572 |
| #1 | 10.593 | .18968 | .26991 | 7.4293 | .00032 | .12064 | 18.810 |
| #2 | 10.593 | .24648 | .24543 | 7.3645 | -.00043 | .11536 | 18.798 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.4468 | .12314 | 2.7240 | 117.80 | 24.801 | 3.6533 | 2.6047 |
| SDev | .0002 | .00301 | .0045 | .41 | .105 | .0353 | .0053 |
| %RSD | .01148 | 2.4481 | .16648 | .34388 | .42173 | .96698 | .20380 |
| #1 | 1.4470 | .12101 | 2.7272 | 118.09 | 24.875 | 3.6783 | 2.6084 |
| #2 | 1.4467 | .12527 | 2.7208 | 117.52 | 24.727 | 3.6283 | 2.6009 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .48759 | -.46830 | .09725 | L-.01809 | 1.0686 | L-.27580 | .03586 |
| SDev | .00870 | .07359 | .04503 | .00009 | .0155 | .09056 | .00459 |
| %RSD | 1.7842 | 15.713 | 46.304 | .51648 | 1.4542 | 32.834 | 18.377 |
| #1 | .48144 | -.41627 | .12909 | L-.01803 | 1.0577 | L-.33984 | .04052 |
| #2 | .49374 | -.52033 | .06541 | L-.01816 | 1.0796 | L-.21177 | .03120 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 11.658 | .54867 | .23697 | .94148 | 1.0190 | .50514 |
| SDev | .040 | .01141 | .00022 | .00260 | .0132 | .03330 |
| %RSD | .34212 | 2.0797 | .09184 | .27662 | 1.2949 | 6.5925 |
| #1 | 11.686 | .54060 | .23681 | .94332 | 1.0284 | .52869 |
| #2 | 11.629 | .55673 | .23712 | .93963 | 1.0097 | .48159 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351508 Operator: TDM
Run Time: 04/13/95 16:29:26
Comment: LAB # 9521613 BBSS13 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 44.162 | 6.1690 | .84493 | 33.850 | .00366 | .86434 | 46.748 |
| SDev | .028 | .0403 | .01898 | .156 | .00000 | .00934 | .259 |
| %RSD | .06417 | .65273 | 2.2469 | .46056 | .04545 | 1.0806 | .55469 |
| #1 | 44.142 | 6.1975 | .83151 | 33.740 | .00366 | .85774 | 46.564 |
| #2 | 44.182 | 6.1406 | .85836 | 33.961 | .00366 | .87095 | 46.931 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.7716 | .38454 | 5.2444 | H276.63 | 169.36 | 25.136 | 10.305 |
| SDev | .0151 | .00001 | .0091 | .90 | .41 | .141 | .032 |
| %RSD | .39977 | .00134 | .17295 | .32566 | .24298 | .56217 | .31357 |
| #1 | 3.7609 | .38455 | 5.2380 | H275.99 | 169.07 | 25.036 | 10.282 |
| #2 | 3.7822 | .38454 | 5.2508 | H277.27 | 169.66 | 25.236 | 10.328 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.1415 | 2.1334 | -.03940 | L-.02766 | 3.5850 | L-.59451 | .35517 |
| SDev | .0342 | .0736 | .18391 | .00622 | .1010 | .12978 | .00106 |
| %RSD | 2.9958 | 3.4493 | 466.77 | 22.480 | 2.8176 | 21.829 | .29996 |
| #1 | 1.1457 | 2.0813 | L-.16944 | L-.02326 | 3.5136 | L-.50274 | .35442 |
| #2 | 1.1174 | 2.1854 | .09064 | L-.03206 | 3.6565 | L-.68627 | .35593 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | H190.47 | .10489 | -.00332 | 18.675 | 6.9793 | 1.7964 |
| SDev | .45 | .00000 | .01418 | .086 | .0265 | .0032 |
| %RSD | .23625 | .00000 | 426.87 | .46015 | .38027 | .17775 |
| #1 | H190.15 | .10489 | .00671 | 18.614 | 6.9605 | 1.7987 |
| #2 | H190.79 | .10489 | -.01335 | 18.735 | 6.9980 | 1.7941 |
| Errors | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 35150H X4 Operator: TCM
Run Time: 04/13/95 16:34:01
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 11.470 | 1.6982 | .22684 | 8.8171 | .00062 | .23723 | 12.460 |
| SDev | .028 | .0402 | .00794 | .0306 | .00054 | .00000 | .037 |
| %RSD | .24776 | 2.3648 | 3.5019 | .34670 | 87.466 | .00175 | .29895 |
| #1 | 11.449 | 1.7266 | .23245 | 8.7955 | .00024 | .23723 | 12.434 |
| #2 | 11.490 | 1.6698 | .22122 | 8.8387 | .00100 | .23723 | 12.486 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .99662 | .10837 | 1.3580 | 74.912 | 45.224 | 6.5448 | 2.7366 |
| SDev | .00232 | .00603 | .0000 | .045 | .265 | .0442 | .0013 |
| %RSD | .23260 | 5.5626 | .00000 | .05984 | .58604 | .67472 | .04750 |
| #1 | .99824 | .11264 | 1.3580 | 74.880 | 45.036 | 6.5760 | 2.7357 |
| #2 | .99498 | .10411 | 1.3580 | 74.944 | 45.411 | 6.5135 | 2.7375 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .30792 | -.26017 | .21548 | L-.01710 | .96975 | L-.13654 | .09402 |
| SDev | .00409 | .36793 | .08958 | .00001 | .00777 | .10239 | .00001 |
| %RSD | 1.3282 | 141.42 | 41.574 | .05025 | .80126 | 74.991 | .01425 |
| #1 | .30503 | .00000 | .15213 | L-.01711 | .96425 | L-.20894 | .09402 |
| #2 | .31081 | -.52033 | .27882 | L-.01710 | .97524 | -.06414 | .09403 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 52.479 | .02536 | -.01119 | 4.8708 | 1.8074 | .47429 |
| SDev | .277 | .00815 | .00002 | .0117 | .0133 | .01468 |
| %RSD | .52796 | 32.141 | .21526 | .24060 | .73722 | 3.0949 |
| #1 | 52.283 | .03112 | -.01117 | 4.8625 | 1.8168 | .48467 |
| #2 | 52.675 | .01960 | -.01120 | 4.8791 | 1.7979 | .46391 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351509 Operator: TCM
Run Time: 04/13/95 16:36:16
Comment: LAB # 9521613 BBSS14 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 50.224 | 1.5720 | 2.6766 | 29.560 | .00355 | .24687 | 47.756 |
| SDev | .064 | .0293 | .0198 | .098 | .00000 | .01138 | .066 |
| %RSD | .12724 | 1.8644 | .73960 | .33093 | .06967 | 4.6112 | .13799 |
| #1 | 50.178 | 1.5927 | 2.6906 | 29.490 | .00355 | .25492 | 47.802 |
| #2 | 50.269 | 1.5512 | 2.6626 | 29.629 | .00355 | .23882 | 47.709 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 48.740 | .37991 | 43.424 | H1082.9 | 259.29 | 15.157 | 7.7052 |
| SDev | .129 | .00900 | .134 | 3.0 | .87 | .088 | .0061 |
| %RSD | .26394 | 2.3690 | .30807 | .27651 | .33629 | .58270 | .07862 |
| #1 | 48.831 | .38628 | 43.329 | H1085.0 | 259.91 | 15.219 | 7.7095 |
| #2 | 48.649 | .37355 | 43.518 | H1080.7 | 258.68 | 15.094 | 7.7010 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.8902 | 2.7578 | -.01498 | L-.21251 | 2.3955 | L-1.5154 | .42335 |
| SDev | .0810 | .3679 | .05156 | .00057 | .0350 | .1080 | .00159 |
| %RSD | 2.0819 | 13.342 | 344.13 | .26730 | 1.4596 | 7.1258 | .37455 |
| #1 | 3.9474 | 3.0179 | -.05144 | L-.21211 | 2.3708 | L-1.5918 | .42223 |
| #2 | 3.8329 | 2.4976 | .02147 | L-.21291 | 2.4202 | L-1.4390 | .42447 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 66.666 | .26972 | L-.55265 | 4.3579 | 7.4187 | 1.7117 |
| SDev | .087 | .00815 | .01531 | .0117 | .0641 | .1082 |
| %RSD | .13016 | 3.0218 | 2.7695 | .26918 | .86380 | 6.3205 |
| #1 | 66.727 | .27549 | L-.56348 | 4.3496 | 7.3734 | 1.7882 |
| #2 | 66.605 | .26396 | L-.54183 | 4.3662 | 7.4640 | 1.6352 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351509 X20 Operator: TCM
Run Time: 04/13/95 16:40:54
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.6404 | .09681 | .15901 | 1.5628 | -.00119 | .01776 | 2.5731 |
| SDev | .0071 | .04013 | .02507 | .0000 | .00000 | .00181 | .0115 |
| %RSD | .26937 | 41.449 | 15.764 | .00000 | .00935 | 10.191 | .44542 |
| #1 | 2.6454 | .06844 | .14128 | 1.5628 | -.00118 | .01904 | 2.5650 |
| #2 | 2.6354 | .12519 | .17673 | 1.5628 | -.00119 | .01648 | 2.5812 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.6434 | .02148 | 2.2623 | 66.320 | 14.185 | .83059 | .42493 |
| SDev | .0070 | .00151 | .0045 | .463 | .105 | .03533 | .00275 |
| %RSD | .26310 | 7.0271 | .20046 | .69880 | .73767 | 4.2533 | .64737 |
| #1 | 2.6385 | .02255 | 2.2591 | 65.993 | 14.111 | .80560 | .42298 |
| #2 | 2.6483 | .02042 | 2.2655 | 66.648 | 14.258 | .85557 | .42688 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .22155 | -.57237 | .02925 | -.00084 | .11813 | I-.17593 | .02301 |
| SDev | .00354 | .22076 | .14819 | .00009 | .03108 | .07770 | .00007 |
| %RSD | 1.6051 | 38.569 | 574.94 | 10.598 | 26.311 | 44.163 | .30854 |
| #1 | .21904 | -.72847 | .14818 | -.00090 | .09615 | I-.12099 | .02296 |
| #2 | .22406 | -.41627 | -.08967 | -.00077 | .14010 | I-.23087 | .02306 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.7928 | .00576 | I-.05984 | .23541 | .38242 | .12356 |
| SDev | .0205 | .00978 | .03399 | .00260 | .01329 | .01128 |
| %RSD | .54083 | 169.71 | 56.808 | 1.1058 | 3.4764 | 9.1260 |
| #1 | 3.7783 | .01268 | I-.08388 | .23357 | .37302 | .11559 |
| #2 | 3.8073 | -.00115 | -.03580 | .23725 | .39182 | .13153 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCVB Operator: TCM
Run Time: 04/13/95 16:42:56
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9667 | 4.9898 | 9.9107 | 2.9330 | .98322 | 2.9306 | 24.461 |
| SDev | .0899 | .1138 | .2869 | .0494 | .02772 | .1018 | .862 |
| %RSD | 3.0310 | 2.2815 | 2.8948 | 2.3657 | 2.8197 | 3.4746 | 3.5227 |
| #1 | 3.0303 | 5.0703 | 10.114 | 2.9821 | 1.0028 | 3.0026 | 25.071 |
| #2 | 2.9031 | 4.9093 | 9.7078 | 2.8840 | .96361 | 2.8586 | 23.852 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9410 | 2.9445 | 2.9425 | 12.152 | 9.7960 | 7.4816 | 1.9607 |
| SDev | .0941 | .0950 | .0810 | .475 | .4069 | .0268 | .0707 |
| %RSD | 3.2002 | 3.2262 | 2.7518 | 3.9078 | 4.1536 | .35770 | 3.6067 |
| #1 | 3.0076 | 3.0116 | 2.9998 | 12.488 | 10.084 | 7.5005 | 2.0107 |
| #2 | 2.8745 | 2.8773 | 2.8853 | 11.816 | 9.5083 | 7.4626 | 1.9107 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9988 | 193.20 | 5.2836 | 2.9416 | 26.864 | 9.7387 | 2.9484 |
| SDev | .1040 | 7.12 | .0961 | .1028 | .588 | .5009 | .0733 |
| %RSD | 3.4678 | 3.6833 | 1.8183 | 3.4951 | 2.1941 | 5.1439 | 2.4858 |
| #1 | 3.0723 | 198.23 | 5.3516 | 3.0143 | 27.281 | 10.093 | 3.0003 |
| #2 | 2.9252 | 188.17 | 5.2157 | 2.8689 | 26.447 | 9.3844 | 2.8966 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9287 | 2.9362 | 4.8504 | 9.7993 | 2.2801 | 2.5108 |
| SDev | .1150 | .1047 | .1234 | .2803 | .0884 | .0512 |
| %RSD | 3.9261 | 3.5662 | 2.5437 | 2.8601 | 3.8770 | 2.0382 |
| #1 | 3.0100 | 3.0102 | 4.9377 | 9.9974 | 2.3426 | 2.5470 |
| #2 | 2.8474 | 2.8622 | 4.7632 | 9.6011 | 2.2176 | 2.4746 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCBB Operator: TCM
Run Time: 04/13/95 16:46:12
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01513 | .01685 | -.02294 | -.00027 | -.00080 | -.00398 | .00417 |
| SDev | .00732 | .04155 | .03829 | .00000 | .00000 | .00000 | .00299 |
| %RSD | 48.354 | 246.53 | 166.92 | .00000 | .00175 | .02304 | 71.669 |
| #1 | .00996 | -.01253 | -.05002 | -.00027 | -.00080 | -.00398 | .00206 |
| #2 | .02031 | .04624 | .00414 | -.00027 | -.00080 | -.00398 | .00629 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00128 | -.00257 | -.00258 | .01031 | .01793 | -.02529 | -.00075 |
| SDev | .00486 | .00317 | .00238 | .00884 | .02874 | .00892 | .00000 |
| %RSD | 379.33 | 123.09 | 92.261 | 85.752 | 160.27 | 35.277 | .52591 |
| #1 | -.00215 | -.00481 | -.00090 | .00406 | H.03826 | -.03160 | -.00075 |
| #2 | .00472 | -.00033 | -.00427 | .01656 | -.00239 | -.01898 | -.00075 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01042 | .83646 | .04449 | .00833 | .12202 | -.14098 | -.00086 |
| SDev | .00364 | .38259 | .00223 | .00641 | .02439 | .11928 | .00001 |
| %RSD | 34.970 | 45.739 | 5.0092 | 76.935 | 19.989 | 84.613 | 1.0462 |
| #1 | -.01299 | 1.1070 | .04291 | .00380 | .10477 | L-.22532 | -.00085 |
| #2 | -.00784 | .56593 | .04606 | H.01287 | .13926 | -.05663 | -.00086 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00459 | -.00984 | -.00556 | .00224 | -.02581 | .00302 |
| SDev | .00120 | .00524 | .00687 | .00139 | .00003 | .03919 |
| %RSD | 26.053 | 53.230 | 123.56 | 62.193 | .11902 | 1295.6 |
| #1 | .00374 | -.00613 | -.00070 | .00125 | -.02578 | -.02469 |
| #2 | .00543 | -.01354 | -.01042 | .00323 | -.02583 | .03074 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CRIF Operator: TCM
Run Time: 04/13/95 17:08:38
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01852 | .08084 | .16529 | .00000 | .01086 | .01200 | .05501 |
| SDev | .00746 | .01038 | .01925 | .00000 | .00001 | .00566 | .00299 |
| %RSD | 40.250 | 12.841 | 11.643 | .00000 | .08556 | 47.129 | 5.4393 |
| #1 | .02380 | .08818 | .15168 | .00000 | .01087 | .01600 | .05712 |
| #2 | .01325 | .07350 | .17890 | .00000 | .01086 | .00800 | .05289 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02232 | .10526 | .05557 | .00078 | .08466 | -.00631 | .02702 |
| SDev | .00116 | .00634 | .00000 | .00775 | .00714 | .03568 | .00007 |
| %RSD | 5.2159 | 6.0187 | .00000 | 997.14 | 8.4317 | 565.69 | .27847 |
| #1 | .02315 | .10078 | .05557 | .00626 | .07961 | -.03154 | .02697 |
| #2 | .02150 | .10974 | .05557 | -.00471 | .08971 | .01892 | .02707 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .09532 | -.97390 | .13707 | .02291 | .06324 | .32541 | .10237 |
| SDev | .01820 | .07652 | .05338 | .01283 | .01626 | .00016 | .00595 |
| %RSD | 19.091 | 7.8567 | 38.943 | 56.009 | 25.713 | .04960 | 5.8157 |
| #1 | .08246 | -.91980 | .17481 | .01384 | .05174 | .32553 | .09816 |
| #2 | .10819 | -1.0280 | .09932 | .03198 | .07473 | .32530 | .10658 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .03561 | .10613 | .14085 | .10151 | .22761 | .09974 |
| SDev | .00119 | .00175 | .01373 | .00000 | .01018 | .02352 |
| %RSD | 3.3533 | 1.6444 | 9.7503 | .00022 | 4.4721 | 23.575 |
| #1 | .03646 | .10736 | .15056 | .10151 | .23481 | .11637 |
| #2 | .03477 | .10489 | .13114 | .10151 | .22041 | .08312 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | .05000 | -.05000 |

Method: SW846-R Sample Name: ICSAF Operator: TCM
Run Time: 04/13/95 17:16:50
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 476.55 | -.05892 | .39838 | .02944 | .00112 | .00748 | 450.93 |
| SDev | .95 | .12476 | .07221 | .00000 | .00056 | .00364 | 4.05 |
| %RSD | .19903 | 211.74 | 18.125 | .00000 | 49.759 | 48.677 | .89875 |
| #1 | 477.22 | .02930 | .44944 | .02944 | .00072 | .01005 | 448.07 |
| #2 | 475.87 | -.14714 | .34733 | .02944 | .00151 | .00490 | 453.80 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | QC Pass |
| Value | 500.00 | | | | | | 500.00 |
| Range | 20.000 | | | | | | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02610 | .01007 | .00168 | 171.92 | .24628 | 467.29 | .00117 |
| SDev | .00243 | .00158 | .00000 | 1.43 | .05670 | 2.49 | .00049 |
| %RSD | 9.3143 | 15.719 | .00000 | .83381 | 23.022 | .53262 | 42.165 |
| #1 | .02438 | .00895 | .00168 | 170.91 | .28638 | 465.53 | .00082 |
| #2 | .02782 | .01119 | .00168 | 172.94 | .20619 | 469.05 | .00152 |
| Errors | NOCHECK | NOCHECK | NOCHECK | QC Pass | NOCHECK | QC Pass | NOCHECK |
| Value | | | | 200.00 | | 500.00 | |
| Range | | | | 20.000 | | 20.000 | |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00767 | .05411 | -.39457 | -.03957 | .18971 | .10058 | .04034 |
| SDev | .03640 | .15303 | .10331 | .00668 | .02439 | .35354 | .00026 |
| %RSD | 474.89 | 282.84 | 26.183 | 16.889 | 12.856 | 351.51 | .64783 |
| #1 | -.01808 | .16232 | -.44762 | -.04430 | .17246 | -.14941 | .04015 |
| #2 | .03341 | -.05411 | -.32151 | -.03485 | .20695 | .35057 | .04052 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | | |
| Range | | | | | | | |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.02988 | .00864 | -.12636 | .03087 | -.04035 | .00694 |
| SDev | .00203 | .00698 | .01297 | .00208 | .00710 | .09090 |
| %RSD | 6.8088 | 80.812 | 10.262 | 6.7374 | 17.604 | 1310.1 |
| #1 | -.03132 | .01357 | -.13552 | .02940 | -.03533 | -.05734 |
| #2 | -.02844 | .00370 | -.11719 | .03234 | -.04538 | .07121 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | |
| Range | | | | | | |

Method: SW846-R Sample Name: ICSABF Operator: TCM
Run Time: 04/13/95 17:18:59
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 499.58 | .05633 | .44930 | .52008 | .47982 | .99056 | 475.07 |
| SDev | .98 | .04156 | .02784 | .00000 | .00056 | .00945 | 1.14 |
| %RSD | .19556 | 73.789 | 6.1970 | .00000 | .11670 | .95438 | .23933 |
| #1 | 500.27 | .08572 | .46899 | .52008 | .48021 | .98388 | 474.26 |
| #2 | 498.89 | .02694 | .42961 | .52008 | .47942 | .99724 | 475.87 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 500.00 | | | .50000 | .50000 | 1.0000 | 500.00 |
| Range | 20.000 | | | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .49758 | .47915 | .49847 | 180.74 | 1.1286 | 491.55 | .48589 |
| SDev | .00241 | .00317 | .00238 | .32 | .0997 | .47 | .00093 |
| %RSD | .48465 | .66126 | .47778 | .17745 | 8.8384 | .09619 | .19065 |
| #1 | .49929 | .47491 | .50015 | 180.51 | 1.1991 | 491.88 | .48523 |
| #2 | .49588 | .48139 | .49678 | 180.96 | 1.0580 | 491.21 | .48654 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | .50000 | .50000 | .50000 | 200.00 | 1.0000 | 500.00 | .50000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .92341 | -.91980 | -.22675 | .99664 | .16384 | .08038 | .56144 |
| SDev | .01819 | .15303 | .11379 | .00447 | .01210 | .00093 | .00205 |
| %RSD | 1.9696 | 16.638 | 50.183 | .64972 | 7.4433 | 1.1449 | .36496 |
| #1 | .91055 | -1.0280 | -.30722 | .99207 | .15521 | .08103 | .55999 |
| #2 | .93627 | -.81159 | -.14629 | 1.0012 | .17246 | .07973 | .56289 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | NOCHECK | NOCHECK | QC Pass |
| Value | 1.0000 | | | 1.0000 | | | .50000 |
| Range | 20.000 | | | 20.000 | | | 20.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .90257 | .00864 | -.14080 | .03385 | -.08701 | .01436 |
| SDev | .00598 | .00349 | .00017 | .00260 | .00646 | .09387 |
| %RSD | .66278 | 40.406 | .12236 | 7.6649 | 7.4213 | 653.87 |
| #1 | .90680 | .01111 | -.14068 | .03569 | -.08244 | .08073 |
| #2 | .89834 | .00617 | -.14092 | .03202 | -.09157 | -.05202 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | 1.0000 | | | | | |
| Range | 20.000 | | | | | |

Method: SW846-R Sample Name: ICSAF X10 DIL Operator: TCM
Run Time: 04/13/95 17:21:18
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 46.254 | -.00736 | .02965 | .00491 | -.00001 | .00168 | 46.822 |
| SDev | .051 | .03118 | .03497 | .00694 | .00112 | .00000 | .075 |
| %RSD | .11060 | 423.49 | 117.96 | 141.42 | 9329.0 | .07492 | .15975 |
| #1 | 46.291 | -.02941 | .00492 | .00000 | -.00080 | .00168 | 46.769 |
| #2 | 46.218 | .01469 | .05438 | .00981 | .00078 | .00168 | 46.875 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00350 | .00784 | .00505 | 18.635 | .01873 | 46.098 | .00148 |
| SDev | .00002 | .00475 | .00000 | .010 | .00713 | .134 | .00058 |
| %RSD | .47490 | 60.618 | .00000 | .05344 | 38.078 | .29027 | 39.291 |
| #1 | .00351 | .01120 | .00505 | 18.627 | .02377 | 46.193 | .00107 |
| #2 | .00349 | .00448 | .00505 | 18.642 | .01369 | 46.003 | .00189 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01029 | .27053 | -.14267 | -.00095 | .03449 | .16437 | .00767 |
| SDev | .01093 | .15303 | .06229 | .00000 | .02439 | .02644 | .00198 |
| %RSD | 106.20 | 56.569 | 43.662 | .30719 | 70.711 | 16.085 | 25.853 |
| #1 | .00256 | .37874 | -.18672 | -.00095 | .01725 | .18307 | .00907 |
| #2 | .01801 | .16232 | -.09862 | -.00096 | .05174 | .14568 | .00627 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00488 | .00123 | .01427 | .00200 | .01475 | -.02319 |
| SDev | .00240 | .00349 | .00001 | .00141 | .00008 | .04703 |
| %RSD | 49.195 | 282.84 | .03748 | 70.354 | .54191 | 202.81 |
| #1 | -.00658 | -.00123 | .01428 | .00100 | .01470 | -.05644 |
| #2 | -.00318 | .00370 | .01427 | .00299 | .01481 | .01007 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: ICSABF X10 DIL Operator: TCM
Run Time: 04/13/95 17:23:29
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 48.952 | -.02232 | .06558 | .05642 | .04755 | .09773 | 49.286 |
| SDev | .296 | .09352 | .00123 | .00347 | .00166 | .00756 | .696 |
| %RSD | .60479 | 418.95 | 1.8764 | 6.1488 | 3.4934 | 7.7396 | 1.4115 |
| #1 | 49.161 | .04381 | .06645 | .05888 | .04872 | .10308 | 49.778 |
| #2 | 48.742 | -.08845 | .06471 | .05397 | .04637 | .09238 | 48.794 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .05373 | .05150 | .05557 | 19.548 | .13305 | 48.482 | .05078 |
| SDev | .00734 | .00000 | .00476 | .243 | .05715 | .847 | .00016 |
| %RSD | 13.655 | .00484 | 8.5710 | 1.3402 | 42.952 | 1.7480 | .30723 |
| #1 | .05891 | .05150 | .05894 | 19.784 | .17346 | 49.082 | .05089 |
| #2 | .04854 | .05150 | .05220 | 19.413 | .09264 | 47.883 | .05067 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .10704 | -.48695 | I-.38151 | .08999 | .09198 | .09592 | .05824 |
| SDev | .02367 | 1.37731 | .17808 | .00006 | .01626 | .06718 | .00598 |
| %RSD | 22.109 | 282.84 | 46.677 | .07196 | 17.678 | 70.036 | 10.276 |
| #1 | .12378 | .48695 | I-.25559 | .09004 | .10348 | .04842 | .06247 |
| #2 | .09031 | -1.4609 | I-.50743 | .08994 | .08048 | .14343 | .05401 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .10486 | .01234 | -.00081 | .00339 | .04559 | -.00605 |
| SDev | .00230 | .00873 | .02075 | .00012 | .00040 | .04688 |
| %RSD | 2.1954 | 70.711 | 2547.2 | 3.4191 | .88886 | 774.34 |
| #1 | .10448 | .01851 | -.01548 | .00347 | .04530 | -.03920 |
| #2 | .10323 | .00617 | .01386 | .00331 | .04588 | .02710 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV9 Operator: TCM
Run Time: 04/13/95 17:25:30
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0854 | 4.9243 | 9.8512 | 3.0665 | .99368 | 2.9813 | 24.915 |
| SDev | .0007 | .0414 | .1074 | .0069 | .01443 | .0528 | .328 |
| %RSD | .02119 | .84171 | 1.0903 | .22627 | 1.4520 | 1.7706 | 1.3150 |
| #1 | 3.0859 | 4.8950 | 9.7752 | 3.0616 | .98348 | 2.9440 | 24.484 |
| #2 | 3.0849 | 4.9537 | 9.9271 | 3.0714 | 1.0039 | 3.0186 | 25.147 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0015 | 3.0003 | 3.0093 | 12.394 | 9.7699 | 7.4244 | 1.9999 |
| SDev | .0270 | .0190 | .0286 | .102 | .0644 | .0000 | .0170 |
| %RSD | .89866 | .63313 | .94966 | .81967 | .65913 | .00000 | .85085 |
| #1 | 2.9824 | 2.9869 | 2.9891 | 12.322 | 9.7243 | 7.4244 | 1.9878 |
| #2 | 3.0205 | 3.0138 | 3.0295 | 12.466 | 9.8154 | 7.4244 | 2.0119 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0038 | 199.22 | 5.0939 | 3.0461 | 27.456 | 10.347 | 3.0198 |
| SDev | .0820 | 2.22 | .0869 | .0450 | .260 | .052 | .0307 |
| %RSD | 2.7294 | 1.1139 | 1.7056 | 1.4759 | .94755 | .50285 | 1.0170 |
| #1 | 2.9458 | 197.65 | 5.0325 | 3.0143 | 27.272 | 10.310 | 2.9981 |
| #2 | 3.0618 | 200.79 | 5.1553 | 3.0779 | 27.640 | 10.384 | 3.0415 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9000 | 3.0185 | 4.9570 | 10.129 | 2.2946 | 2.6078 |
| SDev | .0383 | .0122 | .0343 | .082 | .0227 | .0666 |
| %RSD | 1.3208 | .40472 | .69171 | .81234 | .98776 | 2.5526 |
| #1 | 2.8729 | 3.0098 | 4.9328 | 10.071 | 2.2786 | 2.6548 |
| #2 | 2.9271 | 3.0271 | 4.9813 | 10.187 | 2.3106 | 2.5607 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB9 Operator: TCM
Run Time: 04/13/95 17:27:35
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .04088 | .00210 | -.00011 | -.00027 | .00037 | .00402 | .07611 |
| SDev | .01457 | .00002 | .02890 | .00000 | .00055 | .00377 | .02094 |
| %RSD | 35.639 | .90259 | 25666. | .00000 | 147.32 | 93.880 | 27.519 |
| #1 | .05118 | .00212 | -.02055 | -.00027 | .00077 | H.00668 | .09092 |
| #2 | .03058 | .00209 | .02032 | -.00027 | -.00002 | .00135 | .06130 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00991 | .00638 | .00247 | .01108 | .00870 | .05671 | -.00010 |
| SDev | .00240 | .00317 | .00476 | .00994 | .04312 | .01784 | .00117 |
| %RSD | 24.259 | 49.602 | 192.78 | 89.719 | 495.70 | 31.458 | 1113.6 |
| #1 | .00821 | .00415 | .00584 | .01810 | H.03919 | .06933 | .00072 |
| #2 | H.01161 | .00862 | -.00090 | .00405 | -.02179 | .04410 | -.00093 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01686 | 1.4857 | L-.29369 | .00834 | .16513 | -.11301 | .00403 |
| SDev | .01639 | .2296 | .04003 | .00440 | [illegible] | [illegible] | .00298 |
| %RSD | 97.193 | 15.450 | 13.630 | 76.693 | 2.4616 | 93.918 | 73.943 |
| #1 | -.00527 | 1.3234 | L-.32199 | .00382 | .16801 | L-.18807 | .00614 |
| #2 | -.02844 | 1.6480 | L-.26538 | H.01287 | .16226 | -.03796 | .00192 |
| Errors | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00036 | .00004 | .00901 | .00521 | -.03072 | .01965 |
| SDev | .00239 | .01222 | .00001 | .00000 | .00665 | .00001 |
| %RSD | 673.42 | 33357. | .05927 | .07852 | 21.640 | .03022 |
| #1 | .00205 | .00867 | .00900 | .00521 | -.02602 | .01965 |
| #2 | -.00134 | -.00860 | .00901 | .00520 | -.03542 | .01964 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Standard: S0

| Elem | Al | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .00170 | .00010 | -.00100 | .00020 | .00040 | .00020 | .00070 |
| SDev | .00042 | .00014 | .00198 | .00000 | .00000 | .00028 | .00042 |
| %RSD | 24.957 | 141.42 | 197.99 | .00000 | .00000 | 141.42 | 60.609 |
| #1 | .00140 | .00020 | .00040 | .00020 | .00040 | .00040 | .00040 |
| #2 | .00200 | .00000 | -.00240 | .00020 | .00040 | .00000 | .00100 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .00090 | .00080 | .00060 | .00160 | .00080 | .00020 | .00010 |
| SDev | .00042 | .00000 | .00028 | .00028 | .00000 | .00028 | .00014 |
| %RSD | 47.140 | .00000 | 47.140 | 17.678 | .00000 | 141.42 | 141.42 |
| #1 | .00120 | .00080 | .00040 | .00180 | .00080 | .00040 | .00000 |
| #2 | .00060 | .00080 | .00080 | .00140 | .00080 | .00000 | .00020 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Avge | .00110 | .00440 | -.00390 | .00000 | .01650 | -.00030 | .00040 |
| SDev | .00127 | .00170 | .00212 | .00000 | .00184 | .00042 | .00000 |
| %RSD | 115.71 | 38.569 | 54.393 | .00000 | 11.142 | 141.42 | .00000 |
| #1 | .00020 | .00320 | -.00240 | .00000 | .01520 | -.00060 | .00040 |
| #2 | .00200 | .00560 | -.00540 | .00000 | .01780 | .00000 | .00040 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .00030 | .00020 | .00020 | .00070 | .00280 | -.00010 |
| SDev | .00014 | .00028 | .00028 | .00014 | .00028 | .00156 |
| %RSD | 47.140 | 141.42 | 141.42 | 20.203 | 10.102 | 1555.6 |
| #1 | .00040 | .00000 | .00000 | .00080 | .00260 | .00100 |
| #2 | .00020 | .00040 | .00040 | .00060 | .00300 | -.00120 |

2nd ICP Run

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Method: SW846-R Standard: S1

| Elem | Al | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .06580 | .03440 | .37680 | .06560 | .11720 | .10900 | .94440 |
| SDev | .00226 | .00085 | .00368 | .00057 | .00057 | .00085 | .00396 |
| %RSD | 3.4388 | 2.4524 | .97584 | .86232 | .48267 | .77846 | .41929 |
| #1 | .06740 | .03400 | .37940 | .06520 | .11680 | .10840 | .94160 |
| #2 | .06420 | .03520 | .37420 | .06600 | .11760 | .10960 | .94720 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .17110 | .13170 | .08890 | .80000 | .09830 | .06210 | .32970 |
| SDev | .00071 | .00071 | .00071 | .00283 | .00014 | .00127 | .00127 |
| %RSD | .41327 | .53691 | .79540 | .35355 | .14386 | 2.0496 | .38605 |
| #1 | .17060 | .13120 | .08840 | .79800 | .09820 | .06300 | .32880 |
| #2 | .17160 | .13220 | .08940 | .80200 | .09840 | .06120 | .33060 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Avge | .11140 | .17820 | .14620 | .03360 | .49810 | .05150 | .21890 |
| SDev | .00283 | .00085 | .00170 | .00000 | .00156 | .00042 | .00184 |
| %RSD | 2.5390 | .47617 | 1.1608 | .00000 | .31231 | .82382 | .83987 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| #1 | .11340 | .17880 | .14500 | .03360 | .49700 | .05180 | .21760 |
| #2 | .10940 | .17760 | .14740 | .03360 | .49920 | .05120 | .22020 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .18200 | .11470 | .04760 | .44940 | .04420 | .05250 |
| SDev | .00057 | .00071 | .00000 | .00283 | .00000 | .00099 |
| %RSD | .31082 | .61648 | .00000 | .62938 | .00000 | 1.8856 |
| #1 | .18160 | .11420 | .04760 | .44740 | .04420 | .05180 |
| #2 | .18240 | .11520 | .04760 | .45140 | .04420 | .05320 |

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Method: SW846-R Standard: S2

| Elem | Al | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .12710 | .06990 | .73390 | .12940 | .23150 | .21360 | 1.8445 |
| SDev | .00014 | .00014 | .00127 | .00141 | .00156 | .00057 | .0058 |
| %RSD | .11127 | .20232 | .17343 | 1.0912 | .67198 | .26483 | .31436 |
| #1 | .12720 | .06980 | .73480 | .13060 | .23260 | .21400 | 1.8486 |
| #2 | .12700 | .07000 | .73300 | .12860 | .23040 | .21320 | 1.8404 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .33310 | .25610 | .17560 | 1.5673 | .18710 | .12160 | .64230 |
| SDev | .00184 | .00156 | .00085 | .0075 | .00127 | .00000 | .00212 |
| %RSD | .55193 | .60743 | .48322 | .47823 | .68027 | .00000 | .33027 |
| #1 | .33440 | .25720 | .17620 | 1.5726 | .18800 | .12160 | .64380 |
| #2 | .33180 | .25500 | .17500 | 1.5620 | .18620 | .12160 | .64080 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Avge | .21340 | .35170 | .28680 | .06580 | .98290 | .10290 | .43040 |
| SDev | .00198 | .00297 | .00226 | .00028 | .00495 | .00156 | .00255 |
| %RSD | .92779 | .84443 | .78896 | .42985 | .50359 | 1.5118 | .59145 |
| #1 | .21480 | .35380 | .28520 | .06600 | .98640 | .10180 | .43220 |
| #2 | .21200 | .34960 | .28840 | .06560 | .97940 | .10400 | .42860 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .33380 | .22400 | .09480 | .88830 | .08850 | .10390 |
| SDev | .00057 | .00113 | .00028 | .00551 | .00014 | .00184 |
| %RSD | .16946 | .50508 | .29836 | .62090 | .15980 | 1.7695 |
| #1 | .33420 | .22480 | .09460 | .89220 | .08860 | .10260 |
| #2 | .33340 | .22320 | .09500 | .88440 | .08840 | .10520 |

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Method: SW846-R Standard: S3

| Elem | Al | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Avge | .24970 | .13390 | 1.4445 | .25000 | .45920 | .42330 | 3.6091 |
| SDev | .00042 | .00042 | .0021 | .00000 | .00141 | .00014 | .0044 |
| %RSD | .16991 | .31686 | .14686 | .00000 | .30797 | .03341 | .12147 |
| #1 | .25000 | .13420 | 1.4460 | .25000 | .46020 | .42340 | 3.6060 |
| #2 | .24940 | .13360 | 1.4430 | .25000 | .45820 | .42320 | 3.6122 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Avge | .64990 | .50180 | .34400 | 3.0295 | .37070 | .23630 | 1.2530 |
| SDev | .00014 | .00000 | .00057 | .0044 | .00156 | .00212 | .0017 |
| %RSD | .02176 | .00000 | .16444 | .14471 | .41965 | .89773 | .13544 |
| #1 | .65000 | .50180 | .34440 | 3.0326 | .36960 | .23780 | 1.2542 |
| #2 | .64980 | .50180 | .34360 | 3.0264 | .37180 | .23480 | 1.2518 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Avge | .41360 | .68930 | .57320 | .12820 | 1.8932 | .19890 | .84060 |
| SDev | .00141 | .00382 | .00057 | .00000 | .0003 | .00467 | .00141 |
| %RSD | .34193 | .55394 | .09869 | .00000 | .01494 | 2.3464 | .16824 |
| #1 | .41260 | .69200 | .57360 | .12820 | 1.8934 | .19560 | .83960 |
| #2 | .41460 | .68660 | .57280 | .12820 | 1.8930 | .20220 | .84160 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Avge | .65700 | .43810 | .18410 | 1.7373 | .17290 | .20760 |
| SDev | .00198 | .00042 | .00127 | .0030 | .00071 | .00933 |
| %RSD | .30135 | .09684 | .69136 | .17095 | .40897 | 4.4961 |
| #1 | .65560 | .43780 | .18500 | 1.7394 | .17240 | .20100 |
| #2 | .65840 | .43840 | .18320 | 1.7352 | .17340 | .21420 |

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Method: SW846-R  Slope = Conc(SIR)/IR

| Element | Wavelen | High std | low std | Slope | Y-intercept | Date Standardized |
|---|---|---|---|---|---|---|
| AL | 308.215 | Multiple | Standards | 24.3607 | -.041612 | 04/15/95 09:11:39 |
| SB | 206.838 | Multiple | Standards | 73.1504 | -.007546 | 04/15/95 09:11:39 |
| AS | 193.696 | Multiple | Standards | 13.5919 | .012733 | 04/15/95 09:11:39 |
| BA | 493.409 | Multiple | Standards | 23.3728 | -.004917 | 04/15/95 09:11:39 |
| BE | 313.042 | Multiple | Standards | 4.34256 | -.001772 | 04/15/95 09:11:39 |
| CD | 228.802 | Multiple | Standards | 14.0019 | -.002966 | 04/15/95 09:11:39 |
| CA | 317.933 | Multiple | Standards | 13.5505 | -.011604 | 04/15/95 09:11:39 |
| CR | 267.716 | Multiple | Standards | 8.95145 | -.008323 | 04/15/95 09:11:39 |
| CO | 228.616 | Multiple | Standards | 11.7300 | -.009636 | 04/15/95 09:11:39 |
| CU | [illegible] | Multiple | Standards | 17.1996 | -.010471 | 04/15/95 09:11:39 |
| FE | 259.940 | Multiple | Standards | 8.01966 | -.014039 | 04/15/95 09:11:39 |
| PB | 220.353 | Multiple | Standards | 53.0885 | -.043549 | 04/15/95 09:11:39 |
| MG | 279.079 | Multiple | Standards | 61.9471 | -.013043 | 04/15/95 09:11:39 |
| MN | 257.610 | Multiple | Standards | 3.39468 | -.000548 | 04/15/95 09:11:39 |
| NI | 231.604 | Multiple | Standards | 14.0518 | -.015841 | 04/15/95 09:11:39 |
| K | 766.491 | Multiple | Standards | 578.414 | -2.55004 | 04/15/95 09:11:39 |
| SE | 196.026 | Multiple | Standards | 17.0121 | .045951 | 04/15/95 09:11:39 |
| AG | 328.068 | Multiple | Standards | 45.5191 | -.000261 | 04/15/95 09:11:39 |
| NA | 588.995 | Multiple | Standards | 28.7676 | -.475815 | 04/15/95 09:11:39 |
| TI | 190.864 | Multiple | Standards | 98.9367 | .029007 | 04/15/95 09:11:39 |
| V | 292.402 | Multiple | Standards | 7.00291 | -.003018 | 04/15/95 09:11:39 |
| ZN | 213.856 | Multiple | Standards | 8.77925 | -.003254 | 04/15/95 09:11:39 |
| Mo2020 | 202.030 | Multiple | Standards | 13.3992 | .002933 | 04/15/95 09:11:39 |
| B_2496 | 249.678 | Multiple | Standards | 53.3892 | -.010935 | 04/15/95 09:11:39 |
| Ti3349 | 334.941 | Multiple | Standards | 11.3035 | -.008505 | 04/15/95 09:11:39 |
| Si2881 | 288.158 | Multiple | Standards | 28.1818 | -.078770 | 04/15/95 09:11:39 |
| Sn1899 | 189.989 | Multiple | Standards | 23.900[illegible] | .002325 | 04/15/95 09:11:39 |

| Element | Wavelen | High std | low std | Slope | Y-intercept | Date Standardized |
|---|---|---|---|---|---|---|

Method: SW846-R  Sample Name: HIGH STD  Operator: TCM
Run Time: 04/15/95 09:13:53
Comment:
Mode: CONC  Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.0078 | 9.8738 | 19.883 | 5.9598 | 2.0074 | 6.0035 | 49.724 |
| SDev | .0295 | .1134 | .157 | .0529 | .0245 | .0594 | .414 |
| %RSD | .49062 | 1.1488 | .79143 | .88739 | 1.2184 | .98988 | .83245 |
| #1 | 6.0287 | 9.9540 | 19.994 | 5.9972 | 2.0247 | 6.0455 | 50.017 |
| #2 | 5.9870 | 9.7935 | 19.772 | 5.9224 | 1.9901 | 5.9614 | 49.431 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 10.000 | 20.000 | 6.0000 | 2.0000 | 6.0000 | 50.000 |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 5.9522 | 5.9448 | 5.9956 | 24.600 | 19.901 | 14.910 | 3.9531 |
| SDev | .0702 | .0564 | .0438 | .240 | .135 | .201 | .0352 |
| %RSD | 1.1795 | .94835 | .73025 | .97722 | .67719 | 1.3514 | .88950 |
| #1 | 6.0018 | 5.9847 | 6.0266 | 24.770 | 19.996 | 15.052 | 3.9780 |
| #2 | 5.9026 | 5.9050 | 5.9647 | 24.430 | 19.806 | 14.768 | 3.9283 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 6.0000 | 6.0000 | 25.000 | 20.000 | 15.000 | 4.0000 |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 5.9692 | 402.22 | 9.9406 | 5.9546 | 54.640 | 20.115 | 5.9508 |
| SDev | .0002 | 5.07 | .1230 | .0517 | .785 | [illegible] | .0692 |
| %RSD | .00261 | 1.2609 | 1.2372 | .86846 | 1.4370 | .49858 | 1.1631 |
| #1 | 5.9693 | 405.81 | 10.028 | 5.9912 | 55.195 | 20.044 | 5.9998 |
| #2 | 5.9691 | 398.64 | 9.8537 | 5.9181 | 54.085 | 20.186 | 5.9019 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 400.00 | 10.000 | 6.0000 | 55.000 | 20.000 | 6.0000 |
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 5.8305 | 5.9704 | 9.9436 | 19.934 | 4.7411 | 4.9545 |
| SDev | .0695 | .0568 | .0527 | .146 | .0380 | .0441 |
| %RSD | 1.1927 | .95216 | .53022 | .73000 | .80063 | .88917 |
| #1 | 5.8797 | 6.0106 | 9.9809 | 20.037 | 4.7679 | 4.9856 |
| #2 | 5.7813 | 5.9302 | 9.9063 | 19.832 | 4.7143 | 4.9233 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 6.0000 | 6.0000 | 10.000 | 20.000 | 4.6000 | 5.0000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Range | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 | 5.0000 |

Method: SW846-R Sample Name: ICV Operator: TCM
Run Time: 04/15/95 09:16:17
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0197 | 1.0990 | .99325 | 1.0539 | 1.0249 | 1.0375 | 26.759 |
| SDev | .0172 | .0000 | .03445 | .0099 | .0049 | .0059 | .077 |
| %RSD | 1.6906 | .00304 | 3.4682 | .94094 | .47951 | .57261 | .28646 |
| #1 | 1.0075 | 1.0990 | .96889 | 1.0469 | 1.0214 | 1.0417 | 26.813 |
| #2 | 1.0319 | 1.0990 | 1.0176 | 1.0609 | 1.0284 | 1.0333 | 26.705 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 26.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | pp | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0370 | 1.[illegible]81 | 1.0490 | 1.0416 | 1.0116 | 2.0746 | 1.0790 |
| SDev | .0051 | .0017 | .0097 | .0045 | .0450 | .0263 | .0025 |
| %RSD | .48751 | .16118 | .92748 | .43493 | 4.4525 | 1.2669 | .22796 |
| #1 | 1.0334 | 1.0269 | 1.0421 | 1.0448 | .97976 | 2.0560 | 1.0772 |
| #2 | 1.0405 | 1.0293 | 1.0559 | 1.0384 | 1.0435 | 2.0932 | 1.0807 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 1.0000 | 2.0000 | 1.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .99396 | 30.304 | 1.0690 | 1.0449 | 11.471 | 1.0480 | 1.0390 |
| SDev | .00199 | .327 | .0192 | .0064 | .094 | .0559 | .0010 |
| %RSD | .20018 | 1.0797 | 1.7998 | .61578 | .81570 | 5.3378 | .09646 |
| #1 | .99255 | 30.072 | 1.0554 | 1.0403 | 11.405 | 1.0875 | 1.0398 |
| #2 | .99536 | 30.535 | 1.0826 | 1.0494 | 11.538 | 1.0084 | 1.0383 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 30.000 | 1.0000 | 1.0000 | 11.000 | 1.0000 | 1.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mg2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.0183 | 1.0543 | 1.0723 | 1.0447 | .45378 | .51412 |
| SDev | .0012 | .0171 | .0076 | .0000 | .00400 | .06760 |
| %RSD | .12175 | 1.6177 | .70435 | .00135 | .88196 | 13.148 |
| #1 | 1.0175 | 1.0422 | 1.0670 | 1.0448 | .45661 | .46632 |
| #2 | 1.0192 | 1.0663 | 1.0776 | 1.0447 | .45095 | 0.56191 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 1.0000 | 1.0000 | 1.0000 | 1.0000 | .50000 | .50000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: TCB Operator: TCM
Run Time: 04/15/95 09:20:54
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01201 | -.02214 | -.03087 | -.00024 | -.00003 | .00123 | .03311 |
| SDev | .01383 | .00001 | .01934 | .00000 | .00000 | .00594 | .00575 |
| %RSD | 115.07 | .02589 | 62.666 | .00000 | 9.5547 | 481.17 | 17.362 |
| #1 | .00224 | -.02215 | -.01719 | -.00024 | -.00003 | H.00544 | .03718 |
| #2 | .02179 | -.02214 | -.04454 | -.00024 | -.00003 | -.00297 | .02905 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00565 | -.00963 | -.00359 | -.00361 | -.01170 | .00554 | .00057 |
| SDev | .00128 | .00000 | .00000 | .00115 | .01501 | .00876 | .00036 |
| %RSD | 22.694 | .00453 | .00000 | 31.818 | 128.33 | 158.11 | 62.742 |
| #1 | -.00474 | -.00963 | -.00359 | -.00442 | -.00108 | .01174 | .00082 |
| #2 | -.00656 | -.00963 | -.00359 | -.00280 | -.02232 | -.00065 | .00032 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00178 | -1.1618 | .08806 | .00429 | -.02129 | .00927 | -.00161 |
| SDev | .00399 | .3272 | .05052 | .00643 | .04068 | .05591 | .00198 |
| %RSD | 224.40 | 28.162 | 57.368 | 150.08 | 191.12 | 602.83 | 123.15 |
| #1 | .00104 | -1.3932 | .05234 | -.00026 | .00748 | .04881 | -.00021 |
| #2 | -.00460 | -.9304B | H.12378 | .00883 | -.05005 | -.03026 | -.00300 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00465 | .00645 | .01042 | -.00059 | -.02516 | .01188 |
| SDev | .00869 | .00948 | .00000 | .00160 | .00394 | .04056 |
| %RSD | 187.11 | 146.97 | .00592 | 273.02 | 15.648 | 341.29 |
| #1 | .01079 | .01315 | .01042 | .00055 | -.02238 | .04056 |
| #2 | -.00150 | -.00025 | .01042 | -.00172 | -.02795 | -.01680 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CRII Operator: TCM
Run Time: 04/15/95 09:25:12
Comment: CRDI X2
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00508 | .16090 | .25140 | .00000 | .01026 | .01260 | .04607 |
| SDev | .01033 | .00001 | .02892 | .00000 | .00000 | .00000 | .00192 |
| %RSD | 203.40 | .00758 | 11.505 | .00000 | .00008 | .00087 | 4.1594 |
| #1 | .01239 | .16090 | .23095 | .00000 | .01026 | .01260 | .04472 |
| #2 | -.00223 | .16091 | .27186 | .00000 | .01026 | .01260 | .04743 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02505 | .11025 | .06192 | .00481 | .05776 | -.02478 | .02777 |
| SDev | .00253 | .00000 | .00000 | .00341 | .00751 | .00876 | .00000 |
| %RSD | 10.107 | .00078 | .00000 | 70.907 | 13.004 | 35.355 | .00506 |
| #1 | .02684 | .11025 | .06192 | .00722 | .05245 | -.01858 | .02777 |
| #2 | .02326 | .11025 | .06192 | .00240 | .06307 | -.03097 | .02777 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .07458 | .63626 | .25201 | .01846 | .07192 | .10611 | .10499 |
| SDev | .00595 | .40900 | .02165 | .00444 | .06103 | .15390 | .00001 |
| %RSD | 7.9834 | 64.282 | 8.5922 | 34.867 | 84.854 | [illegible] | .00467 |
| #1 | .07037 | .34705 | .26732 | .02302 | .11507 | .21493 | .10499 |
| #2 | .07879 | .92546 | .23670 | .01391 | .02877 | -.00272 | .10499 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mg2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .04222 | .10049 | .13347 | .10512 | .26539 | .15774 |
| SDev | .00372 | .00379 | .00755 | .00000 | .00799 | .05408 |
| %RSD | 8.8201 | 3.7712 | 5.6556 | .00086 | 3.0103 | 34.285 |
| #1 | .04485 | .09781 | .13881 | .10512 | .25974 | .19598 |
| #2 | .03959 | .10317 | .12813 | .10513 | .27104 | .11950 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: ICSAI Operator: TCN
Run Time: 04/15/95 09:34:04
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 487.15 | -.00010 | -.38064 | .02337 | -.00008 | .00217 | 467.47 |
| SDev | 5.41 | .02070 | .02543 | .00000 | .00000 | .00215 | 5.46 |
| %RSD | 1.1107 | 21297. | 6.6796 | .00000 | .65959 | 99.124 | 1.1679 |
| #1 | 483.33 | -.01473 | -.39862 | .02337 | -.00008 | .00065 | 463.60 |
| #2 | 490.98 | .01454 | -.36267 | .02337 | -.00008 | .00368 | 471.33 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | QC Pass |
| Value | 500.00 | | | | | | 500.00 |
| Range | 20.000 | | | | | | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02551 | .01172 | -.00172 | 179.65 | .17185 | 483.49 | -.00179 |
| SDev | .00126 | .00332 | .00243 | 1.86 | .01080 | 4.42 | .00108 |
| %RSD | 4.9514 | 28.302 | 141.42 | 1.0373 | 6.2863 | .91322 | 59.996 |
| #1 | .02640 | .01407 | .00000 | 178.33 | .16421 | 480.37 | -.00255 |
| #2 | .02462 | .00938 | -.00344 | 180.96 | .17949 | 486.61 | -.00103 |
| Errors | NOCHECK | NOCHECK | NOCHECK | QC Pass | NOCHECK | QC Pass | NOCHECK |
| Value | | | | 200.00 | | 500.00 | |
| Range | | | | 20.000 | | 20.000 | |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00711 | .11568 | .00275 | -.01563 | .17836 | .20455 | .05297 |
| SDev | .02187 | .32720 | .09119 | .00036 | .01627 | .30510 | .00035 |
| %RSD | 307.75 | 282.84 | 3314.3 | 2.2827 | 9.1239 | 149.15 | .65959 |
| #1 | .00836 | .34705 | .06723 | -.01588 | .16685 | -.01118 | .05272 |
| #2 | -.02257 | -.11568 | -.06173 | -.01538 | .18987 | .42029 | .05321 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | | |
| Range | | | | | | | |

| Elem | ZN | Mg2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.04245 | -.00000 | -.12320 | .02248 | .00430 | .04442 |
| SDev | .00428 | .01326 | .00855 | .00387 | .02598 | .00101 |
| %RSD | 10.089 | 1424e6 | 6.9410 | 17.228 | 603.82 | 2.2659 |
| #1 | -.03942 | -.00938 | -.11715 | .02522 | -.01407 | .04371 |
| #2 | -.04548 | .00938 | -.12925 | .01974 | .02267 | .04513 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | |
| Range | | | | | | |

Method: SW846-R Sample Name: ICSAB1 Operator: TCM
Run Time: 04/15/95 09:42:27
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 505.93 | .09982 | -.33110 | .54692 | .48551 | .97599 | 494.46 |
| SDev | 2.42 | .00005 | .07864 | .01322 | .00122 | .01993 | 3.17 |
| %RSD | .47863 | .04925 | 23.753 | 2.4175 | .25100 | 2.0417 | .64102 |
| #1 | 504.21 | .09986 | -.38671 | .53757 | .48465 | .96190 | 492.22 |
| #2 | 507.64 | .09979 | -.27549 | .55627 | .48637 | .99008 | 496.71 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 500.00 | | | .50000 | .50000 | 1.0000 | 500.00 |
| Range | 20.000 | | | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .51306 | .47606 | .51599 | 187.04 | 1.0992 | 494.73 | .49721 |
| SDev | .00891 | .00663 | .00000 | 1.37 | .0470 | 1.03 | .00208 |
| %RSD | 1.7373 | 1.3932 | .00000 | .73448 | 4.2750 | .20895 | .41806 |
| #1 | .50675 | .47137 | .51599 | 186.07 | 1.1324 | 494.00 | .49574 |
| #2 | .51936 | .48075 | .51599 | 188.01 | 1.0659 | 495.46 | .49868 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | .50000 | .50000 | .50000 | 200.00 | 1.0000 | 500.00 | .50000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .89842 | -1.1568 | -.04414 | 1.0203 | .20425 | -.08474 | .55048 |
| SDev | .04767 | .0000 | .00284 | .0062 | .03662 | .15580 | .00618 |
| %RSD | 5.3061 | .00000 | 6.4334 | .60374 | 17.927 | 183.85 | 1.1223 |
| #1 | .86471 | -1.1568 | -.04615 | 1.0246 | .23014 | .02543 | .54612 |
| #2 | .93213 | -1.1568 | -.04213 | 1.0159 | .17836 | -.19491 | .55485 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | NOCHECK | NOCHECK | QC Pass |
| Value | 1.0000 | | | 1.0000 | | | .50000 |
| Range | 20.000 | | | 20.000 | | | 20.000 |

| Elem | ZN | Mg2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .87805 | -.01742 | -.15387 | .02128 | -.07382 | .00050 |
| SDev | .01141 | .01137 | .01436 | .00053 | .00714 | .06010 |
| %RSD | 1.2993 | 65.271 | 9.3345 | 2.5079 | 9.6713 | 12074. |
| #1 | .88612 | -.00938 | -.16402 | .02090 | -.07887 | .04300 |
| #2 | .86998 | -.02546 | -.14371 | .02166 | -.06877 | -.04200 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | 1.0000 | | | | | |
| Range | 20.000 | | | | | |

Method: SW846-R Sample Name: ICSAI X10 DU Operator: TCM
Run Time: 04/15/95 09:45:07
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 47.093 | .05850 | .01101 | -.00234 | -.00087 | .00597 | 50.064 |
| SDev | .079 | .06206 | .01415 | .00331 | .00000 | .00396 | .182 |
| %RSD | .16824 | 106.09 | 128.58 | 141.42 | .00189 | 66.252 | .36364 |
| #1 | 47.037 | .10238 | .02101 | -.00467 | -.00087 | .00877 | 49.935 |
| #2 | 47.149 | .01462 | .00100 | .00000 | -.00087 | .00317 | 50.192 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00360 | .00352 | .00688 | 19.689 | .01636 | 47.198 | .00126 |
| SDev | .00127 | .00166 | .00000 | .042 | .00006 | .035 | .00002 |
| %RSD | 35.167 | 47.144 | .00000 | .21337 | .39002 | .07425 | 1.2511 |
| #1 | .00449 | .00469 | .00688 | 19.659 | .01640 | 47.173 | .00125 |
| #2 | .00270 | .00235 | .00688 | 19.718 | .01631 | 47.222 | .00127 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.02108 | -.23137 | -.02654 | -.00079 | .02301 | -.01456 | .00225 |
| SDev | .00198 | .32720 | .01204 | .01288 | .02441 | .00005 | .00001 |
| %RSD | 9.3908 | 141.42 | 45.369 | 1639.3 | 106.07 | .35383 | .46944 |
| #1 | -.02248 | -.46273 | -.03506 | -.00990 | .00575 | -.01452 | .00225 |
| #2 | -.01968 | .00000 | -.01803 | .00832 | .04027 | -.01460 | .00226 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00067 | -.00268 | -.02659 | -.00171 | .04612 | -.01805 |
| SDev | .00273 | .00947 | .00753 | .00323 | .00799 | .01350 |
| %RSD | 556.90 | 353.55 | 28.307 | 188.43 | 17.316 | 74.778 |
| #1 | .00197 | .00402 | -.03192 | -.00400 | .05176 | -.00851 |
| #2 | -.00331 | -.00938 | -.02127 | .00057 | .04047 | -.02759 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SWR46-R Sample Name: ICSABI X10 DII Operator: TCM
Run Time: 04/15/95 09:47:36
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 49.783 | -.04418 | -.00315 | .05142 | .04984 | .09711 | 53.865 |
| SDev | .248 | .04138 | .00551 | .00000 | .00061 | .00199 | .326 |
| %RSD | .49796 | 93.663 | 174.99 | .00000 | 1.2199 | 2.0476 | .60480 |
| #1 | 49.958 | -.01492 | .00075 | .05142 | .05027 | .09851 | 54.095 |
| #2 | 49.607 | \|-.07343 | -.00704 | .05142 | .04941 | .09570 | 53.634 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .05785 | .05628 | .06192 | 21.0[illegible]2 | .09350 | 50.406 | .05269 |
| SDev | .00130 | .00664 | .00000 | .087 | .04735 | .228 | .00074 |
| %RSD | 2.2459 | 11.788 | .00000 | .41568 | 72.033 | .45189 | 1.4073 |
| #1 | .05877 | .06098 | .06192 | 21.094 | .14112 | 50.567 | .05321 |
| #2 | .05693 | .05159 | .06192 | 20.970 | .04588 | 50.245 | .05217 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .08594 | .80978 | -.06177 | .10432 | .11507 | \|-.13759 | .06681 |
| SDev | .00994 | .16360 | .10107 | .00641 | .05696 | .16766 | .00398 |
| %RSD | 11.565 | 20.203 | 163.63 | 6.1454 | 49.477 | 121.[illegible]5 | 5.9494 |
| #1 | .09297 | .69410 | .00970 | .09979 | .15534 | -.01904 | .06962 |
| #2 | .07892 | .92546 | \|-.13323 | .10886 | .07480 | \|-.25614 | .06400 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1399 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .10433 | -.00134 | -.02732 | -.00334 | .03201 | .00656 |
| SDev | .00122 | .00379 | .00760 | .00005 | .01576 | .02033 |
| %RSD | 1.1663 | 282.84 | 27.814 | 1.6376 | 49.232 | 309.71 |
| #1 | .10519 | .00134 | -.03269 | -.00331 | .04315 | .02094 |
| #2 | .10347 | -.00402 | -.02194 | -.00338 | .02086 | -.00781 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV1 Operator: TCM
Run Time: 04/15/95 09:49:37
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9538 | 4.9937 | 10.014 | 2.9857 | .99468 | 2.9739 | 24.774 |
| SDev | .0195 | .0403 | .114 | .0147 | .00410 | .0332 | .174 |
| %RSD | .66126 | .80734 | 1.1368 | .49216 | .41186 | 1.1169 | .70211 |
| #1 | 2.9676 | 5.0222 | 10.095 | 2.9961 | .99758 | 2.9974 | 24.897 |
| #2 | 2.9400 | 4.9652 | 9.9340 | 2.9753 | .99178 | 2.9504 | 24.651 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9912 | 2.9861 | 2.9841 | 12.403 | 9.9244 | 7.4705 | 1.9844 |
| SDev | .0083 | .0253 | .0184 | .088 | .1163 | .0254 | .0161 |
| %RSD | .27915 | .84766 | .61629 | .70716 | 1.1721 | .33999 | .81031 |
| #1 | 2.9971 | 3.0040 | 2.9971 | 12.465 | 10.007 | 7.4526 | 1.9957 |
| #2 | 2.9853 | 2.9682 | 2.9711 | 12.341 | 9.8422 | 7.4885 | 1.9730 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0369 | 201.00 | 4.8395 | 2.9664 | 27.332 | 9.8854 | 2.9753 |
| SDev | .0477 | 1.07 | .0572 | .0355 | .306 | .1623 | .0065 |
| %RSD | 1.5700 | .53333 | 1.1811 | 1.1975 | 1.1187 | 1.6419 | .21873 |
| #1 | 3.0032 | 201.76 | 4.8799 | 2.9915 | 27.549 | 10.000 | 2.9799 |
| #2 | 3.0706 | 200.24 | 4.7991 | 2.9412 | 27.116 | 9.7707 | 2.9707 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | MnP0P0 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9899 | 2.9654 | 4.9533 | 9.9408 | 2.3126 | 2.4347 |
| SDev | .0244 | .0329 | .0293 | .0502 | .0223 | .0409 |
| %RSD | .81644 | 1.1088 | .59163 | .50501 | .96407 | 1.6802 |
| #1 | 3.0072 | 2.9887 | 4.9740 | 9.9742 | 2.3283 | 2.4636 |
| #2 | 2.9726 | 2.9422 | 4.9326 | 9.9053 | 2.2968 | 2.4058 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB1 Operator: TCM
Run Time: 04/15/95 09:52:38
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01626 | .00676 | -.01104 | -.00492 | -.00053 | .00256 | .08157 |
| SDev | .00982 | .02021 | .02544 | .00000 | .00059 | .00000 | .00527 |
| %RSD | 60.387 | 299.06 | 232.25 | .00000 | 110.53 | .00966 | 6.4616 |
| #1 | .02320 | -.00753 | -.02917 | -.00492 | -.00095 | .00256 | .08530 |
| #2 | .00932 | .02105 | .00709 | -.00492 | -.00012 | .00256 | .07785 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | pp | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00495 | -.[illegible]068 | -.00397 | .02072 | .02327 | .05879 | .00152 |
| SDev | .00474 | .00633 | .00920 | .00215 | .00728 | .05080 | .00044 |
| %RSD | 95.713 | 925.08 | 231.67 | 10.373 | 31.292 | 86.397 | 29.129 |
| #1 | -.00160 | .00379 | .00253 | .01920 | .01812 | .09471 | .00183 |
| #2 | -.00830 | -.00516 | -.01047 | .02224 | .02842 | .02288 | .00121 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01447 | -1.3589 | H.13662 | .00393 | .03871 | .02005 | .00226 |
| SDev | .01336 | 1.3783 | .04283 | .00592 | .01548 | .03755 | .00001 |
| %RSD | 92.348 | 101.43 | 31.347 | 150.46 | 39.997 | 187.29 | .47646 |
| #1 | -.00502 | -.38431 | H.10634 | .00811 | .04946 | -.00650 | .00225 |
| #2 | -.02392 | -2.3335 | H.16690 | -.00025 | .02776 | .04660 | .00226 |
| Errors | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | MG2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01037 | .00486 | .02019 | .00367 | -.03113 | .00234 |
| SDev | .00129 | .00000 | .01468 | .00287 | .00745 | .00000 |
| %RSD | 12.424 | .00000 | 72.708 | 78.034 | 23.943 | .09768 |
| #1 | .00946 | .00486 | .03057 | .00570 | -.02586 | .00234 |
| #2 | .01128 | .00486 | .00981 | .00165 | -.03640 | .00234 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV2 Operator: TCM
Run Time: 04/15/95 11:10:39
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.8571 | 4.8220 | 9.6355 | 3.0049 | .99768 | 2.9974 | 25.372 |
| SDev | .0196 | .0000 | .0572 | .0118 | .00411 | .0059 | .016 |
| %RSD | .68513 | .00100 | .59344 | .39121 | .41223 | .19564 | .06233 |
| #1 | 2.8709 | 4.8220 | 9.5950 | 3.0132 | .99477 | 3.0016 | 25.361 |
| #2 | 2.8433 | 4.8221 | 9.6759 | 2.9966 | 1.0006 | 2.9933 | 25.383 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9938 | 2.9839 | 2.9617 | 12.324 | 9.7250 | 7.1958 | 2.0081 |
| SDev | .0083 | .0095 | .0046 | .061 | .0727 | .0339 | .0034 |
| %RSD | .27812 | .31805 | .15524 | .49461 | .74776 | .47062 | .16680 |
| #1 | 2.9997 | 2.9906 | 2.9585 | 12.367 | 9.7764 | 7.2197 | 2.0105 |
| #2 | 2.9879 | 2.9772 | 2.9650 | 12.280 | 9.6736 | 7.1718 | 2.0058 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.1021 | 200.71 | 4.7808 | 3.0629 | 27.084 | 10.300 | 2.9629 |
| SDev | .0649 | .08 | .0571 | .0296 | .023 | .112 | .0037 |
| %RSD | 2.0920 | .03815 | 1.1952 | .96629 | .08574 | 1.0910 | .12533 |
| #1 | 3.0542 | 200.66 | 4.8212 | 3.0838 | 27.100 | 10.379 | 2.9655 |
| #2 | 3.1480 | 200.76 | 4.7404 | 3.0419 | 27.067 | 10.220 | 2.9603 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | R_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9251 | 2.9797 | 4.9799 | 10.208 | 2.3797 | 2.4620 |
| SDev | .0077 | .0121 | .0074 | .019 | .0261 | .0597 |
| %RSD | .26334 | .40655 | .14801 | .18260 | 1.0962 | 2.4246 |
| #1 | 2.9306 | 2.9711 | 4.9747 | 10.195 | 2.3981 | 2.4198 |
| #2 | 2.9197 | 2.9882 | 4.9851 | 10.221 | 2.3612 | 2.5042 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB2 Operator: TCM
Run Time: 04/15/95 11:12:52
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .03565 | .00724 | -.02947 | -.00492 | -.00094 | .00257 | .06283 |
| SDev | .00001 | .02089 | .02247 | .00000 | .00000 | .00000 | .00863 |
| %RSD | .02164 | 288.52 | 76.251 | .00000 | .15543 | .00777 | 13.733 |
| #1 | .03564 | -.00753 | -.04535 | -.00492 | -.00095 | .00257 | .06893 |
| #2 | .03565 | .02201 | -.01358 | -.00492 | -.00094 | .00256 | .05673 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00157 | -.00289 | -.00058 | .06484 | -.02776 | .01790 | .00180 |
| SDev | .00001 | .00318 | .00000 | .00323 | .00747 | .04376 | .00006 |
| %RSD | .50208 | 110.30 | .00000 | 4.9806 | 26.912 | 244.47 | 3.2254 |
| #1 | -.00156 | -.00063 | -.00058 | .06255 | -.03305 | -.01304 | .00174 |
| #2 | -.00158 | -.00514 | -.00058 | .06712 | -.02248 | .04884 | .00184 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.02106 | -1.7896 | .04888 | -.00024 | .02355 | .13172 | .00299 |
| SDev | .01484 | .1536 | .00484 | .00000 | .03139 | .09700 | .00094 |
| %RSD | 70.466 | 8.5848 | 9.9007 | .69439 | 133.25 | [illegible] | 31.499 |
| #1 | -.01057 | -1.8982 | .05230 | -.00024 | .04575 | .06312 | .00365 |
| #2 | -.03156 | -1.6810 | .04546 | -.00024 | .00136 | H.20031 | .00232 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01067 | .00444 | .03054 | .00143 | -.01387 | .01589 |
| SDev | .00132 | .00348 | .00000 | .00281 | .00368 | .01913 |
| %RSD | 12.352 | 78.258 | .00568 | 196.10 | 26.565 | 120.41 |
| #1 | .01160 | .00690 | .03054 | .00342 | -.01648 | .02942 |
| #2 | .00974 | .00198 | .03054 | -.00055 | -.01127 | .00236 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | .05000 | -.05000 |

Method: SW846-R Sample Name: CCV3 Operator: TCM
Run Time: 04/15/95 11:58:50
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9913 | 4.8304 | 9.6624 | 2.9592 | .98932 | 2.9505 | 26.272 |
| SDev | .0803 | .2710 | .5829 | .0940 | .03459 | .1348 | .140 |
| %RSD | 2.6836 | 5.6101 | 6.0322 | 3.1780 | 3.4964 | 4.5688 | .53205 |
| #1 | 3.0481 | 4.6388 | 9.2502 | 2.8927 | .96486 | 2.8552 | 26.371 |
| #2 | 2.9346 | 5.0220 | 10.075 | 3.0257 | 1.0138 | 3.0458 | 26.173 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9787 | 2.9579 | 2.9148 | 12.679 | 9.9698 | 7.5749 | 1.9898 |
| SDev | .1125 | .1145 | .1026 | .008 | .3800 | .0788 | .0761 |
| %RSD | 3.7759 | 3.8716 | 3.5195 | .06000 | 3.8115 | 1.0399 | 3.8253 |
| #1 | 2.8992 | 2.8749 | 2.8423 | 12.673 | 9.7011 | 7.6306 | 1.9360 |
| #2 | 3.0582 | 3.0389 | 2.9874 | 12.684 | 10.239 | 7.5192 | 2.0436 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0183 | 194.35 | 4.8383 | 2.8816 | 26.431 | 10.006 | 2.9778 |
| SDev | .1264 | 10.91 | .2712 | .1275 | .938 | .471 | .0797 |
| %RSD | 4.1884 | 5.6126 | 5.6051 | 4.4239 | 3.5478 | 4.7053 | 2.6776 |
| #1 | 2.9289 | 186.64 | 4.6465 | 2.7915 | 25.767 | 9.6726 | 2.9214 |
| #2 | 3.1077 | 202.06 | 5.0301 | 2.9717 | 27.094 | 10.338 | 3.0342 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | MnP020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9104 | 2.9870 | 4.8085 | 9.9392 | 2.4001 | 2.5925 |
| SDev | .1248 | .1182 | .2201 | .3916 | .0170 | .0669 |
| %RSD | 4.2888 | 3.9575 | 4.5782 | 3.9401 | .70728 | 2.5822 |
| #1 | 2.8221 | 2.9034 | 4.6528 | 9.6623 | 2.4121 | 2.5451 |
| #2 | 2.9986 | 3.0705 | 4.9641 | 10.216 | 2.3881 | 2.6398 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | [illegible].000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB3 Operator: TCM
Run Time: 04/15/95 11:59:58
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .02830 | .00726 | -.03807 | -.00492 | -.00095 | -.00296 | .15923 |
| SDev | .00342 | .02088 | .02658 | .00000 | .00000 | .00000 | .00690 |
| %RSD | 12.068 | 287.68 | 69.833 | .00000 | .00105 | .03214 | 4.3351 |
| #1 | .02588 | -.00751 | -.01927 | -.00492 | -.00095 | -.00296 | .16411 |
| #2 | .03071 | .02202 | -.05687 | -.00492 | -.00095 | -.00296 | .15435 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00321 | -.00851 | -.00882 | .04416 | .01440 | .01790 | .00119 |
| SDev | .00238 | .00477 | .00233 | .00650 | .03730 | .00875 | .00044 |
| %RSD | 74.036 | 56.081 | 26.427 | 14.711 | 258.92 | 48.894 | 37.062 |
| #1 | -.00490 | -.01188 | -.01047 | .04875 | -.01197 | .01171 | .00088 |
| #2 | -.00153 | -.00514 | -.00717 | .03956 | H.04078 | .02409 | .00150 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01843 | -1.8982 | H.10363 | -.00023 | .07904 | -.06558 | .00764 |
| SDev | .01113 | .1536 | .01936 | .00000 | .03139 | .08487 | .00001 |
| %RSD | 60.424 | 8.0935 | 18.683 | .53709 | 39.710 | 129.42 | .08381 |
| #1 | -.01055 | -1.7896 | H.11732 | -.00023 | .10123 | -.00557 | .00765 |
| #2 | -.02630 | -2.0069 | .08994 | -.00023 | .05685 | -.12560 | .00764 |
| Errors | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01810 | .00321 | .00461 | -.00054 | .00943 | .00009 |
| SDev | .00131 | .00522 | .00734 | .00000 | .00737 | .00319 |
| %RSD | 7.2531 | 162.29 | 159.18 | .31894 | 78.122 | 3387.2 |
| #1 | .01903 | -.00047 | .00979 | -.00053 | .01464 | .00235 |
| #2 | .01717 | .00690 | -.00058 | -.00054 | .00422 | -.00216 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV4 Operator: TCM
Run Time: 04/15/95 12:35:05
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9109 | 5.0360 | 10.189 | 3.0465 | 1.0486 | 3.1937 | 27.267 |
| SDev | .0340 | .0208 | .083 | .0176 | .0059 | .0137 | .136 |
| %RSD | 1.1664 | .41255 | .81902 | .57881 | .55959 | .42847 | .49999 |
| #1 | 2.9349 | 5.0507 | 10.248 | 3.0589 | 1.0527 | 3.2033 | 27.363 |
| #2 | 2.8869 | 5.0213 | 10.130 | 3.0340 | 1.0444 | 3.1840 | 27.170 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.1977 | 3.1941 | 2.9973 | 13.029 | 10.729 | 7.5502 | 2.1282 |
| SDev | .0203 | .0111 | .0070 | .086 | .037 | .0088 | .0118 |
| %RSD | .63504 | .34848 | .23337 | .65678 | .34681 | .11591 | .55433 |
| #1 | 3.2121 | 3.2019 | 3.0022 | 13.089 | 10.755 | 7.5564 | 2.1365 |
| #2 | 3.1834 | 3.1862 | 2.9923 | 12.968 | 10.702 | 7.5440 | 2.1199 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.2640 | 202.01 | 5.1382 | 3.0170 | 26.702 | Q11.090 | 3.1218 |
| SDev | .0279 | .08 | .1185 | .0290 | .153 | .061 | .0103 |
| %RSD | .85350 | .03802 | 2.3062 | .96021 | .57303 | .55049 | .33063 |
| #1 | 3.2837 | 201.95 | 5.0545 | 3.0375 | 26.594 | Q11.047 | 3.1291 |
| #2 | 3.2443 | 202.06 | 5.2220 | 2.9965 | 26.811 | Q11.133 | 3.1145 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Fail | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0850 | 3.2021 | 5.0781 | 10.585 | 2.3855 | Q2.8361 |
| SDev | .0144 | .0104 | .0073 | .035 | .0033 | .0192 |
| %RSD | .46817 | .32573 | .14360 | .33175 | .13983 | .67609 |
| #1 | 3.0952 | 3.2094 | 5.0833 | 10.609 | 2.3879 | Q2.8497 |
| #2 | 3.0748 | 3.1947 | 5.0730 | 10.560 | 2.3831 | Q2.8226 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Fail |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB4 Operator: TCM
Run Time: 04/15/95 12:37:57
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01644 | -.02234 | -.05674 | .00755 | .00031 | .00118 | .05917 |
| SDev | .00001 | .06266 | .00817 | .00000 | .00059 | .00196 | .00000 |
| %RSD | .02904 | 280.44 | 14.400 | .00000 | 187.88 | 165.03 | .00000 |
| #1 | .01644 | [-.06665 | -.06252 | .00755 | .00073 | .00257 | .05917 |
| #2 | .01643 | .02196 | -.05096 | .00755 | -.00010 | -.00020 | .05917 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00343 | -.00514 | .00272 | .07471 | .01448 | .03647 | .00123 |
| SDev | .00238 | .00000 | .00000 | .00975 | .00745 | .01750 | .00045 |
| %RSD | 69.433 | .01575 | .00000 | 13.175 | 51.441 | 48.001 | 36.228 |
| #1 | .00174 | -.00514 | .00272 | .08090 | .01975 | .02409 | .00155 |
| #2 | .00511 | -.00514 | .00272 | .06711 | .00921 | .04884 | .00092 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01844 | -1.7896 | .00097 | -.00844 | .17891 | .03751 | -.00301 |
| SDev | .01484 | .4409 | .10163 | .01157 | .00785 | .06042 | .00001 |
| %RSD | 80.444 | 25.754 | 10492. | 137.18 | 4.3858 | 161.60 | .23275 |
| #1 | -.00795 | -1.4637 | .07283 | -.00025 | .18446 | .08038 | -.00301 |
| #2 | -.02894 | -2.1155 | -.07090 | [-.01662 | .17337 | -.00535 | -.00302 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1399 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00940 | .01059 | .00978 | -.00055 | -.01378 | .04746 |
| SDev | .00133 | .00522 | .01467 | .00000 | .00369 | .03827 |
| %RSD | 14.104 | 49.251 | 150.00 | .09801 | 26.803 | 80.639 |
| #1 | .00846 | .01428 | .02015 | -.00055 | -.01116 | H.07452 |
| #2 | .01033 | .00690 | -.00059 | -.00055 | -.01639 | .02040 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351510 Operator: TCM
Run Time: 04/15/95 12:30:38
Comment: LAB # 95P1613 BBSS 15 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 66.804 | 12.622 | 1.2031 | 68.217 | .00806 | 1.4566 | 39.596 |
| SDev | .670 | .042 | .1142 | .373 | .00059 | .0142 | .105 |
| %RSD | 1.0025 | .33426 | 9.4880 | .54712 | 7.3538 | .97170 | .26586 |
| #1 | 66.331 | 12.652 | 1.2838 | 67.954 | .00848 | 1.4466 | 39.522 |
| #2 | 67.278 | 12.593 | 1.1224 | 68.481 | .00764 | 1.4666 | 39.671 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.1214 | .59195 | 10.298 | H604.[illegible] | 106.88 | 32.361 | 3.8061 |
| SDev | .0643 | .00793 | .068 | 5.31 | .66 | .245 | .0282 |
| %RSD | 1.0496 | 1.3402 | .65662 | .87781 | .62059 | .75727 | .74103 |
| #1 | 6.0759 | .58634 | 10.250 | H600.69 | 106.41 | 32.187 | 3.7862 |
| #2 | 6.1668 | .59756 | 10.345 | H608.19 | 107.35 | 32.534 | 3.8260 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.3137 | 4.0738 | .04513 | L-.06350 | 3.3735 | L-.93308 | .43438 |
| SDev | .0289 | .0768 | .05508 | .00102 | .0000 | .1844B | .00273 |
| %RSD | 1.2492 | 1.8856 | 122.04 | 1.6064 | .00000 | 19.771 | .62811 |
| #1 | 2.2933 | 4.0195 | .08408 | L-.06422 | 3.3735 | L-1.0635 | .43245 |
| #2 | 2.3342 | 4.1281 | .00619 | L-.06278 | 3.3735 | L-.80263 | .43631 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | MnP0P0 | B_2496 | Ti3349 | Si2881 | Sn1099 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 74.938 | .48308 | L-.11196 | 11.681 | 5.7734 | 2.6768 |
| SDev | .518 | .00348 | .02650 | .070 | .0582 | .0220 |
| %RSD | .69132 | .71970 | 23.671 | .60093 | 1.0081 | .82126 |
| #1 | 74.572 | .48042 | L-.13070 | 11.631 | 5.7323 | 2.6612 |
| #2 | 75.304 | .48553 | L-.09322 | 11.731 | 5.8146 | 2.6923 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351510 X10 Operator: TCM
Run Time: 04/15/95 12:33:01
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.9552 | 1.3105 | .11789 | 7.0884 | .00160 | .15123 | 4.2465 |
| SDev | .0274 | .0417 | .03448 | .0441 | .00000 | .00195 | .0069 |
| %RSD | .39386 | 3.1796 | 29.250 | .62191 | .27066 | 1.2919 | .16255 |
| #1 | 6.9359 | 1.3399 | .09351 | 7.0572 | .00160 | .14985 | 4.2416 |
| #2 | 6.9746 | 1.2810 | .14228 | 7.1195 | .00161 | .15261 | 4.2514 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .69166 | .06502 | 1.0749 | 68.635 | 11.492 | 3.4347 | .40555 |
| SDev | .01905 | .00159 | .0023 | .000 | .052 | .0175 | .00239 |
| %RSD | 2.7548 | 2.4372 | .21690 | .00000 | .45450 | .50963 | .58849 |
| #1 | .70513 | .06614 | 1.0733 | 68.635 | 11.529 | 3.4223 | .40386 |
| #2 | .67819 | .06390 | 1.0766 | 68.635 | 11.455 | 3.4471 | .40724 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .26474 | .59749 | -.01917 | (-.01134 | .43834 | -.08151 | .03853 |
| SDev | .00551 | .07682 | .05322 | .01158 | .02354 | .16985 | .00278 |
| %RSD | 2.0793 | 12.856 | 277.67 | 102.07 | 5.3704 | 208.37 | 7.2173 |
| #1 | .26085 | .65181 | -.05480 | -.00316 | .42169 | (-.20162 | .04050 |
| #2 | .26864 | .54318 | .01847 | (-.01953 | .45498 | .03859 | .03657 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | MG2020 | B_2496 | TI3349 | SI2881 | SN1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 8.0858 | .04794 | .00464 | 1.2116 | .59613 | .33454 |
| SDev | .0289 | .00348 | .00734 | .0084 | .00016 | .00318 |
| %RSD | .35735 | 7.2524 | 158.14 | .69565 | .02651 | .95186 |
| #1 | 8.1062 | .04548 | -.00055 | 1.2056 | .59602 | .33679 |
| #2 | 8.0654 | .05040 | .00983 | 1.2176 | .59624 | .33229 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 1[illegible].00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351511 Operator: TCM
Run Time: 04/15/95 13:12:46
Comment: LAR # 9521613 BB5516 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 38.583 | 1.3503 | 2.2415 | 12.770 | .00335 | .09194 | 101.71 |
| SDev | .458 | .0208 | .1287 | .075 | .00058 | .00489 | 1.77 |
| %RSD | 1.1863 | 1.5395 | 5.7436 | .57535 | 17.276 | 5.3144 | 1.7441 |
| #1 | 38.260 | 1.3356 | 2.1504 | 12.718 | .00294 | .09539 | 100.46 |
| #2 | 38.907 | 1.3650 | 2.3325 | 12.822 | .00375 | .08848 | 102.97 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.4955 | .21213 | 5.3400 | H1082.5 | 21.079 | 22.316 | 7.0753 |
| SDev | .0179 | .01113 | .0443 | 10.8 | .313 | .298 | .0786 |
| %RSD | 1.1967 | 5.2475 | .82957 | 1.0009 | 1.4843 | 1.3334 | 1.1106 |
| #1 | 1.4829 | .20426 | 5.3087 | H1074.8 | 20.858 | 22.106 | 7.0198 |
| #2 | 1.5082 | .22000 | 5.3714 | H1090.1 | 21.300 | 22.527 | 7.1309 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.1881 | 4.2368 | -.07192 | L-.15608 | 2.2888 | L-1.9089 | .52209 |
| SDev | .0050 | 1.8436 | .08853 | .00787 | .0196 | .1775 | .00668 |
| %RSD | .42354 | 43.514 | 123.10 | 5.0431 | .85710 | 9.2969 | 1.2796 |
| #1 | 1.1916 | 2.9331 | L-.13451 | L-.16165 | 2.2749 | L-1.7834 | .51736 |
| #2 | 1.1845 | 5.5404 | -.00932 | L-.15051 | 2.3027 | L-2.0344 | .52681 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 16.816 | .15488 | L-.36875 | 1.5515 | 3.6276 | 1.4546 |
| SDev | .256 | .00869 | .01316 | .0143 | .0621 | .1015 |
| %RSD | 1.5216 | 5.6120 | 3.5683 | .92388 | 1.7115 | 6.9789 |
| #1 | 16.635 | .14873 | L-.35945 | 1.5414 | 3.5837 | 1.3828 |
| #2 | 16.997 | .16103 | L-.37806 | 1.5616 | 3.6715 | 1.5263 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351511 X10 Operator: TCM
Run Time: 04/15/95 13:16:22
Comment: LAR # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.9393 | .20588 | .25420 | 1.3383 | -.00051 | .01037 | 11.123 |
| SDev | .0239 | .02093 | .01613 | .0059 | .00000 | .00393 | .047 |
| %RSD | .60652 | 10.166 | 6.3457 | .43920 | .27308 | 37.874 | .41891 |
| #1 | 3.9225 | .22048 | .24279 | 1.3424 | -.00051 | .01314 | 11.156 |
| #2 | 3.9562 | .19108 | .26561 | 1.3341 | -.00051 | .00759 | 11.090 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .15944 | .02357 | .55395 | 130.51 | 2.3541 | 2.4507 | .76983 |
| SDev | .00595 | .00477 | .00933 | .23 | .0447 | .0350 | .00104 |
| %RSD | 3.7346 | 20.241 | 1.6836 | .17338 | 1.8997 | 1.4285 | .13486 |
| #1 | .15523 | .02020 | .56055 | 130.67 | 2.3225 | 2.4260 | .77056 |
| #2 | .16365 | .02695 | .54736 | 130.35 | 2.3857 | 2.4755 | .76909 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .11406 | 1.4123 | .10468 | -.00766 | .21085 | [-.34143 | .05786 |
| SDev | .01851 | 1.0754 | .03614 | .01141 | .00000 | .04025 | .00089 |
| %RSD | 16.230 | 76.150 | 34.544 | 151.59 | .00000 | [illegible] | 1.5310 |
| #1 | .10097 | .65181 | .07911 | .00055 | .21085 | [-.29883 | .05723 |
| #2 | .12715 | 2.1727 | .13025 | [-.01587 | .21085 | [-.38404 | .05848 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.8583 | .01229 | [-.07011 | .16265 | .36304 | .14710 |
| SDev | .0185 | .00869 | .00012 | .00001 | .00006 | .01926 |
| %RSD | .99725 | 70.711 | .17338 | .00567 | .01772 | 13.091 |
| #1 | 1.8714 | .01844 | [-.07020 | .16266 | .36308 | .16072 |
| #2 | 1.8452 | .00615 | [-.07002 | .16265 | .36299 | .13349 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351512 Operator: TCM
Run Time: 04/15/95 13:18:58
Comment: LAR # 9521613
Mode: CONC Corr. Factor: 1

BBSS17 SOIL

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 40.087 | .18761 | 1.1522 | 10.999 | .00250 | .05676 | 91.649 |
| SDev | .150 | .04179 | .0028 | .054 | .00001 | .00586 | .494 |
| %RSD | .37482 | 22.278 | .23980 | .50765 | .29251 | 10.318 | .53852 |
| #1 | 39.981 | .21716 | 1.1503 | 11.039 | .00251 | .05262 | 91.300 |
| #2 | 40.194 | .15805 | 1.1542 | 10.960 | .00250 | .06090 | 91.998 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .74904 | .15500 | 8.2186 | H599.21 | 22.629 | 21.227 | 5.1834 |
| SDev | .00242 | .00318 | .0303 | .05 | .149 | .035 | .0074 |
| %RSD | .32283 | 2.0524 | .36880 | .00812 | .65856 | .16492 | .14277 |
| #1 | .74733 | .15275 | 8.2401 | H599.24 | 22.524 | 21.202 | 5.1886 |
| #2 | .75075 | .15725 | 8.1972 | H599.17 | 22.734 | 21.252 | 5.1782 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.0575 | 3.8565 | -.02767 | L-.04446 | 2.7576 | L-1.0627 | .26218 |
| SDev | .0038 | .2304 | .03634 | .00578 | .0392 | .2425 | .00469 |
| %RSD | .18384 | 5.9756 | 131.33 | 13.007 | 1.4227 | 22.820 | 1.7889 |
| #1 | 2.0548 | 4.0195 | -.00197 | L-.04037 | 2.7299 | L-.89118 | .25886 |
| #2 | 2.0601 | 3.6936 | -.05336 | L-.04855 | 2.7854 | L-1.2341 | .26549 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 17.956 | .24830 | L-.17661 | 1.3167 | 8.1664 | 1.3629 |
| SDev | .034 | .00522 | .00003 | .0041 | .0148 | .0159 |
| %RSD | .19197 | 2.1003 | .01481 | .31356 | .18178 | 1.1679 |
| #1 | 17.931 | .24461 | L-.17662 | 1.3196 | 8.1769 | 1.3516 |
| #2 | 17.980 | .25199 | L-.17659 | 1.3138 | 8.1559 | 1.3741 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351512 X10 Operator: TCM
Run Time: 04/15/95 13:23:53
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.9787 | .01432 | .13253 | 1.0993 | -.00005 | .00872 | 9.4594 |
| SDev | .0034 | .08358 | .02857 | .0029 | .00059 | .00198 | .0311 |
| %RSD | .08644 | 583.60 | 21.553 | .26734 | 1255.8 | 22.666 | .32838 |
| #1 | 3.9742 | .07342 | .11233 | 1.1014 | -.00046 | .00732 | 9.4375 |
| #2 | 3.9811 | -.04478 | .15273 | 1.0972 | .00037 | .01011 | 9.4814 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .07679 | .01572 | .82598 | 66.074 | 2.4280 | 2.1722 | .53721 |
| SDev | .0018 | .0318 | .00700 | .241 | .0149 | .0088 | .00237 |
| %RSD | 1.5392 | 20.239 | .84684 | .36544 | .61448 | .40292 | .44176 |
| #1 | .07595 | .01798 | .83093 | 65.903 | 2.4385 | 2.1784 | .53553 |
| #2 | .07762 | .01347 | .82104 | 66.245 | 2.4174 | 2.1660 | .53889 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .21374 | .70613 | -.03390 | .00042 | .26633 | I-.19736 | .03009 |
| SDev | .01116 | .07682 | .08241 | .00583 | .04708 | .00041 | .00090 |
| %RSD | 5.2202 | 10.879 | 243.10 | 1386.9 | 17.678 | .20830 | 2.9867 |
| #1 | .20585 | .76045 | -.09217 | -.00370 | .23304 | I-.19707 | .03072 |
| #2 | .22163 | .65181 | .02437 | .00454 | .29962 | I-.19765 | .02945 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.8564 | .01352 | -.03031 | .12864 | .77990 | .12586 |
| SDev | .0132 | .00348 | .00721 | .00280 | .02206 | .03840 |
| %RSD | .71250 | 25.713 | 23.786 | 2.1787 | 2.8288 | 30.508 |
| #1 | 1.8471 | .01106 | -.03540 | .13062 | .76430 | .09871 |
| #2 | 1.8658 | .01598 | -.02521 | .12666 | .79550 | .15301 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351513 Operator: TCM
Run Time: 04/15/95 13:26:54
Comment: LAB # 9521613 BBSS18 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 58.180 | .32685 | .99158 | 11.288 | .00403 | .10439 | 120.94 |
| SDev | .191 | .04174 | .01670 | .076 | .00000 | .00407 | .31 |
| %RSD | .32875 | 12.771 | 1.6842 | .67691 | .08510 | 3.8974 | .25969 |
| #1 | 58.045 | .29733 | .97977 | 11.234 | .00404 | .10151 | 120.72 |
| #2 | 58.315 | .35636 | 1.0034 | 11.342 | .00403 | .10727 | 121.16 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.0988 | [illegible]92 | 4.8669 | H376.80 | 21.735 | 21.623 | 4.8260 |
| SDev | .0072 | .00159 | .0280 | 1.79 | .216 | .210 | .0294 |
| %RSD | .34091 | 1.2172 | .57488 | .47529 | .99441 | .97142 | .60931 |
| #1 | 2.0937 | .13205 | 4.8471 | H375.54 | 21.582 | 21.475 | 4.8052 |
| #2 | 2.1038 | .12979 | 4.8867 | H378.07 | 21.888 | 21.772 | 4.8468 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .85076 | 6.7354 | .03164 | -.00082 | 2.1778 | L-.71926 | .34760 |
| SDev | .00738 | .9218 | .12442 | .00035 | .0589 | .05183 | .00220 |
| %RSD | .86732 | 13.686 | 393.25 | 42.250 | 2.7023 | 7.2061 | .63271 |
| #1 | .84555 | 7.3872 | -.05634 | -.00107 | 2.2194 | L-.68261 | .34604 |
| #2 | .85598 | 6.0836 | .11962 | -.00058 | 2.1362 | L-.75591 | .34915 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 12.951 | .07006 | L-.09864 | 1.8891 | 5.9086 | 2.3406 |
| SDev | .020 | .00000 | .00096 | .0071 | .0586 | .0373 |
| %RSD | .15523 | .00000 | .97533 | .37428 | .99230 | 1.5937 |
| #1 | 12.965 | .07006 | L-.09796 | 1.8841 | 5.8671 | 2.3670 |
| #2 | 12.937 | .07006 | L-.09932 | 1.8941 | 5.9500 | 2.3142 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351513 X10 Operator: TCM
Run Time: 04/15/95 13:35:50
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 5.8344 | .04291 | .12342 | 1.1222 | -.00006 | .01330 | 12.320 |
| SDev | .0170 | .04181 | .02670 | .0059 | .00059 | .00391 | .017 |
| %RSD | .29210 | 97.455 | 21.636 | .52378 | 1044.5 | 29.368 | .14007 |
| #1 | 5.8464 | .01334 | .10454 | 1.1263 | -.00047 | .01606 | 12.308 |
| #2 | 5.8223 | .07247 | .14231 | 1.1180 | .00036 | .01054 | 12.332 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .22907 | .01680 | .48636 | 40.264 | 2.2895 | 2.2155 | .49550 |
| SDev | .00477 | .00477 | .00233 | .021 | .0000 | .0175 | .00190 |
| %RSD | 2.0838 | 28.425 | .47939 | .05107 | .00062 | .79006 | .38286 |
| #1 | .23244 | .01342 | .48801 | 40.249 | 2.2895 | 2.2279 | .49416 |
| #2 | .22569 | .02017 | .48471 | 40.278 | 2.2895 | 2.2032 | .49684 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .09066 | 1.7382 | .03975 | .01187 | .26078 | -.09814 | .03626 |
| SDev | .01296 | 1.0754 | .00969 | .00579 | .00785 | .07277 | .00187 |
| %RSD | 14.298 | 61.872 | 24.378 | 48.747 | 3.0070 | [illegible] | 5.1501 |
| #1 | .08150 | 2.4986 | .03289 | .01596 | .25523 | -.14959 | .03758 |
| #2 | .09983 | .97772 | .04660 | .00778 | .26633 | -.04668 | .03494 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.3327 | -.00492 | -.02682 | .18468 | .59408 | .21335 |
| SDev | .0106 | .00869 | .02200 | .00000 | .00375 | .04147 |
| %RSD | .79590 | 176.78 | 82.046 | .00217 | .63087 | 19.436 |
| #1 | 1.3402 | -.01106 | -.04238 | .18468 | .59143 | .18403 |
| #2 | 1.3252 | .00123 | -.01126 | .18468 | .59673 | .24267 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351514 Operator: TCM
Run Time: 04/15/95 13:37:53
Comment: LAR # 95P1613 EBSS19 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 44.080 | 1.5708 | 1.2601 | 22.659 | .00246 | .43816 | 148.41 |
| SDev | .041 | .0203 | .0752 | .076 | .00001 | .01151 | .25 |
| %RSD | .09295 | 1.2932 | 5.9691 | .33721 | .22393 | 2.6275 | .16977 |
| #1 | 44.051 | 1.5851 | 1.2069 | 22.714 | .00247 | .43002 | 148.23 |
| #2 | 44.109 | 1.5564 | 1.3133 | 22.605 | .00246 | .44631 | 148.59 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 27.132 | .26866 | 7.9499 | 8585.34 | 32.312 | 17.056 | 7.0346 |
| SDev | .090 | .00480 | .0140 | 2.30 | .171 | .140 | .0251 |
| %RSD | .33306 | 1.7881 | .17597 | .39288 | .53061 | .82102 | .35692 |
| #1 | 27.196 | .26527 | 7.9598 | 8586.97 | 32.191 | 17.155 | 7.0524 |
| #2 | 27.068 | .27206 | 7.9400 | 8583.72 | 32.433 | 16.957 | 7.0169 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.3579 | 3.8565 | .02185 | (-.05114 | 1.7672 | (-.92515 | .28779 |
| SDev | .0463 | .6913 | .05699 | .00043 | .0196 | .11703 | .00353 |
| %RSD | 1.9620 | 17.927 | 260.81 | .84207 | 1.1101 | 12.650 | 1.2278 |
| #1 | 2.3906 | 4.3454 | .06215 | (-.05084 | 1.7811 | (-.84240 | .28529 |
| #2 | 2.3252 | 3.3677 | -.01845 | (-.05144 | 1.7533 | (-1.0079 | .29028 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 38.151 | .21511 | (-.13802 | 2.2176 | 6.1267 | 1.4146 |
| SDev | .055 | .00695 | .01591 | .0098 | .0115 | .0204 |
| %RSD | .14315 | 3.2325 | 11.528 | .44028 | .18752 | 1.4389 |
| #1 | 38.113 | .22003 | (-.14928 | 2.2245 | 6.1186 | 1.4289 |
| #2 | 38.190 | .21019 | (-.12677 | 2.2107 | 6.1349 | 1.4002 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351514 X10 Operator: TCM
Run Time: 04/15/95 13:39:57
Comment: LAB # 95P1613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 4.6118 | .14280 | .19196 | 2.3566 | .00036 | .04336 | 16.052 |
| SDev | .0172 | .04162 | .03896 | .0118 | .00001 | .00392 | .091 |
| %RSD | .37233 | 29.148 | 20.297 | .49884 | 1.6135 | 9.0432 | .56977 |
| #1 | 4.5997 | .17223 | .21950 | 2.3449 | .00036 | .04613 | 16.117 |
| #2 | 4.6239 | .11337 | .16441 | 2.3482 | .00037 | .04059 | 15.988 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.1003 | .02482 | .83093 | 67.293 | 3.5952 | 1.7947 | .76388 |
| SDev | .0262 | .00158 | .00000 | .155 | .0820 | .0175 | .00017 |
| %RSD | .84503 | 6.3740 | .00000 | .23008 | 2.2818 | .97532 | .02185 |
| #1 | 3.1188 | .02594 | .83093 | 67.402 | 3.5372 | 1.8071 | .76377 |
| #2 | 3.0818 | .02370 | .83093 | 67.183 | 3.6532 | 1.7823 | .76400 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .25793 | .65181 | .11215 | .01703 | .19975 | (-.18334 | .03502 |
| SDev | .00749 | .00000 | .05575 | .00582 | .06277 | .02384 | .00374 |
| %RSD | 2.9028 | .00000 | 49.711 | 34.202 | 31.427 | 13.005 | 10.667 |
| #1 | .26322 | .65181 | .15158 | .02115 | .24414 | (-.16648 | .03766 |
| #2 | .25263 | .65181 | .07273 | .01291 | .15536 | (-.20020 | .03238 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mb2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 4.1791 | .00369 | -.03615 | .22932 | .61444 | .15511 |
| SDev | .0318 | .00348 | .00008 | .00139 | .00390 | .02225 |
| %RSD | .76087 | 94.281 | .23008 | .60803 | .63521 | 14.341 |
| #1 | 4.2016 | .00615 | -.03621 | .22834 | .61168 | .13938 |
| #2 | 4.1566 | .00123 | -.03609 | .23031 | .61720 | .17084 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351515 Operator: TCM
Run Time: 04/15/95 13:42:06
Comment: LAB # 9521613 BBSS20 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 28.304 | .16363 | .70851 | 3.8569 | .00233 | 6.7535 | 97.675 |
| SDev | .038 | .02090 | .06704 | .0176 | .00000 | .0136 | .050 |
| %RSD | .13269 | 12.774 | 9.4652 | .45718 | .17354 | .20080 | .05124 |
| #1 | 28.331 | .17842 | .75593 | 3.8694 | .00233 | 6.7631 | 97.640 |
| #2 | 28.278 | .14885 | .66109 | 3.8445 | .00233 | 6.7439 | 97.711 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.2142 | .36714 | 11.402 | 4566.48 | 5.5037 | 4.9943 | 5.7590 |
| SDev | .0012 | .00159 | .028 | 1.26 | .0074 | .0788 | .0007 |
| %RSD | .05273 | .43347 | .24538 | .22247 | .13479 | 1.5772 | .01201 |
| #1 | 2.2134 | .36827 | 11.422 | 4565.59 | 5.5090 | 4.9386 | 5.7585 |
| #2 | 2.2150 | .36602 | 11.382 | 4567.37 | 5.4985 | 5.0500 | 5.7595 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.5270 | 2.3357 | .01865 | L-.04635 | 1.1902 | L-1.0561 | .37265 |
| SDev | .0111 | .5377 | .00557 | .00023 | .0275 | .0750 | .00259 |
| %RSD | .72848 | 23.022 | 29.885 | .50564 | 2.3076 | 7.1056 | .69526 |
| #1 | 1.5192 | 2.7159 | .01471 | L-.04652 | 1.1707 | L-1.0031 | .37448 |
| #2 | 1.5349 | 1.9554 | .02259 | L-.04619 | 1.2096 | L-1.1092 | .37081 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | MO2020 | B_2496 | TI3349 | SI2881 | SN1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 6.3650 | .30238 | L-.25243 | .93619 | 6.4568 | .57145 |
| SDev | .0028 | .00522 | .00068 | .00140 | .0073 | .00570 |
| %RSD | .04406 | 1.7247 | .24819 | .14907 | .11326 | .99702 |
| #1 | 6.3670 | .29870 | L-.25195 | .93718 | 6.4619 | .57548 |
| #2 | 6.3630 | .30607 | L-.25290 | .93521 | 6.4516 | .56742 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351515 X10 Operator: TCM
Run Time: 04/15/95 13:44:44
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9399 | .01306 | .08390 | .39899 | .00036 | .73238 | 10.475 |
| SDev | .0102 | .04174 | .04076 | .00000 | .00000 | .01368 | .031 |
| %RSD | .34824 | 319.58 | 48.585 | .00000 | .01096 | 1.8679 | .29655 |
| #1 | 2.9471 | .04258 | .11272 | .39899 | .00036 | .72270 | 10.453 |
| #2 | 2.9327 | -.01645 | .05508 | .39899 | .00036 | .74205 | 10.497 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .27618 | .03703 | 1.1837 | 64.073 | .64631 | .48272 | .61644 |
| SDev | .00714 | .00159 | .0047 | .051 | .02984 | .05251 | .00091 |
| %RSD | 2.5839 | 4.3029 | .39393 | .07943 | 4.6169 | 10.879 | .14729 |
| #1 | .28123 | .03591 | 1.1870 | 64.037 | .66741 | .51985 | .61579 |
| #2 | .27113 | .03816 | 1.1804 | 64.109 | .62521 | .44558 | .61708 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .14707 | .38022 | .07633 | .01642 | .12762 | [illegible]-.18514 | .03793 |
| SDev | .01668 | .38408 | .04110 | .00578 | .07062 | .01206 | .00003 |
| %RSD | 11.345 | 101.02 | 53.851 | 35.173 | 55.337 | [illegible] | .06606 |
| #1 | .13527 | .65181 | .10539 | .02051 | .07768 | [illegible]-.19367 | .03791 |
| #2 | .15887 | .10863 | .04726 | .01234 | .17755 | [illegible]-.17662 | .03794 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | MN2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .70210 | .02581 | -.04999 | .09502 | .68301 | .01875 |
| SDev | .00530 | .00695 | .00731 | .00001 | .01832 | .02873 |
| %RSD | .75551 | 26.937 | 14.626 | .00724 | 2.6823 | 153.22 |
| #1 | .70585 | .02090 | [illegible]-.05516 | .09501 | .69597 | -.00156 |
| #2 | .69835 | .03073 | -.04482 | .09502 | .67006 | .03906 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV5 Operator: TCM
Run Time: 04/15/95 13:46:45
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9638 | 4.9480 | 9.9882 | 2.9629 | .99261 | 2.9884 | 24.900 |
| SDev | .0073 | .0421 | .0202 | .0149 | .00336 | .0074 | .074 |
| %RSD | .24638 | .85039 | .20202 | .50396 | .33877 | .24868 | .29746 |
| #1 | 2.9586 | 4.9777 | 9.9739 | 2.9734 | .99023 | 2.9936 | 24.848 |
| #2 | 2.9690 | 4.9182 | 10.002 | 2.9523 | .99499 | 2.9831 | 24.953 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9635 | 2.9967 | 2.9703 | 12.177 | 9.9426 | 7.3824 | 1.9801 |
| SDev | .0133 | .0134 | .0071 | .535 | .0203 | .0265 | .0128 |
| %RSD | .44824 | .44803 | .24063 | 4.3890 | .20414 | .35862 | .64629 |
| #1 | 2.9729 | 2.9872 | 2.9754 | 12.575 | 9.9569 | 7.4011 | 1.9891 |
| #2 | 2.9541 | 3.0062 | 2.9653 | 11.818 | 9.9282 | 7.3637 | 1.9710 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0232 | 201.07 | 5.0789 | 2.9914 | 27.216 | 9.7900 | 2.9737 |
| SDev | .0152 | .16 | .0026 | .0059 | .058 | .0096 | .0037 |
| %RSD | .50129 | .07787 | .05185 | .19569 | .21316 | .09793 | .12384 |
| #1 | 3.0339 | 201.18 | 5.0808 | 2.9873 | 27.257 | 9.7968 | 2.9763 |
| #2 | 3.0124 | 200.96 | 5.0771 | 2.9956 | 27.175 | 9.7832 | 2.9711 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9742 | 2.9825 | 4.9802 | 9.9471 | 2.3196 | 2.4485 |
| SDev | .0219 | .0065 | .0866 | .0172 | .0034 | .0272 |
| %RSD | .73647 | .21889 | 1.7399 | .17336 | .14585 | 1.1091 |
| #1 | 2.9897 | 2.9871 | 4.9189 | 9.9349 | 2.3220 | 2.4293 |
| #2 | 2.9587 | 2.9779 | 5.0414 | 9.9593 | 2.3172 | 2.4677 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB5 Operator: TCM
Run Time: 04/15/95 13:49:34
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01191 | -.00749 | -.01886 | .00142 | .00099 | .00225 | .07459 |
| SDev | .00351 | .04216 | .00408 | .00299 | .00057 | .00000 | .01697 |
| %RSD | 29.493 | 563.08 | 21.628 | 210.65 | 57.039 | .19036 | 22.755 |
| #1 | .00943 | -.03730 | -.01598 | .00353 | .00139 | .00226 | .08660 |
| #2 | .01439 | .02232 | -.02175 | -.00069 | .00059 | .00225 | .06259 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00878 | -.00541 | .00469 | -.01772 | .02769 | -.00056 | .00278 |
| SDev | .00116 | .00597 | .00238 | .05380 | .00004 | .00000 | .00195 |
| %RSD | 13.218 | 110.17 | 50.792 | 303.73 | .13305 | .00000 | 70.348 |
| #1 | -.00960 | -.00120 | .00638 | .02033 | .02771 | -.00056 | .00416 |
| #2 | -.00796 | -.00963 | .00301 | -.05576 | .02766 | -.00056 | .00140 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01346 | -1.2215 | .03452 | -.00026 | .20395 | .00632 | .00274 |
| SDev | .01679 | .0000 | .01852 | .00000 | .08287 | .07475 | .00450 |
| %RSD | 124.67 | .00000 | 50.707 | .27159 | 40.634 | 1182.5 | 164.07 |
| #1 | -.02533 | -1.2215 | .04961 | -.00026 | .24255 | -.04653 | -.00044 |
| #2 | -.00159 | -1.2215 | .02342 | -.00026 | .14535 | .05918 | .00593 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00118 | .01322 | .02470 | .00463 | -.00368 | .02172 |
| SDev | .00128 | .00326 | .02156 | .00796 | .00698 | .00552 |
| %RSD | 108.48 | 24.683 | 87.305 | 171.83 | 189.68 | 25.402 |
| #1 | .00209 | .01553 | .03994 | .01025 | -.00861 | .02562 |
| #2 | .00028 | .01092 | .00945 | -.00100 | .00126 | .01782 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pas- | I.C Pass | I.C Pass |
| High | .02000 | .05000 | .05000 | [illegible] | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351516 Operator: TCM
Run Time: 04/15/95 13:54:56
Comment: IAR # 9521613
Mode: CONC Corr. Factor: 1

BBSS21 SOIL

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 37.438 | .16285 | .76409 | 4.4683 | .00364 | .58215 | 241.67 |
| SDev | .487 | .00020 | .05691 | .0627 | .00002 | .01696 | 1.82 |
| %RSD | 1.3004 | .12041 | 7.4486 | 1.4035 | .41542 | 2.9135 | .75472 |
| #1 | 37.093 | .16299 | .80434 | 4.4240 | .00365 | .57016 | 240.38 |
| #2 | 37.782 | .16272 | .72385 | 4.5127 | .00363 | .59415 | 242.96 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.6989 | .0[illegible]04 | 4.0128 | H392.13 | 10.726 | 22.826 | 2.8677 |
| SDev | .0327 | .00150 | .0500 | 3.89 | .115 | .159 | .0320 |
| %RSD | 1.2099 | 1.5808 | 1.2468 | .99089 | 1.0675 | .69590 | 1.1161 |
| #1 | 2.6758 | .09411 | 3.9775 | H389.39 | 10.645 | 22.714 | 2.8451 |
| #2 | 2.7220 | .09398 | 4.0482 | H394.88 | 10.807 | 22.938 | 2.8903 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. High | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .69735 | 3.1000 | -.05635 | .16161 | 1.5822 | I-.33950 | .96411 |
| SDev | .00117 | .7829 | .06232 | .00077 | .0000 | .10329 | .00968 |
| %RSD | .16781 | 25.254 | 110.60 | .47384 | .00000 | 30.425 | 1.0041 |
| #1 | .69818 | 2.5464 | I-.10042 | .16107 | 1.5822 | I-.26646 | .95726 |
| #2 | .69652 | 3.6535 | -.01228 | .16215 | 1.5822 | I-.41254 | .97095 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 17.317 | .06347 | I-.20557 | 1.2482 | 6.3589 | 3.6885 |
| SDev | .244 | .00490 | .00209 | .0096 | .0951 | .0625 |
| %RSD | 1.4075 | 7.7139 | 1.0154 | .76734 | 1.4952 | 1.6935 |
| #1 | 17.145 | .06694 | I-.20409 | 1.2414 | 6.2917 | 3.6444 |
| #2 | 17.490 | .06001 | I-.20704 | 1.2550 | 6.4261 | 3.7327 |
| Errors | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

000168

Method: SW846-R Sample Name: 351516 X10 Operator: TCM
Run Time: 04/15/95 13:57:00
Comment: LAB # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.9111 | -.00171 | .04431 | .46457 | -.00054 | .08104 | 25.786 |
| SDev | .0397 | .00001 | .01857 | .00299 | .00000 | .00919 | .201 |
| %RSD | 1.0148 | .83392 | 41.907 | .64282 | .02121 | 11.340 | .77793 |
| #1 | 3.9392 | -.00172 | .03118 | .46668 | -.00054 | .07454 | 25.928 |
| #2 | 3.8831 | -.00170 | .05743 | .46246 | -.00054 | .08754 | 25.644 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .28591 | .00623 | .43969 | 44.848 | 1.1772 | 2.4835 | .31906 |
| SDev | .00225 | .00298 | .00477 | .422 | .0067 | .0000 | .00183 |
| %RSD | .78591 | 47.864 | 1.0837 | .94176 | .57104 | .00000 | .57233 |
| #1 | .28750 | .00834 | .44306 | 45.147 | 1.1820 | 2.4835 | .32035 |
| #2 | .28432 | .00412 | .43632 | 44.550 | 1.1725 | 2.4835 | .31777 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .07393 | -.05536 | .00122 | .02989 | .26663 | -.07589 | .09391 |
| SDev | .01514 | .23486 | .02057 | .00605 | .02072 | .12892 | .00007 |
| %RSD | 20.482 | 424.26 | 1692.5 | 20.231 | 7.7704 | 169.87 | .07843 |
| #1 | .08464 | -.22143 | -.01333 | .03416 | .25198 | -.16705 | .09396 |
| #2 | .06323 | .11071 | .01576 | .02561 | .28128 | .01527 | .09386 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.8676 | -.00231 | -.04445 | .12331 | .65105 | .41226 |
| SDev | .0167 | .00653 | .00697 | .00394 | .00002 | .03316 |
| %RSD | .89676 | 282.84 | 15.681 | 3.1973 | .00327 | 8.0434 |
| #1 | 1.8794 | .00231 | -.03952 | .12052 | .65103 | .43570 |
| #2 | 1.8557 | -.00692 | -.04938 | .12610 | .65106 | .38881 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351517 Operator: TCM
Run Time: 04/15/95 13:59:05
Comment: LAR # 9521613 BBSS22 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 80.015 | .85266 | 1.2382 | 48.309 | .00495 | 1.1790 | 153.27 |
| SDev | .119 | .04231 | .0071 | .334 | .00055 | .0146 | .47 |
| %RSD | .14882 | 4.9623 | .57506 | .69237 | 11.201 | 1.2422 | .30808 |
| #1 | 79.930 | .88258 | 1.2432 | 48.072 | .00534 | 1.1893 | 152.93 |
| #2 | 80.099 | .82274 | 1.2332 | 48.545 | .00456 | 1.1686 | 153.60 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 11.289 | .43062 | 6.0647 | 14482.98 | 189.25 | 32.636 | 14.810 |
| SDev | .024 | .00597 | .0310 | 1.33 | .03 | .212 | .042 |
| %RSD | .20868 | 1.3871 | .51068 | .27621 | .01432 | .64897 | .42059 |
| #1 | 11.272 | .43485 | 6.0428 | 14482.03 | 189.27 | 32.486 | 14.766 |
| #2 | 11.306 | .42640 | 6.0866 | 14483.92 | 189.23 | 32.785 | 14.854 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C High | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.2608 | 5.0928 | -.00155 | I-.06289 | 3.4897 | I-1.0800 | .37867 |
| SDev | .0218 | .9394 | .04699 | .00572 | .0207 | .0083 | .00342 |
| %RSD | 1.7322 | 18.446 | 3033.7 | 9.0926 | .59371 | .76724 | .90188 |
| #1 | 1.2454 | 4.4285 | -.03478 | I-.05885 | 3.4750 | I-1.0858 | .38108 |
| #2 | 1.2762 | 5.7571 | .03168 | I-.06694 | 3.5043 | I-1.0741 | .37625 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Low | I.C Pass | I.C Low | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 8223.76 | .15119 | .01026 | 19.134 | 9.6520 | 1.7523 |
| SDev | .82 | .00490 | .00072 | .106 | .0530 | .0048 |
| %RSD | .36427 | 3.2387 | 6.9875 | .55453 | .54883 | .27242 |
| #1 | 8223.19 | .14772 | .01076 | 19.059 | 9.6146 | 1.7557 |
| #2 | 8224.34 | .15465 | .00975 | 19.209 | 9.6895 | 1.7490 |
| Errors | I.C High | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: 351517 X10 Operator: TCM
Run Time: 04/15/95 14:01:19
Comment: IAR # 9521613 SOIL
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 8.1806 | .11119 | .10550 | 4.9730 | -.00085 | .12756 | 16.454 |
| SDev | .0000 | .04216 | .04858 | .0239 | .00056 | .00003 | .020 |
| %RSD | .00005 | 37.915 | 46.050 | .48041 | 66.160 | .02752 | .12191 |
| #1 | 8.1806 | .08138 | .13985 | 4.9561 | -.00124 | .12754 | 16.440 |
| #2 | 8.1806 | .14100 | .07115 | 4.9899 | -.00045 | .12759 | 16.468 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 1.2702 | .04597 | .61490 | 54.169 | 20.314 | 3.4508 | 1.5858 |
| SDev | .0000 | .00596 | .00000 | .386 | .169 | .0088 | .0105 |
| %RSD | .00005 | 12.977 | .00000 | .71218 | .83196 | .25573 | .66091 |
| #1 | 1.2702 | .05019 | .61490 | 53.896 | 20.433 | 3.4445 | 1.5784 |
| #2 | 1.2702 | .04175 | .61490 | 54.442 | 20.194 | 3.4570 | 1.5933 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .15882 | -.11071 | .06960 | -.00644 | .38090 | -.11263 | .03476 |
| SDev | .01179 | .15657 | .04184 | .00007 | .00000 | .15950 | .00007 |
| %RSD | 7.4262 | 141.42 | 60.110 | 1.1467 | .00000 | 141.61 | .20646 |
| #1 | .15048 | -.22143 | .04002 | -.00649 | .38090 | -.22542 | .03470 |
| #2 | .16716 | .00000 | .09919 | -.00639 | .38090 | .00015 | .03481 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mo2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 24.418 | .01154 | -.02401 | 1.9649 | .94862 | .20360 |
| SDev | .021 | .01306 | .00021 | .0080 | .01770 | .03314 |
| %RSD | .08447 | 113.14 | .86312 | .40488 | 1.8663 | 16.277 |
| #1 | 24.404 | .00231 | -.02386 | 1.9592 | .96114 | .18016 |
| #2 | 24.433 | .02077 | -.02416 | 1.9705 | .93610 | .22703 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CRIF Operator: TCM
Run Time: 04/15/95 14:03:32
Comment: CRDI X2
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .05921 | .11925 | .20130 | .01689 | .00895 | .01049 | .09929 |
| SDev | .00354 | .08429 | .00604 | .00299 | .00000 | .00000 | .00309 |
| %RSD | 5.9797 | 70.682 | 3.0013 | 17.678 | .04747 | .01962 | 3.1082 |
| #1 | .05670 | .17886 | .19703 | .01901 | .00895 | .01049 | .10147 |
| #2 | .06171 | .05965 | .20557 | .01478 | .00895 | .01049 | .09711 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.04000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01612 | .09912 | .05391 | .48744 | .08496 | .04992 | .03287 |
| SDev | .00337 | .00298 | .00238 | .02841 | .02046 | .03530 | .00016 |
| %RSD | 20.922 | 3.0103 | 4.4194 | 5.8284 | 24.086 | 70.711 | .48153 |
| #1 | .01851 | .09701 | .05559 | .46735 | .07049 | .02496 | .03299 |
| #2 | .01374 | .10123 | .05222 | .50753 | .09943 | .07488 | .03276 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .07963 | .00000 | .24243 | .02563 | .04395 | .26855 | .09455 |
| SDev | .01512 | 1.0960 | .03239 | .00001 | .02901 | .01082 | .00272 |
| %RSD | 18.996 | .00000 | 13.360 | .04706 | 65.997 | 4.0281 | 2.8784 |
| #1 | .09032 | .77499 | .21953 | .02562 | .02344 | .27620 | .09263 |
| #2 | .06893 | -.77499 | .26533 | .02564 | .06446 | .26090 | .09648 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .03819 | .09348 | .11169 | .09935 | .22571 | .12057 |
| SDev | .00832 | .00816 | .00718 | .00000 | .02483 | .02197 |
| %RSD | 21.797 | 8.7297 | 6.4297 | .00025 | 11.000 | 18.222 |
| #1 | .04408 | .08771 | .10662 | .09935 | .24327 | .10504 |
| #2 | .03230 | .09925 | .11677 | .09935 | .20816 | .13611 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: TCSAF Operator: TCM
Run Time: 04/15/95 14:14:05
Comment:
Mode: CONC Corr. Factor: 1

| Elem | Al | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 468.83 | .10445 | .49898 | .01478 | -.00164 | -.00459 | 455.39 |
| SDev | 2.01 | .06321 | .09362 | .00597 | .00055 | .00550 | 1.36 |
| %RSD | .42934 | 60.515 | 18.762 | 40.406 | 33.742 | 119.70 | .29886 |
| #1 | 467.40 | .14915 | .43279 | .01901 | -.00203 | -.00071 | 454.43 |
| #2 | 470.25 | .05976 | .56518 | .01056 | -.00125 | -.00848 | 456.35 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | QC Pass |
| Value | 500.00 | | | | | | 500.00 |
| Range | 20.000 | | | | | | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01159 | .00000 | -.01011 | 166.51 | .04791 | 476.05 | -.00136 |
| SDev | .00336 | .00597 | .00238 | .46 | .03253 | 1.48 | .00026 |
| %RSD | 28.960 | 148080. | 23.570 | .27432 | 67.905 | .31143 | 19.231 |
| #1 | -.00922 | -.00421 | -.00842 | 166.18 | .02490 | 475.01 | -.00155 |
| #2 | -.01396 | .00422 | -.01179 | 166.83 | .07091 | 477.10 | -.00118 |
| Errors | NOCHECK | NOCHECK | NOCHECK | QC Pass | NOCHECK | QC Pass | NOCHECK |
| Value | | | | 200.00 | | 500.00 | |
| Range | | | | 20.000 | | 20.000 | |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01827 | -.55357 | .07413 | -.03138 | .17580 | -.06498 | .03483 |
| SDev | .00502 | .46972 | .06246 | .00606 | .03315 | .03266 | .00461 |
| %RSD | 27.506 | 84.853 | 84.262 | 19.322 | 18.854 | 50.262 | 13.228 |
| #1 | -.01471 | -.88571 | .11830 | -.03567 | .15236 | -.04188 | .03157 |
| #2 | -.02182 | -.22143 | .02996 | -.02709 | .19924 | -.08807 | .03808 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | | |
| Range | | | | | | | |

| Elem | ZN | Mg2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.22390 | -.00577 | -.14034 | .02261 | -.02732 | -.00517 |
| SDev | .00538 | .00816 | .02134 | .00023 | .00784 | .04836 |
| %RSD | 2.4037 | 141.42 | 15.210 | 1.0207 | 28.684 | 1322.6 |
| #1 | -.22770 | -.01154 | -.15543 | .02245 | -.02178 | .04317 |
| #2 | -.22009 | .00000 | -.12524 | .02277 | -.03286 | -.05351 |
| Errors | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | | | | | | |
| Range | | | | | | |

Method: SW846-R Sample Name: ICSABF Operator: TCM
Run Time: 04/15/95 14:18:04
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 475.07 | .02758 | .52562 | .48357 | .47115 | .94858 | 470.17 |
| SDev | .08 | .04214 | .03305 | .00597 | .00001 | .01659 | .40 |
| %RSD | .01587 | 152.79 | 6.2880 | 1.2351 | .00181 | 1.7487 | .08500 |
| #1 | 475.13 | -.00222 | .50225 | .47935 | .47114 | .93685 | 469.88 |
| #2 | 475.02 | .05737 | .54899 | .48780 | .47115 | .96031 | 470.45 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 500.00 | | | .50000 | .50000 | 1.0000 | 500.00 |
| Range | 20.000 | | | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .45275 | .46067 | .46665 | 171.09 | .98604 | 487.69 | .46866 |
| SDev | .00222 | .00149 | .00000 | .26 | .07499 | .92 | .00097 |
| %RSD | .48986 | .32389 | .00000 | .15349 | 7.6053 | .18819 | .20789 |
| #1 | .45118 | .46173 | .46665 | 171.27 | 1.0391 | 488.34 | .46935 |
| #2 | .45431 | .45962 | .46665 | 170.90 | .93302 | 487.04 | .46797 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | .50000 | .50000 | .50000 | 200.00 | 1.0000 | 500.00 | .50000 |
| Range | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 | 20.000 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .87796 | -.71964 | .05564 | .91975 | .19045 | -.20209 | .52949 |
| SDev | .00001 | .39143 | .09263 | .01187 | .00414 | .08648 | .00547 |
| %RSD | .00099 | 54.393 | 166.47 | 1.2902 | 2.1757 | 42.794 | 1.0333 |
| #1 | .87797 | -.99642 | .12114 | .91136 | .18752 | -.26324 | .53336 |
| #2 | .87796 | -.44285 | -.00985 | .92814 | .19338 | -.14094 | .52562 |
| Errors | QC Pass | NOCHECK | NOCHECK | QC Pass | NOCHECK | NOCHECK | QC Pass |
| Value | 1.0000 | | | 1.0000 | | | .50000 |
| Range | 20.000 | | | 20.000 | | | 20.000 |

| Elem | ZN | MnP020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .88993 | .00000 | -.14789 | .02500 | -.05147 | .00690 |
| SDev | .00376 | .01306 | .00014 | .00007 | .02510 | .02759 |
| %RSD | .42291 | .00000 | .09539 | .26813 | 48.762 | 399.96 |
| #1 | .89259 | .00923 | -.14799 | .02495 | -.06922 | .02640 |
| #2 | .88727 | -.00923 | -.14779 | .02505 | -.03372 | -.01261 |
| Errors | QC Pass | NOCHECK | NOCHECK | NOCHECK | NOCHECK | NOCHECK |
| Value | 1.0000 | | | | | |
| Range | 20.000 | | | | | |

Method: SW846-R Sample Name: TCSAF X10 DTU Operator: TCM
Run Time: 04/15/95 14:24:37
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 45.044 | .01481 | .07452 | -.00211 | -.00079 | -.00753 | 47.342 |
| SDev | .610 | .06322 | .03714 | .00000 | .00056 | .00183 | .395 |
| %RSD | 1.3535 | 426.83 | 49.842 | .00000 | 71.060 | 24.348 | .83440 |
| #1 | 44.613 | -.02989 | .04826 | -.00211 | -.00039 | -.00624 | 47.063 |
| #2 | 45.475 | .05952 | .10079 | -.00211 | -.00118 | -.00883 | 47.622 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Low | I.C. Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .01410 | -.00106 | -.00505 | 17.822 | .00069 | 47.075 | -.00115 |
| SDev | .00222 | .00149 | .00000 | .132 | .01301 | .335 | .00004 |
| %RSD | 15.745 | 140.85 | .00000 | .74244 | 1894.8 | .71236 | 3.6329 |
| #1 | .01253 | -.00000 | -.00505 | 17.728 | -.00851 | 46.838 | -.00118 |
| #2 | .01567 | -.00211 | -.00505 | 17.915 | .00988 | 47.312 | -.00112 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01068 | -.71964 | -.01304 | .00340 | .12599 | -.03186 | -.00246 |
| SDev | .00503 | .07829 | .01389 | .00003 | .02901 | .03213 | .00002 |
| %RSD | 47.134 | 10.879 | 106.49 | .74517 | 23.022 | 100.85 | .80255 |
| #1 | -.00712 | -.77499 | -.00322 | .00338 | .14650 | -.00914 | -.00248 |
| #2 | -.01424 | -.66428 | -.02287 | .00342 | .10548 | -.05457 | -.00245 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mn2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00214 | -.01500 | -.02484 | -.00606 | .01176 | .01738 |
| SDev | .00125 | .00163 | .00007 | .00139 | .01435 | .00556 |
| %RSD | 58.116 | 10.879 | .28614 | 22.965 | 122.03 | 31.984 |
| #1 | .00126 | -.01616 | -.02479 | -.00704 | .02191 | .01345 |
| #2 | .00303 | -.01385 | -.02489 | -.00508 | .00161 | .02131 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SWA46-R Sample Name: ICSAB X10 DU Operator: TCM
Run Time: 04/15/95 14:29:57
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 46.979 | -.03017 | .05034 | .04435 | .04620 | .09566 | 50.069 |
| SDev | .188 | .04219 | .01859 | .00000 | .00001 | .00369 | .005 |
| %RSD | .39912 | 139.82 | 36.933 | .00000 | .02127 | 3.8534 | .00925 |
| #1 | 46.846 | -.00034 | .03719 | .04435 | .04621 | .09306 | 50.072 |
| #2 | 47.111 | -.06000 | .06349 | .04435 | .04620 | .09827 | 50.066 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 500.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 500.00 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .06716 | .0[illegible]70 | .03875 | 18.789 | .12749 | 49.390 | .04586 |
| SDev | .00560 | .00000 | .00477 | .072 | .07393 | .026 | .00042 |
| %RSD | 8.3417 | .00361 | 12.298 | .38276 | 57.989 | .05360 | .91644 |
| #1 | .06320 | .05270 | .04212 | 18.840 | .07521 | 49.409 | .04615 |
| #2 | .07112 | .05270 | .03538 | 18.738 | .17977 | 49.371 | .04556 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 200.00 | 100.00 | 200.00 | 200.00 | 500.00 | 500.00 | 100.00 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .09756 | .38750 | .02984 | .08808 | .13185 | -.06545 | .05443 |
| SDev | .04029 | .39143 | .13403 | .00000 | .00414 | .09605 | .00630 |
| %RSD | 41.295 | 101.02 | 449.11 | .00183 | 3.1427 | 146.75 | 11.566 |
| #1 | .06907 | .11071 | -.06493 | .08808 | .12892 | .00247 | .04998 |
| #2 | .12605 | .66428 | .12462 | .08808 | .13478 | -.13337 | .05888 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 500.00 | 100.00 | 50.000 | 500.00 | 100.00 | 100.00 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.10000 | -.05000 |

| Elem | ZN | Mg2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .10384 | -.00692 | -.03045 | -.00561 | .01944 | .01401 |
| SDev | .00127 | .00979 | .02155 | .00133 | .01435 | .01094 |
| %RSD | 1.2247 | 141.42 | 70.779 | 23.657 | 73.840 | 78.059 |
| #1 | .10473 | .00000 | -.01521 | -.00467 | .02958 | .00428 |
| #2 | .10294 | -.01385 | -.04569 | -.00655 | .00929 | .02175 |
| Errors | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass | I.C Pass |
| High | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| Low | -.02000 | -.05000 | -.05000 | -.05000 | -.05000 | -.05000 |

Method: SW846-R Sample Name: CCV6 Operator: TCM
Run Time: 04/15/95 14:32:23
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 2.9596 | 5.0519 | 10.051 | 2.9268 | 1.0093 | 3.0303 | 25.859 |
| SDev | .0037 | .0421 | .113 | .0090 | .0056 | .0388 | .094 |
| %RSD | .12353 | .83400 | 1.1275 | .30611 | .55476 | 1.2789 | .36400 |
| #1 | 2.9570 | 5.0817 | 9.9705 | 2.9205 | 1.0053 | 3.0029 | 25.793 |
| #2 | 2.9622 | 5.0221 | 10.131 | 2.9331 | 1.0132 | 3.0577 | 25.926 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 5.0000 | 10.000 | 3.0000 | 1.0000 | 3.0000 | 25.000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0561 | 3.0929 | 2.9397 | 11.957 | 10.176 | 7.6378 | 2.0172 |
| SDev | .0045 | .0000 | .0048 | .058 | .013 | .0353 | .0018 |
| %RSD | .14600 | .00005 | .16209 | .48409 | .13264 | .46217 | .08893 |
| #1 | 3.0593 | 3.0929 | 2.9363 | 11.998 | 10.186 | 7.6129 | 2.0160 |
| #2 | 3.0530 | 3.0929 | 2.9431 | 11.916 | 10.167 | 7.6628 | 2.0185 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 3.0000 | 12.500 | 10.000 | 7.5000 | 2.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | NI | K | SE | AG | NA | TI | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0230 | 197.96 | 5.1299 | 2.9622 | 26.818 | 10.326 | 3.0143 |
| SDev | .0554 | 2.97 | .0693 | .0119 | .319 | .107 | .0027 |
| %RSD | 1.8332 | 1.5028 | 1.3512 | .40216 | 1.1[illegible] | 1.0[illegible] | .08990 |
| #1 | 2.9838 | 195.85 | 5.0809 | 2.9538 | 26.593 | 10.402 | 3.0162 |
| #2 | 3.0622 | 200.06 | 5.1790 | 2.9707 | 27.044 | 10.251 | 3.0124 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 200.00 | 5.0000 | 3.0000 | 27.500 | 10.000 | 3.0000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

| Elem | ZN | MA2020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | 3.0009 | 3.0283 | 4.9705 | 10.053 | 2.3231 | 2.5711 |
| SDev | .0090 | .0392 | .0648 | .060 | .0178 | .0384 |
| %RSD | .30029 | 1.2935 | 1.3037 | .59344 | .76516 | 1.4931 |
| #1 | 2.9945 | 3.0006 | 4.9247 | 10.011 | 2.3105 | 2.5440 |
| #2 | 3.0073 | 3.0560 | 5.0163 | 10.095 | 2.3356 | 2.5983 |
| Errors | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass | QC Pass |
| Value | 3.0000 | 3.0000 | 5.0000 | 10.000 | 2.3000 | 2.5000 |
| Range | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 | 10.000 |

Method: SW846-R Sample Name: CCB6 Operator: TCM
Run Time: 04/15/95 14:34:31
Comment:
Mode: CONC Corr. Factor: 1

| Elem | AL | SB | AS | BA | BE | CD | CA |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .05280 | -.02249 | -.06216 | -.00281 | .00139 | .00356 | .10296 |
| SDev | .01077 | .02103 | .03248 | .00299 | .00000 | .00185 | .00463 |
| %RSD | 20.400 | 93.538 | 52.255 | 106.44 | .30493 | 51.825 | 4.4960 |
| #1 | .06042 | -.03736 | -.08513 | -.00069 | .00139 | .00226 | .10624 |
| #2 | .04519 | -.00761 | -.03919 | -.00492 | .00140 | .00486 | .09969 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .20000 | .06000 | .10000 | .20000 | .00500 | .00500 | 5.0000 |
| Low | -.20000 | -.06000 | -.10000 | -.20000 | -.00500 | -.00500 | -5.0000 |

| Elem | CR | CO | CU | FE | PB | MG | MN |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | .00530 | -.00542 | -.00373 | .00560 | .01106 | .03688 | .00303 |
| SDev | .00664 | .00298 | .00000 | .00599 | .04720 | .01765 | .00017 |
| %RSD | 125.11 | 54.992 | .00000 | 106.94 | 426.84 | 47.860 | 5.4838 |
| #1 | .00061 | -.00753 | -.00373 | .00984 | -.02232 | .02440 | .00291 |
| #2 | .01000 | -.00331 | -.00373 | .00137 | H.04444 | .04936 | .00314 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .01000 | .05000 | .02500 | .10000 | .03000 | 5.0000 | .01500 |
| Low | -.01000 | -.05000 | -.02500 | -.10000 | -.03000 | -5.0000 | -.01500 |

| Elem | NI | K | SE | AG | NA | TL | V |
|---|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.01228 | -1.3322 | .07575 | -.00026 | .26548 | -.04649 | -.00111 |
| SDev | .00504 | .1566 | .00442 | .00001 | .04558 | .02130 | .00272 |
| %RSD | 41.081 | 11.753 | 6.0937 | 2.9649 | 17.169 | 45.809 | 244.72 |
| #1 | -.00871 | -1.4429 | .07249 | -.00026 | .29771 | -.03143 | .00081 |
| #2 | -.01585 | -1.2215 | .07902 | -.00027 | .23325 | -.06155 | -.00304 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .04000 | 5.0000 | .10000 | .01000 | 5.0000 | .15000 | .05000 |
| Low | -.04000 | -5.0000 | -.10000 | -.01000 | -5.0000 | -.15000 | -.05000 |

| Elem | ZN | MnP020 | B_2496 | Ti3349 | Si2881 | Sn1899 |
|---|---|---|---|---|---|---|
| Units | ppm | ppm | ppm | ppm | ppm | ppm |
| Avge | -.00007 | .00745 | .02977 | -.00005 | -.04375 | .01785 |
| SDev | .00386 | .00163 | .01440 | .00132 | .00710 | .01097 |
| %RSD | 5676.7 | 21.895 | 48.355 | 2424.7 | 16.224 | 61.469 |
| #1 | .00266 | .00861 | .01959 | -.00099 | -.04877 | .01009 |
| #2 | -.00280 | .00630 | .03995 | .00088 | -.03873 | .02561 |
| Errors | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass | I.C. Pass |
| High | .02000 | .05000 | .05000 | .10000 | .05000 | .05000 |
| Low | -.02000 | -.05000 | -.05000 | -.10000 | -.05000 | -.05000 |

# NYTEST ENVIRONMENTAL INC.
## Furnace Analysis Cover Page

Analyst: Yelena Borodo

Element: AS

Date: 04-11-95

Instrument ID: Z3030 #2

WSL File Name: AS0411.WSL

Start Time: 7:00

Txt/Bak File Name:

End Time:

Calibration Date: 04-11-95

Int. Time: 5.0 sec

| | |
|---|---|
| Standard Source: | Spex |
| Standard Lot Number: | 4-52AS |
| Standard Preparation Date: | 04-11-95 |
| Standard Expiration Date: | 01-15-96 |
| Standard Preparation Logbook Page: | |

| NONCLP |
|---|
| |
| 23502 |
| 23503 |
| 23504 |
| 23515 |

| CLP |
|---|
| |
| 23407 |

Re iewed By:

Yelena Bonoda 23030#2 04/11/95

AS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.029 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.036 | 0.002 | 0.035 |

READ: 0.002

0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.037 | 0.026 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.028 | -0.007 | 0.036 |

READ: -0.007

MEAN= -0.003 STD.DEV.= 0.005 COEF.VAR.= 99.99 %

**********

0.000 AUTOZERO

**********

AS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.971 | 0.890 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.547 | 0.479 | 0.068 |

READ: 0.482

100

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.977 | 0.905 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.542 | 0.472 | 0.070 |

READ: 0.475

MEAN= 0.479 STD.DEV.= 0.005 COEF.VAR.= 1.01 %

**********

100.0 STANDARD 1

**********

AS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.494 | 0.464 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.304 | 0.258 | 0.046 |

READ: 54.4

50

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.490 | 0.446 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.291 | 0.241 | 0.050 |

READ: 51.0

MEAN= 52.7 STD.DEV.= 2.4 COEF.VAR.= 4.60 %

**********

50.0 STANDARD 2

**********

AS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.266 | 0.236 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.162 | 0.121 | 0.042 |

READ: 3.8

25

(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.266 | 0.242 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.169 | 0.127 | 0.042 |

READ: 25.1

---

MEAN= 24.5 STD.DEV.= 1.0 COEF.VAR.= 3.89 %

**********

24.7 STANDARD 3

**********

AS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.132 | 0.104 | 0.033 |
| PEAK AREA (ABS-SECONDS) | 0.083 | 0.048 | 0.034 |

READ: 9.8

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.141 | 0.111 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.087 | 0.051 | 0.036 |

READ: 10.4

---

MEAN= 10.1 STD.DEV.= 0.4 COEF.VAR.= 4.05 %

**********

10.1 STANDARD 4

**********

AS 0006

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.908 | 0.838 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.500 | 0.440 | 0.060 |

READ: 91.7

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.863 | 0.820 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.491 | 0.434 | 0.057 |

READ: 90.4

---

MEAN= 91.1 STD.DEV.= 1.0 COEF.VAR.= 1.05 %

**********

AS 0007

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.026 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.031 | 0.005 | 0.026 |

READ: 1.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.026 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.004 | 0.029 |

READ: 1.3

---

MEAN= 1.4 STD.DEV.= 0.1 COEF.VAR.= 7.75 %

**********

AS 0008

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.122 | 0.117 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.083 | 0.045 | 0.035 |

READ: 9.7

CRA

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.117 | 0.036 | 0.029 |
| PEAK AREA (ABS-SECONDS) | 0.080 | 0.042 | 0.038 |

READ: 8.6

MEAN= 9.2 STD.DEV.= 0.8 COEF.VAR.= 8.62 %

AS 0009

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.492 | 0.454 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.297 | 0.251 | 0.045 |

READ: 50.6

ccv1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.474 | 0.423 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.295 | 0.244 | 0.051 |

READ: 49.1

MEAN= 49.9 STD.DEV.= 1.1 COEF.VAR.= 2.27 %

AS 0010

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.035 | 0.026 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.040 | 0.004 | 0.036 |

READ: 1.2

ccb

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.037 | 0.035 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.035 | 0.002 | 0.033 |

READ: 0.9

MEAN= 1.1 STD.DEV.= 0.2 COEF.VAR.= 21.80 %

AS 0011

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.341 | 0.158 | 0.254 |
| PEAK AREA (ABS-SECONDS) | 0.290 | 0.096 | 0.194 |

19.1

23407-01 2x 0

AS 0012

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.447 | 0.341 | 0.280 |
| PEAK AREA (ABS-SECONDS) | 0.337 | 0.144 | 0.193 |

28.6

10

AS 0013

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.510 | 0.310 | 0.289 |
| PEAK AREA (ABS-SECONDS) | 0.399 | 0.196 | 0.202 |

39.1

20

AS 0014

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.597 | 0.372 | 0.306 |
| PEAK AREA (ABS-SECONDS) | 0.431 | 0.227 | 0.204 |

45.6

X= 44.5 30 r=0.9948

AS 0015

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.698 | 0.159 | 0.650 |
| PEAK AREA (ABS-SECONDS) | 0.496 | 0.064 | 0.432 |

12.8

23407-02 0

AS 0016

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.858 | 0.211 | 0.676 |
| PEAK AREA (ABS-SECONDS) | 0.579 | 0.130 | 0.449 |

25.9

10

AS 0017

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.835 | 0.260 | 0.726 |
| PEAK AREA (ABS-SECONDS) | 0.636 | 0.173 | 0.463 |

34.4

20

AS 0018

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.943 | 0.348 | 0.760 |
| PEAK AREA (ABS-SECONDS) | 0.669 | 0.206 | 0.463 |

41.2

X= 15.5 30 r= 987

AS 0019

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.535 | 0.102 | 0.461 |
| PEAK AREA (ABS-SECONDS) | 0.353 | 0.054 | 0.299 |

10.8

23407-03 0

AS 0020

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.612 | 0.226 | 0.444 |
| PEAK AREA (ABS-SECONDS) | 0.409 | 0.118 | 0.291 |

23.4

10

AS 0021

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.602 | 0.245 | 0.464 |
| PEAK AREA (ABS-SECONDS) | 0.472 | 0.172 | 0.300 |

34.3 20

**********

AS 0022

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.716 | 0.296 | 0.474 |
| PEAK AREA (ABS-SECONDS) | 0.507 | 0.207 | 0.300 |

41.4 30 r= .9919 x= 11.8

**********

AS 0023

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.566 | 0.141 | 0.477 |
| PEAK AREA (ABS-SECONDS) | 0.310 | 0.058 | 0.252 |

11.7 23407-04 2x 0

**********

AS 0024

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.626 | 0.234 | 0.454 |
| PEAK AREA (ABS-SECONDS) | 0.370 | 0.117 | 0.253 |

23.2 10

**********

AS 0025

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.700 | 0.312 | 0.506 |
| PEAK AREA (ABS-SECONDS) | 0.429 | 0.167 | 0.262 |

33.2 20

**********

AS 0026

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.785 | 0.339 | 0.488 |
| PEAK AREA (ABS-SECONDS) | 0.464 | 0.209 | 0.255 |

41.9 r= .997 30 x= 24.8

**********

AS 0027

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.456 | 0.190 | 0.358 |
| PEAK AREA (ABS-SECONDS) | 0.297 | 0.093 | 0.204 |

18.5 23407-01 2x 0

**********

AS 0028

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.571 | 0.262 | 0.350 |
| PEAK AREA (ABS-SECONDS) | 0.357 | 0.153 | 0.204 |

30.5 10

**********

AS 0029

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.692 | 0.383 | 0.369 |
| PEAK AREA (ABS-SECONDS) | 0.414 | 0.201 | 0.213 |

40.2

**********

AS 0030

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.722 | 0.401 | 0.388 |
| PEAK AREA (ABS-SECONDS) | 0.449 | 0.236 | 0.212 |

47.4

r=.993 X=41.6

**********

AS 0031

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.485 | 0.420 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.289 | 0.235 | 0.054 |

47.2

CCV2

**********

AS 0032

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.020 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.003 | 0.031 |

1.2

CCB

**********

AS 0033

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.847 | 0.161 | 0.771 |
| PEAK AREA (ABS-SECONDS) | 0.518 | 0.079 | 0.434 |

15.7

03407-02

**********

AS 0034

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.879 | 0.218 | 0.728 |
| PEAK AREA (ABS-SECONDS) | 0.581 | 0.126 | 0.455 |

25.1

**********

AS 0035

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.912 | 0.304 | 0.770 |
| PEAK AREA (ABS-SECONDS) | 0.661 | 0.178 | 0.483 |

35.5

**********

AS 0036

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.018 | 0.428 | 0.814 |
| PEAK AREA (ABS-SECONDS) | 0.691 | 0.216 | 0.475 |

43.4

r=.998 X=17.3

**********

AS 0037

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.572 | 0.182 | 0.482 |
| PEAK AREA (ABS-SECONDS) | 0.362 | 0.07[illegible] | 0.291 |

14.2 23407-03 0

**********

AS 0038

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.645 | 0.191 | 0.494 |
| PEAK AREA (ABS-SECONDS) | 0.405 | 0.118 | 0.288 |

23.4 10

**********

AS 0039

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.708 | 0.274 | 0.488 |
| PEAK AREA (ABS-SECONDS) | 0.468 | 0.170 | 0.298 |

33.8 20

**********

AS 0040

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.715 | 0.323 | 0.528 |
| PEAK AREA (ABS-SECONDS) | 0.503 | 0.207 | 0.296 |

41.8 r=.997 30 X= 15.8

**********

AS 0041

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.490 | 0.432 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.292 | 0.232 | 0.060 |

46.6 CW3

**********

AS 0042

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.041 | 0.028 | 0.035 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.005 | 0.042 |

1.5 CC8

**********

AS 0043

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.010 | 0.006 |
| PEAK AREA (ABS-SECONDS) | -0.007 | -0.001 | -0.006 |

READ: 0.4 PBS 04/10 95

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.009 | 0.012 | 0.007 |
| PEAK AREA (ABS-SECONDS) | -0.004 | 0.001 | -0.006 |

READ: 0.8

MEAN= 0.6 STD.DEV.= 0.3 COEF.VAR.= 49.66 %

**********

AS 0044

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.210 | 0.155 | 0.116 |
| PEAK AREA (ABS-SECONDS) | 0.217 | 0.105 | 0.112 |

READ: 20.9 A 106%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.198 | 0.170 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.168 | 0.109 | 0.054 |

READ: 21.6

MEAN= 21.3 STD.DEV.= 0.6 COEF.VAR.= 2.81 %

**********

AS 0045

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.404 | 0.338 | 0.071 |
| PEAK AREA (ABS-SECONDS) | 0.256 | 0.198 | 0.059 |

READ: 39.5 LCSS #1 04/10 95 80%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.404 | 0.343 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.264 | 0.202 | 0.062 |

READ: 40.4

MEAN= 39.9 STD.DEV.= 0.7 COEF.VAR.= 1.66 %

**********

AS 0046

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.578 | 0.498 | 0.083 |
| PEAK AREA (ABS-SECONDS) | 0.351 | 0.285 | 0.065 |

READ: 57.7 A 90%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.601 | 0.538 | 0.083 |
| PEAK AREA (ABS-SECONDS) | 0.352 | 0.288 | 0.064 |

READ: 58.3

MEAN= 57.0 STD.DEV.= 0 COEF.VAR.= 0.31 %

**********

AS 0047

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 4.454 | 2.216 | 4.051 |
| PEAK AREA (ABS-SECONDS) | 2.549 | -0.018 | 2.566 |

READ: -2.8 23502-01

E-87: VALUE GREATER THAN ROLLOVER ABSORBANCE

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 5.434 | 3.347 | 5.429 |
| PEAK AREA (ABS-SECONDS) | 2.679 | 0.137 | 2.542 |

READ: 27.1

E-87: VALUE GREATER THAN ROLLOVER ABSORBANCE

---

MEAN= 11.9 STD.DEV.= 21.4 COEF.VAR.= 99.99 %

**********

AS 0048

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 5.409 | 3.002 | 5.406 |
| PEAK AREA (ABS-SECONDS) | 2.737 | 0.282 | 2.445 |

READ: 57.0 01A

E-87: VALUE GREATER THAN ROLLOVER ABSORBANCE

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 4.438 | 2.705 | 5.407 |
| PEAK AREA (ABS-SECONDS) | 2.657 | -0.008 | 2.670 |

READ: -0.1

E-87: VALUE GREATER THAN ROLLOVER ABSORBANCE

---

MEAN= 27.7 STD.DEV.= 41.5 COEF.VAR.= 99.99 %

**********

AS 0049

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.464 | 0.079 | 0.417 |
| PEAK AREA (ABS-SECONDS) | 0.402 | 0.056 | 0.345 |

READ: 11.8 23502-01 10X

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.442 | 0.085 | 0.406 |
| PEAK AREA (ABS-SECONDS) | 0.359 | 0.051 | 0.309 |

READ: 10.3

---

MEAN= 10.8 STD.DEV.= 0.7 COEF.VAR.= 6.92 %

**********

AS 0050

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.514 | 0.186 | 0.410 |
| PEAK AREA (ABS-SECONDS) | 0.430 | 0.130 | 0.300 |

READ: 25.7 23502-01A 75% MSA

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.504 | 0.188 | 0.411 |
| PEAK AREA (ABS-SECONDS) | 0.427 | 0.182 | 0.296 |

READ: 26.1

MEAN= 25.9 STD.DEV.= 0.8 COEF.VAR.= 1.09 %

**********

AS 0051

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.502 | 0.440 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.314 | 0.250 | 0.063 |

READ: 50.4 ccv 4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.518 | 0.456 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.311 | 0.253 | 0.058 |

READ: 51.0

MEAN= 50.7 STD.DEV.= 0.4 COEF.VAR.= 0.76 %

**********

AS 0052

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.010 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.042 | 0.002 | 0.040 |

READ: 1.0 ccb

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.012 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.040 | 0.004 | 0.036 |

READ: 1.3

MEAN= 1.1 STD.DEV.= 0.2 COEF.VAR.= 19.70 %

**********

AS 0053

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.394 | 0.076 | 0.351 |
| PEAK AREA (ABS-SECONDS) | 0.326 | 0.051 | 0.275 |

10.2 23502-01 10X 0

**********

AS 0054

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.415 | 0.101 | 0.360 |
| PEAK AREA (ABS-SECONDS) | 0.357 | 0.073 | 0.284 |

14.5 5

**********

AS 0055

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.449 | 0.141 | 0.378 |
| PEAK AREA (ABS-SECONDS) | 0.394 | 0.102 | 0.292 |

20.2 10

**********

AS 0056

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.499 | 0.172 | 0.408 |
| PEAK AREA (ABS-SECONDS) | 0.422 | 0.121 | 0.300 |

24.1 r= 0.997 15 x= 106.5

**********

AS 0057

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.559 | 0.138 | 0.491 |
| PEAK AREA (ABS-SECONDS) | 0.405 | 0.082 | 0.312 |

18.4 23502-01D 0 10X

**********

AS 0058

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.577 | 0.174 | 0.490 |
| PEAK AREA (ABS-SECONDS) | 0.430 | 0.115 | 0.315 |

22.8 5

**********

AS 0059

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.642 | 0.258 | 0.512 |
| PEAK AREA (ABS-SECONDS) | 0.492 | 0.168 | 0.325 |

32.4 10

**********

AS 0060

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.622 | 0.207 | 0.497 |
| PEAK AREA (ABS-SECONDS) | 0.466 | 0.142 | 0.324 |

28.3 r= 0.824 15 x= 248.0

**********

AS 0061

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.586 | 0.076 | 0.508 |
| PEAK AREA (ABS-SECONDS) | 0.356 | 0.046 | 0.310 |

9.3 23503-01 10X 0

**********

AS 0062

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.554 | 0.114 | 0.506 |
| PEAK AREA (ABS-SECONDS) | 0.393 | 0.071 | 0.321 |

14.3 5

**********

AS 0063

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.539 | 0.127 | 0.460 |
| PEAK AREA (ABS-SECONDS) | 0.418 | 0.097 | 0.321 |

19.3

**********

AS 0064

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.552 | 0.165 | 0.486 |
| PEAK AREA (ABS-SECONDS) | 0.431 | 0.112 | 0.319 |

22.3 r = 0.9836 X = 106.9

**********

AS 0065

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.498 | 0.110 | 0.452 |
| PEAK AREA (ABS-SECONDS) | 0.440 | 0.070 | 0.370 |

14.0 23504-01 10X 0

**********

AS 0066

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.522 | 0.113 | 0.461 |
| PEAK AREA (ABSORBANCE) | 0.447 | 0.073 | 0.373 |

14.7 5

**********

AS 0067

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.536 | 0.151 | 0.476 |
| PEAK AREA (ABS-SECONDS) | 0.455 | 0.095 | 0.360 |

18.9 10

**********

AS 0068

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.585 | 0.201 | 0.502 |
| PEAK AREA (ABS-SECONDS) | 0.495 | 0.134 | 0.362 |

26.5 r = 0.9359 15 X = 142.3

**********

AS 0069

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.485 | 0.420 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.330 | 0.258 | 0.073 |

52.0 cal 5

**********

AS 0070

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.016 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.008 | 0.040 |

2.1 cc0

**********

AS 0071

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.414 | 0.085 | 0.367 |
| PEAK AREA (ABS-SECONDS) | 0.338 | 0.057 | 0.281 |

11.5 23502-01 D 10 0

**********

AS 0072

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.422 | 0.102 | 0.359 |
| PEAK AREA (ABS-SECONDS) | 0.362 | 0.075 | 0.286 |

15.2 5

**********

AS 0073

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.456 | 0.149 | 0.388 |
| PEAK AREA (ABS-SECONDS) | 0.397 | 0.102 | 0.295 |

20.2 10

**********

AS 0074

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.484 | 0.176 | 0.387 |
| PEAK AREA (ABS-SECONDS) | 0.426 | 0.126 | 0.301 |

24.9 r=.998 15 x=118.7

**********

AS 0075

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.508 | 0.072 | 0.471 |
| PEAK AREA (ABS-SECONDS) | 0.361 | 0.047 | 0.314 |

9.6 23503-01 0

**********

AS 0076

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.545 | 0.108 | 0.487 |
| PEAK AREA (ABS-SECONDS) | 0.397 | 0.074 | 0.324 |

14.7 5

**********

AS 0077

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.579 | 0.158 | 0.496 |
| PEAK AREA (ABS-SECONDS) | 0.432 | 0.106 | 0.326 |

21.0 x=134.0 10 r=0.9256

**********

AS 0078

000192

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.564 | 0.158 | 0.498 |
| PEAK AREA (ABS-SECONDS) | 0.418 | 0.102 | 0.316 |

20.3

15

**********

AS 0079

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.540 | 0.114 | 0.495 |
| PEAK AREA (ABS-SECONDS) | 0.438 | 0.069 | 0.365 |

13.7

23504-01 10X 0

**********

AS 0080

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.541 | 0.106 | 0.487 |
| PEAK AREA (ABS-SECONDS) | 0.435 | 0.077 | 0.358 |

15.4

5

**********

AS 0081

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.598 | 0.191 | 0.510 |
| PEAK AREA (ABS-SECONDS) | 0.518 | 0.130 | 0.389 |

25.7

10

**********

AS 0082

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.608 | 0.236 | 0.519 |
| PEAK AREA (ABS-SECONDS) | 0.569 | 0.169 | 0.400 |

33.6

r=0.968 15 X=82.6

**********

AS 0083

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.498 | 0.443 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.332 | 0.257 | 0.075 |

51.9

CCV6

**********

AS 0084

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.013 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.042 | 0.002 | 0.040 |

1.0

CCB

**********

AS 0085

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.010 | 0.006 |
| PEAK AREA (ABS-SECONDS) | -0.001 | -0.001 | 0.000 |

READ: 0.3 BW 04/10 95

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.009 | 0.005 |
| PEAK AREA (ABS-SECONDS) | -0.003 | 0.002 | -0.006 |

READ: 1.0

MEAN= 0.6 STD.DEV.= 0.5 COEF.VAR.= 76.01 %

**********

AS 0086

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.241 | 0.208 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.162 | 0.114 | 0.048 |

READ: 22.5 A

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.232 | 0.199 | 0.037 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.108 | 0.048 |

READ: 21.5

MEAN= 22.0 STD.DEV.= 0.8 COEF.VAR.= 3.46 %

**********

AS 0087

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.426 | 0.378 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.260 | 0.205 | 0.056 |

READ: 40.9 LCSW 2X 04/10 95

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.393 | 0.345 | 0.049 |
| PEAK AREA (ABS-SECONDS) | 0.258 | 0.206 | 0.052 |

READ: 41.3

MEAN= 41.1 STD.DEV.= 0.3 COEF.VAR.= 0.63 %

**********

AS 0088

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.580 | 0.520 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.363 | 0.296 | 0.066 |

READ: 60.2 A

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.550 | 0.491 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.359 | 0.297 | 0.062 |

READ: 60.2

MEAN= 60.2 STD.DEV.= [illegible] COEF.VAR.= 0.09 %

**********

AS 0089

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.005 | 0.009 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.005 | -0.001 | -0.004 |

READ: 0.4

23515-01 BBFB03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.010 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.003 | -0.001 | -0.003 |

READ: 0.4

MEAN= 0.4 STD.DEV.= 0.0 COEF.VAR.= 12.12 %

**********

AS 0090

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.214 | 0.178 | 0.037 |
| PEAK AREA (ABS-SECONDS) | 0.160 | 0.117 | 0.043 |

READ: 23.1

01 A 114/

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.217 | 0.184 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.168 | 0.114 | 0.048 |

READ: 22.7

MEAN= 22.9 STD.DEV.= 0.3 COEF.VAR.= 1.37 %

**********

AS 0091

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.013 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.005 | 0.034 |

READ: 1.4

23515-02 BBRB03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.013 | 0.025 |
| PEAK AREA (ABS-SECONDS) | 0.039 | 0.002 | 0.037 |

READ: 0.9

MEAN= 1.2 STD.DEV.= 0.4 COEF.VAR.= 30.56 %

**********

AS 0092

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.212 | 0.582 | 0.886 |
| PEAK AREA (ABS-SECONDS) | 1.533 | 0.577 | 0.956 |

READ: 123.8

23515-03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.339 | 0.655 | 1.024 |
| PEAK AREA (ABS-SECONDS) | 1.669 | 0.587 | 1.082 |

READ: 126.2

MEAN= 12[illegible].0 STD.DEV.= 1 COEF.VAR.= 1.48 %

**********

125.0

E-50: READING GREATER THAN HIGHEST STANDARD

000195

**********

AS 0093

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.444 | 0.769 | 1.026 |
| PEAK AREA (ABS-SECONDS) | 1.682 | 0.645 | 1.037 |

READ: 140.5 23515-03A

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.536 | 0.735 | 1.016 |
| PEAK AREA (ABS-SECONDS) | 1.692 | 0.648 | 1.044 |

READ: 141.3

MEAN= 140.9 STD.DEV.= 0.6 COEF.VAR.= 0.42 %

140.9

E-50: READING GREATER THAN HIGHEST STANDARD

AS 0094

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.565 | 0.444 | 0.190 |
| PEAK AREA (ABS-SECONDS) | 0.895 | 0.254 | 0.142 |

READ: 51.1 CCV7

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.495 | 0.439 | 0.060 |
| PEAK AREA (ABS-SECONDS) | 0.917 | 0.257 | 0.060 |

READ: 51.8

MEAN= 51.5 STD.DEV.= 0.5 COEF.VAR.= 1.06 %

AS 0095

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.031 | 0.013 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.045 | 0.002 | 0.043 |

READ: 0.9 CCB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.032 | 0.012 | 0.029 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.003 | 0.040 |

READ: 1.0

MEAN= 1.0 STD.DEV.= 0.1 COEF.VAR.= 8.82 %

AS 0096

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.644 | 0.262 | 0.461 |
| PEAK AREA (ABS-SECONDS) | 0.415 | 0.153 | 0.262 |

READ: 30.5 23515-03 4X BBS10

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.654 | 0.260 | 0.460 |
| PEAK AREA (ABS-SECONDS) | 0.420 | 0.152 | 0.268 |

READ: 30.2

000196

MEAN= 30.4 STD.DEV.= 0.2 COEF.VAR.= 0.59 %

AS 0097

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.730 | 0.406 | 0.430 |
| PEAK AREA (ABS-SECONDS) | 0.503 | 0.240 | 0.262 |

READ: 48.8 23515-03 A 4x 88

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.697 | 0.393 | 0.394 |
| PEAK AREA (ABS-SECONDS) | 0.504 | 0.230 | 0.266 |

READ: 47.8

MEAN= 48.1 STD.DEV.= 0.4 COEF.VAR.= 0.80 %

**********

AS 0098

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.898 | 0.767 | 1.347 |
| PEAK AREA (ABS-SECONDS) | 2.110 | 0.701 | 1.409 |

READ: 154.5 23515-04 BBSS10 D

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 2.251 | 0.846 | 1.446 |
| PEAK AREA (ABS-SECONDS) | 2.141 | 0.680 | 1.461 |

READ: 149.2

MEAN= 151.8 STD.DEV.= 4.2 COEF.VAR.= 2.79 %

**********

151.8

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0099

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 2.110 | 0.907 | 1.500 |
| PEAK AREA (ABS-SECONDS) | 2.277 | 0.756 | 1.521 |

READ: 168.6 23515-05 S BBSS10S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 2.106 | 0.977 | 1.558 |
| PEAK AREA (ABS-SECONDS) | 2.327 | 0.755 | 1.572 |

READ: 168.4

MEAN= 168.5 STD.DEV.= 0.2 COEF.VAR.= 0.1 %

**********

168.5

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0100

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 2.356 | 1.748 | 0.704 |
| PEAK AREA (ABS-SECONDS) | 2.769 | 1.815 | 0.954 |

READ: 534.8 23515-06 BBSS11

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 2.151 | 1.604 | 0.722 |
| PEAK AREA (ABS-SECONDS) | 2.731 | 1.812 | 0.919 |

READ: 533.5

**********
534.2

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0101

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.373 | 0.952 | 0.701 |
| PEAK AREA (ABS-SECONDS) | 1.691 | 0.857 | 0.824 |

READ: 195.8

23515-07 BBSS12

0101 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.400 | 0.954 | 0.729 |
| PEAK AREA (ABS-SECONDS) | 1.666 | 0.838 | 0.828 |

READ: 190.6

MEAN= 193.2 STD.DEV.= 4.2 COEF.VAR.= 2.18 %

**********

193.2

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0102

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.640 | 1.074 | 0.786 |
| PEAK AREA (ABS-SECONDS) | 1.904 | 1.041 | 0.862 |

READ: 248.5

23515-08 BBSS13

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.574 | 1.112 | 0.787 |
| PEAK AREA (ABS-SECONDS) | 1.844 | 0.990 | 0.848 |

READ: 235.2

MEAN= 241.8 STD.DEV.= 11.2 COEF.VAR.= 4.62 %

**********

241.8

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0103

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.001 | 0.581 | 0.545 |
| PEAK AREA (ABS-SECONDS) | 1.388 | 0.528 | 0.860 |

READ: 112.2

23515-09 BBSS14

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.984 | 0.569 | 0.560 |
| PEAK AREA (ABS-SECONDS) | 1.428 | 0.549 | 0.875 |

READ: 117.0

MEAN= 114.6 STD.DEV.= 3.8 COEF.VAR.= 3.29 %

**********

114.6

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0104

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.486 | 0.927 | 0.880 |
| PEAK AREA (ABS-SECONDS) | 1.897 | 0.818 | 1.079 |

READ: 185.3

23515-10 BBSS15

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.537 | 0.950 | 0.883 |
| PEAK AREA (ABS-SECONDS) | 1.881 | 0.798 | 1.083 |

READ: 179.7

MEAN= 182.5 STD.DEV.= 4.5 COEF.VAR.= 2.49 %

**********

AS 0104 (CONTINUED)

182.5

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0105

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.098 | 0.787 | 0.508 |
| PEAK AREA (ABS-SECONDS) | 1.350 | 0.585 | 0.765 |

READ: 125.8

23515-11 BBSS16

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.083 | 0.694 | 0.594 |
| PEAK AREA (ABS-SECONDS) | 1.341 | 0.592 | 0.749 |

READ: 127.6

MEAN= 126.7 STD.DEV.= 1.4 COEF.VAR.= 1.11 %

**********

126.7

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0106

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.541 | 0.439 | 0.122 |
| PEAK AREA (ABS-SECONDS) | 0.385 | 0.263 | 0.122 |

READ: 53.1

CCV 8

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.460 | 0.404 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.336 | 0.278 | 0.063 |

READ: 55.2

MEAN= 54.1 STD.DEV.= 1.6 COEF.VAR.= 2.96 %

**********

AS 0107

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.087 | 0.014 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.008 | 0.045 |

READ: 2.0

CCB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.016 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.007 | 0.042 |

READ: 1.9

MEAN= 2.0 STD.DEV.= 0.1 COEF.VAR.= 8.08 %

**********

AS 0108

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.593 | 1.067 | 0.801 |
| PEAK AREA (ABS-SECONDS) | 2.033 | 0.964 | 1.069 |

READ: 225.9

---

23515-12

0108 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.617 | 1.044 | 0.822 |
| PEAK AREA (ABS-SECONDS) | 2.098 | 0.984 | 1.113 |

READ: 231.7

---

MEAN= 228.8 STD.DEV.= 4.8 COEF.VAR.= 2.09 %

**********

228.8

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0109

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.632 | 1.108 | 0.845 |
| PEAK AREA (ABS-SECONDS) | 1.920 | 0.985 | 0.985 |

READ: 231.9

23515-13 BBSS18

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.704 | 1.151 | 0.858 |
| PEAK AREA (ABS-SECONDS) | 1.940 | 1.003 | 0.987 |

READ: 237.0

---

MEAN= 234.5 STD.DEV.= 4.3 COEF.VAR.= 1.83 %

**********

234.5

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0110

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.576 | 1.130 | 0.765 |
| PEAK AREA (ABS-SECONDS) | 1.911 | 0.985 | 0.926 |

READ: 232.0

23515-14 BBSS19

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.640 | 1.153 | 0.802 |
| PEAK AREA (ABS-SECONDS) | 1.922 | 0.990 | 0.932 |

READ: 239.4

---

MEAN= 232.7 STD.DEV.= 1.[illegible] COEF.VAR.= 0.50 %

**********

232.7

E-50: READING GREATER THAN HIGHEST STANDARD

000200

**********

AS 0111

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.067 | 0.720 | 0.566 |
| PEAK AREA (ABS-SECONDS) | 1.222 | 0.591 | 0.631 |

READ: 127.2 23515-15 BBSS20

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.038 | 0.682 | 0.576 |
| PEAK AREA (ABS-SECONDS) | 1.201 | 0.590 | 0.611 |

READ: 126.8

MEAN= 127.0 STD.DEV.= 0.3 COEF.VAR.= 0.20 %

**********

AS 0111 (CONTINUED)

127.0

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0112

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.958 | 0.458 | 0.720 |
| PEAK AREA (ABS-SECONDS) | 1.167 | 0.402 | 0.764 |

READ: 88.5 23515-16 BBSS21

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.922 | 0.467 | 0.706 |
| PEAK AREA (ABS-SECONDS) | 1.175 | 0.399 | 0.780 |

READ: 82.6

MEAN= 83.0 STD.DEV.= 0.6 COEF.VAR.= 0.75 %

**********

AS 0113

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.670 | 1.112 | 0.827 |
| PEAK AREA (ABS-SECONDS) | 1.930 | 0.988 | 0.942 |

READ: 232.7 23515-17 BBSS22

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 1.837 | 1.093 | 0.814 |
| PEAK AREA (ABS-SECONDS) | 1.898 | 0.975 | 0.923 |

READ: 229.0

MEAN= 230.8 STD.DEV.= 3.1 COEF.VAR.= 1.33 %

**********

230.8

E-50: READING GREATER THAN HIGHEST STANDARD

**********

AS 0114

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.507 | 0.417 | 0.129 |
| PEAK AREA (ABS-SECONDS) | 0.392 | 0.269 | 0.122 |

READ: 54.4 cc/9

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.454 | 0.402 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.328 | 0.268 | 0.060 |

READ: 54.1

MEAN= 54.2 STD.DEV.= 0.2 COEF.VAR.= 0.44 %

**********

**AS 0115**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.012 | 0.013 | 0.006 |
| PEAK AREA (ABS-SECONDS) | 0.004 | 0.007 | -0.003 |

READ: 1.8

---

CCB

**0115** (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.011 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.001 | 0.002 | -0.002 |

READ: 1.0

---

MEAN= 1.4 STD.DEV.= 0.6 COEF.VAR.= 41.52 %

**********

**AS 0116**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.605 | 0.290 | 0.281 |
| PEAK AREA (ABS-SECONDS) | 0.418 | 0.161 | 0.257 |

READ: 32.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.623 | 0.294 | 0.396 |
| PEAK AREA (ABS-SECONDS) | 0.425 | 0.159 | 0.266 |

READ: 31.7

---

MEAN= 31.9 STD.DEV.= 0.3 COEF.VAR.= 0.80 %

**********

**AS 0117**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.775 | 0.463 | 0.356 |
| PEAK AREA (ABS-SECONDS) | 0.512 | 0.253 | 0.259 |

READ: 51.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.756 | 0.443 | 0.342 |
| PEAK AREA (ABS-SECONDS) | 0.523 | 0.255 | 0.267 |

READ: 51.3

---

MEAN= 51.2 STD.DEV.= 0.2 COEF.VAR.= 0.44 %

**********

**AS 0118**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.470 | 0.415 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.344 | 0.274 | 0.070 |

READ: 55.4

CCV 10

000202

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.461 | 0.415 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.334 | 0.272 | 0.062 |

READ: 55.0

---

MEAN= 55.2 STD.DEV.= 0.3 COEF.VAR.= 0.48 %

**********

AS 0119

| | AA | ZAA | BC |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.012 | 0.013 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.002 | 0.008 | -0.006 |

READ: 2.1

CCB

---

0119 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.012 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.003 | 0.006 | -0.003 |

READ: 1.6

---

MEAN= 1.8 STD.DEV.= 0.3 COEF.VAR.= 18.58 %

**********

AS 0120

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.630 | 0.282 | 0.382 |
| PEAK AREA (ABS-SECONDS) | 0.473 | 0.170 | 0.303 |

READ: 33.9 23515-04 4X BBSS10D

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.837 | 0.336 | 0.591 |
| PEAK AREA (ABS-SECONDS) | 0.523 | 0.179 | 0.344 |

READ: 35.7

MEAN= 34.8 STD.DEV.= 1.3 COEF.VAR.= 3.85 %

**********

AS 0121

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.828 | 0.369 | 0.555 |
| PEAK AREA (ABS-SECONDS) | 0.577 | 0.205 | 0.372 |

READ: 41.1 23515-05 S 4X BBSS10S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.799 | 0.345 | 0.558 |
| PEAK AREA (ABS-SECONDS) | 0.574 | 0.202 | 0.372 |

READ: 40.4

MEAN= 40.8 STD.DEV.= 0.5 COEF.VAR.= 1.18 %

**********

AS 0122

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.706 | 0.521 | 0.222 |
| PEAK AREA (ABS-SECONDS) | 0.424 | 0.265 | 0.160 |

READ: 53.4 23515-06 10X BBSS11

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.675 | 0.511 | 0.186 |
| PEAK AREA (ABS-SECONDS) | 0.392 | 0.261 | 0.131 |

READ: 52.7

MEAN= 53.1 STD.DEV.= 0.5 COEF.VAR.= 1.08 %

**********

AS 0123

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.605 | 0.368 | 0.304 |
| PEAK AREA (ABS-SECONDS) | 0.441 | 0.222 | 0.219 |

READ: 44.6 23515-07 4X BBSS12

0123 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.636 | 0.368 | 0.324 |
| PEAK AREA (ABS-SECONDS) | 0.444 | 0.218 | 0.226 |

READ: 43.7

**********

AS 0124

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.456 | 0.281 | 0.198 |
| PEAK AREA (ABS-SECONDS) | 0.282 | 0.147 | 0.135 |

READ: 29.2 23515-08 8X BBSS13

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.456 | 0.293 | 0.188 |
| PEAK AREA (ABS-SECONDS) | 0.284 | 0.150 | 0.134 |

READ: 29.8

MEAN= 29.5 STD.DEV.= 0.4 COEF.VAR.= 1.52 %

**********

AS 0125

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.632 | 0.338 | 0.382 |
| PEAK AREA (ABS-SECONDS) | 0.708 | 0.269 | 0.485 |

READ: 54.8 23515-09 2X BBSS14

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.648 | 0.359 | 0.394 |
| PEAK AREA (ABS-SECONDS) | 0.710 | 0.270 | 0.440 |

READ: 54.6

MEAN= 54.4 STD.DEV.= 0.2 COEF.VAR.= 0.38 %

**********

AS 0126

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.665 | 0.349 | 0.405 |
| PEAK AREA (ABS-SECONDS) | 0.495 | 0.209 | 0.285 |

READ: 41.9 23515-10 4X BBSS15

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.677 | 0.339 | 0.410 |
| PEAK AREA (ABS-SECONDS) | 0.484 | 0.204 | 0.280 |

READ: 40.8

MEAN= 41.4 STD.DEV.= 0.8 COEF.VAR.= 1.99 %

**********

AS 0127

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.462 | 0.250 | 0.287 |
| PEAK AREA (ABS-SECONDS) | 0.361 | 0.145 | 0.216 |

READ: 28.8 23515-11 4X BBSS16

0127 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.460 | 0.256 | 0.278 |
| PEAK AREA (ABS-SECONDS) | 0.353 | 0.146 | 0.207 |

READ: 29.0

**********

## AS 0128

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.430 | 0.238 | 0.238 |
| PEAK AREA (ABS-SECONDS) | 0.302 | 0.133 | 0.169 |

READ: 26.4 23515-12 8x BBSS17

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.433 | 0.247 | 0.238 |
| PEAK AREA (ABS-SECONDS) | 0.300 | 0.135 | 0.164 |

READ: 26.8

MEAN= 26.6 STD.DEV.= 0.3 COEF.VAR.= 1.13 %

**********

## AS 0129

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.449 | 0.272 | 0.208 |
| PEAK AREA (ABS-SECONDS) | 0.280 | 0.140 | 0.140 |

READ: 27.7 23515-13 8x BBSS18

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.430 | 0.269 | 0.209 |
| PEAK AREA (ABS-SECONDS) | 0.281 | 0.141 | 0.140 |

READ: 28.1

MEAN= 27.9 STD.DEV.= 0.2 COEF.VAR.= 0.82 %

**********

## AS 0130

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.516 | 0.451 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.359 | 0.288 | 0.070 |

READ: 58.4 CCV II

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.502 | 0.449 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.353 | 0.286 | 0.067 |

READ: 58.0

MEAN= 58.2 STD.DEV.= 0.3 COEF.VAR.= 0.45 %

**********

## AS 0131

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.037 | 0.012 | 0.032 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.005 | 0.047 |

READ: 1.6 CCB

## 0131 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.034 | 0.012 | 0.034 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.001 | 0.050 |

READ: 0.7

**********

AS 0132

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.441 | 0.249 | 0.207 |
| PEAK AREA (ABS-SECONDS) | 0.285 | 0.147 | 0.183 |

READ: 29.2 23515-14 8x BBSS19

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.446 | 0.266 | 0.208 |
| PEAK AREA (ABS-SECONDS) | 0.289 | 0.143 | 0.144 |

READ: 28.9

MEAN= 29.0 STD.DEV.= 0.3 COEF.VAR.= 0.90 %

**********

AS 0133

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.458 | 0.254 | 0.238 |
| PEAK AREA (ABS-SECONDS) | 0.311 | 0.142 | 0.169 |

READ: 28.1 23515-15 4X BBSS20

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.441 | 0.266 | 0.240 |
| PEAK AREA (ABS-SECONDS) | 0.314 | 0.143 | 0.170 |

READ: 28.8

MEAN= 28.5 STD.DEV.= 0.5 COEF.VAR.= 1.84 %

**********

AS 0134

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.438 | 0.265 | 0.187 |
| PEAK AREA (ABS-SECONDS) | 0.278 | 0.139 | 0.139 |

READ: 27.6 23515-17 8x BBSS22

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.433 | 0.257 | 0.188 |
| PEAK AREA (ABS-SECONDS) | 0.279 | 0.144 | 0.135 |

READ: 28.5

MEAN= 28.1 STD.DEV.= 0.7 COEF.VAR.= 2.47 %

**********

AS 0135

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.512 | 0.458 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.358 | 0.288 | 0.070 |

READ: 58.3 CW 12

000207

0135 (CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.487 | 0.434 | 0.057 |
| PEAK AREA (ABS-SECONDS) | 0.349 | 0.290 | 0.059 |

MEAN= 58.5 STD.DEV.= 0.4 COEF.VAR.= 0.69 %

**********

AS 0136

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.015 | 0.036 |
| PEAK AREA (ABS-SECONDS) | 0.062 | 0.006 | 0.057 |

READ: 1.6

---

ccb

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.016 | 0.037 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.002 | 0.054 |

READ: 0.8

---

MEAN= 1.2 STD.DEV.= 0.5 COEF.VAR.= 45.89 %

**********

AS 0137

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.032 | 0.014 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.044 | 0.004 | 0.041 |

READ: 1.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.013 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.046 | 0.004 | 0.042 |

READ: 1.3

---

MEAN= 1.2 STD.DEV.= 0.0 COEF.VAR.= 3.31 %

**********

NYTEST ENVIRONMENTAL INC.
Furnace Analysis Cover Page

Analyst: Yelena Borodo
Element: Se
Date: 04-11-95
Instrument ID: Z3030#1
WSL File Name: Se0411.WSL
Start Time: 8:00
Txt/Bak File Name:
End Time:
Calibration Date: 04-11-95
Int. Time: 5.0 sec

Standard Source: Spex
Standard Lot Number: 4-43 Se
Standard Preparation Date: 04-11-95
Standard Expiration Date: 08-31-95
Standard Preparation Logbook Page:

| NONCLP |
|---|
| 23502 |
| 23503 |
| 23504 |
| 23515 |
| 23483 |
| 23457 |

| CLP |
|---|
| |

Reviewed By :

04/11/95 230 30 #1

Yelena Borodg

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.015 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.014 | 0.002 | 0.012 |

READ: -0.003

---

0

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.018 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.012 | 0.002 | 0.010 |

READ: -0.003

---

MEAN= -0.003 STD.DEV.= 0.000 COEF.VAR.= 8.57 %

**********

0.000 AUTOZERO

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.652 | 0.528 | 0.124 |
| PEAK AREA (ABS-SECONDS) | 0.440 | 0.350 | 0.090 |

READ: 0.348

---

100

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.689 | 0.571 | 0.126 |
| PEAK AREA (ABS-SECONDS) | 0.448 | 0.358 | 0.091 |

READ: 0.356

---

MEAN= 0.352 STD.DEV.= 0.005 COEF.VAR.= 1.55 %

**********

100.0 STANDARD 1

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.355 | 0.286 | 0.071 |
| PEAK AREA (ABS-SECONDS) | 0.240 | 0.187 | 0.053 |

READ: 52.6

---

50

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.354 | 0.291 | 0.063 |
| PEAK AREA (ABS-SECONDS) | 0.238 | 0.185 | 0.052 |

READ: 52.1

000210

---

MEAN= 52.4 STD.DEV.= 0.3 COEF.VAR.= 0.66 %

50.0 STANDARD 2

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.186 | 0.154 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0 122 | 0.092 | 0.030 |

READ: 23.9

25

(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.149 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.123 | 0.034 | 0.029 |

READ: 24.4

MEAN= 24.1 STD.DEV.= 0.3 COEF.VAR.= 1.27 %

**********

24.5 STANDARD 3

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.086 | 0.068 | 0.021 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.039 | 0.021 |

READ: 9.8

10

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.080 | 0.064 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.041 | 0.020 |

READ: 10.3

MEAN= 10.0 STD.DEV.= 0.4 COEF.VAR.= 3.81 %

**********

10.0 STANDARD 4

**********

SE

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.038 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.034 | 0.022 | 0.013 |

READ: 5.3 5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.046 | 0.037 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.038 | 0.021 | 0.017 |

READ: 5.1 r=0.999

---

MEAN= 5.2 STD.DEV.= 0.2 COEF.VAR.= 3.02 %

**********

5.2 STANDARD 5

**********

SE 0007

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.601 | 0.490 | 0.116 |
| PEAK AREA (ABS-SECONDS) | 0.379 | 0.300 | 0.079 |

READ: 83.5 ICV 93%

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.606 | 0.498 | 0.116 |
| PEAK AREA (ABS-SECONDS) | 0.381 | 0.304 | 0.078 |

READ: 84.6

---

MEAN= 84.0 STD.DEV.= 0.9 COEF.VAR.= 1.03 %

**********

SE 0008

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.020 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.019 | 0.008 | 0.011 |

READ: 1.7 ICB

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.016 | 0.013 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.004 | 0.009 |

READ: 0.6

---

MEAN= 1.1 STD.DEV.= 0.8 COEF.VAR.= 70.78 %

**********

SE 0009

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.045 | 0.035 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.019 | 0.019 |

READ: 4.6 CRA 000212

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.045 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.032 | 0.021 | 0.011 |

READ: 4.9

---

MEAN= 4.7 STD.DEV.= 0.3 COEF.VAR.= 5.38 %

**********

SE 0010

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.337 | 0.275 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.221 | 0.170 | 0.051 |

READ: 45.8 ccv 1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.342 | 0.271 | 0.073 |
| PEAK AREA (ABS-SECONDS) | 0.229 | 0.172 | 0.056 |

READ: 46.5

---

MEAN= 46.2 STD.DEV.= 0.4 COEF.VAR.= 0.97 %

**********

SE 0011

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.023 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.033 | 0.005 | 0.028 |

READ: 0.8 ccb

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.021 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.023 | 0.000 | 0.023 |

READ: -0.4

---

MEAN= 0.2 STD.DEV.= 0.9 COEF.VAR.= 99.99 %

**********

SE 0012

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.033 | 0.040 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.021 | 0.009 | 0.012 |

READ: 2.0 PBS #1 Digested 04/10/95

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.026 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.000 | 0.015 |

READ: -0.4

---

MEAN= 0.8 STD.DEV.= 1.7 COEF.VAR.= 99.99 %

**********

SE 0013

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.102 | 0.089 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.045 | 0.023 |

READ: 11.5 A 000213

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.096 | 0.084 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.042 | 0.009 |

READ: 10.7

---

MEAN= 11.1 STD.DEV.= 0.6 COEF.VAR.= 5.20 %

**********

SE 0014

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.334 | 0.282 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.200 | 0.165 | 0.035 |

READ: 44.4 LCSS#1 04/10/95 40r

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.335 | 0.275 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.209 | 0.168 | 0.041 |

READ: 45.1

---

MEAN= 44.7 STD.DEV.= 0.5 COEF.VAR.= 1.20 %

**********

SE 0015

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.417 | 0.346 | 0.078 |
| PEAK AREA (ABS-SECONDS) | 0.256 | 0.205 | 0.051 |

READ: 55.7 A 109%

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.415 | 0.340 | 0.075 |
| PEAK AREA (ABS-SECONDS) | 0.263 | 0.204 | 0.059 |

READ: 55.6

---

MEAN= 55.6 STD.DEV.= 0.1 COEF.VAR.= 0.20 %

**********

SE 0016

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.410 | 0.144 | 0.299 |
| PEAK AREA (ABS-SECONDS) | 0.533 | 0.150 | 0.382 |

READ: 40.3 23502-01 R.R.

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.407 | 0.147 | 0.294 |
| PEAK AREA (ABS-SECONDS) | 0.539 | 0.136 | 0.403 |

READ: 36.3

---

MEAN= 38.3 STD.DEV.= 2.9 COEF.VAR.= 7.47 %

**********

SE 0017

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.445 | 0.169 | 0.309 |
| PEAK AREA (ABS-SECONDS) | 0.605 | 0.146 | 0.459 |

READ: 39.1 01 A

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.467 | 0.176 | 0.315 |
| PEAK AREA (ABS-SECONDS) | 0.542 | 0.140 | 0.502 |

READ: 37.3

MEAN= 38.2 STD.DEV.= 1.3 COEF.VAR.= 3.30 %

**SE 0018**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.124 | 0.071 | 0.086 |
| PEAK AREA (ABS-SECONDS | 0.151 | 0.038 | 0.112 |

READ: 9.7 23502-01 10 X

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.113 | 0.062 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.122 | 0.035 | 0.037 |

READ: 8.7

MEAN= 9.2 STD.DEV.= 0.7 COEF.VAR.= 7.59 %

**SE 0019**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.172 | 0.115 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.157 | 0.070 | 0.087 |

READ: 18.2 01 A 96%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.125 | 0.065 |
| PEAK AREA (ABS-SECONDS) | 0.174 | 0.075 | 0.079 |

READ: 19.5

MEAN= 18.8 STD.DEV.= 0.9 COEF.VAR.= 4.84 %

**SE 0020**

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.150 | 0.088 | 0.090 |
| PEAK AREA (ABS-SECONDS) | 0.149 | 0.056 | 0.093 |

READ: 14.3 23502-01 D 10 X

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.152 | 0.085 | 0.083 |
| PEAK AREA (ABS-SECONDS) | 0.158 | 0.050 | 0.103 |

READ: 12.9

MEAN= 13.6 STD.DEV.= 1.0 COEF.VAR.= 7.58 %

SE 0021

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.245 | 0.156 | 0.096 |
| PEAK AREA (ABS-SECONDS) | 0.216 | 0.109 | 0.107 |

READ: 28.7

Q3503-01 10X

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.248 | 0.171 | 0.103 |
| PEAK AREA (ABS-SECONDS) | 0.210 | 0.107 | 0.103 |

READ: 28.1

MEAN= 28.4 STD.DEV.= 0.4 COEF.VAR.= 1.47 %

SE 0022

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.305 | 0.256 | 0.082 |
| PEAK AREA (ABS-SECONDS) | 0.226 | 0.170 | 0.056 |

READ: 45.8

CCV2

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.385 | 0.279 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.282 | 0.179 | 0.058 |

READ: 48.3

MEAN= 47.1 STD.DEV.= 1.8 COEF.VAR.= 3.89 %

SE 0023

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.037 | 0.022 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.016 | -0.008 | 0.013 |

READ: -1.2

CCB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.027 | 0.030 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.007 | 0.010 |

READ: 1.2

MEAN= 0.0 STD.DEV.= 1.7 COEF.VAR.= 99.99 %

SE 0024

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.178 | 0.130 | 0.088 |
| PEAK AREA (ABS-SECONDS) | 0.149 | 0.070 | 0.079 |

READ: 18.2

23504-01 10X

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.194 | 0.136 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.156 | 0.067 | 0.090 |

READ: 17.2

MEAN= 17.7 STD.DEV.= 0.7 COEF.VAR.= 4.11 %

SE 0025

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.350 | 0.285 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.221 | 0.171 | 0.050 |

READ: 46.0

CCV3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.357 | 0.289 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.234 | 0.177 | 0.058 |

READ: 47.7

MEAN= 46.8 STD.DEV.= 1.2 COEF.VAR.= 2.57 %

SE 0026

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.019 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.015 | 0.001 | 0.014 |

READ: -0.2

CCB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.017 | 0.019 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.008 | -0.003 | 0.010 |

READ: -1.0

MEAN= -0.6 STD.DEV.= 0.6 COEF.VAR.= 90.64 %

SE 0027

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.018 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.005 | 0.008 |

READ: 0.8

PBW 04/10/95

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.023 | 0.023 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.014 | 0.006 | 0.008 |

READ: 1.2

MEAN= 1.0 STD.DEV.= 0.3 COEF.VAR.= 27.72 %

SE 0028

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.094 | 0.079 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.042 | 0.019 |

READ: 10.6

A

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.101 | 0.084 | 0.026 |
| PEAK AREA (ABS-SECONDS) | 0.064 | 0.046 | 0.018 |

READ: 11.6

MEAN= 11.1 STD.DEV.= 0.7 COEF.VAR.= 6.43 %

## SE 0029

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.316 | 0.256 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.204 | 0.157 | 0.047 |

READ: 42.1 hcsw 2x 04/10 85

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.329 | 0.270 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.208 | 0.161 | 0.042 |

READ: 43.1

MEAN= 42.6 STD.DEV.= 0.7 COEF.VAR.= 1.66 %

## SE 0030

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.365 | 0.296 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.244 | 0.195 | 0.049 |

READ: 52.9 A 104%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.359 | 0.304 | 0.056 |
| PEAK AREA (ABS-SECONDS) | 0.241 | 0.196 | 0.046 |

READ: 53.0

MEAN= 53.0 STD.DEV.= 0.1 COEF.VAR.= 0.16 %

## SE 0031

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.024 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.009 | 0.004 | 0.005 |

READ: 0.5 93515-01 BBFB03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.024 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.008 | 0.000 | 0.008 |

READ: -0.5

MEAN= 0.0 STD.DEV.= 0.7 COEF.VAR.= 99.99 %

## SE 0032

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.086 | 0.078 | 0.015 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.044 | 0.003 |

READ: 11.2 01 A

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.091 | 0.092 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.046 | 0.012 |

READ: 11.7

MEAN= 11.5 STD.DEV.= 0. COEF.VAR.= 3.30 %

SE 0033

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.026 | 0.013 |
| PEAK AREA (ABS-SECONDS) | 0.010 | 0.003 | 0.007 |

READ: 0.4 23515-02 BBRB03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.025 | 0.012 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.004 | 0.008 |

READ: 0.6

MEAN= 0.5 STD.DEV.= 0.2 COEF.VAR.= 32.46 %

**********

SE 0034

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.155 | 0.116 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.151 | 0.075 | 0.076 |

READ: 19.6 23515-03 BBSS10

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.162 | 0.124 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.161 | 0.068 | 0.093 |

READ: 17.7

MEAN= 18.7 STD.DEV.= 1.4 COEF.VAR.= 7.41 %

**********

SE 0035

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.239 | 0.173 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.222 | 0.104 | 0.118 |

READ: 27.3 03A 94%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.225 | 0.170 | 0.146 |
| PEAK AREA (ABS-SECONDS) | 0.220 | 0.109 | 0.111 |

READ: 28.8

MEAN= 28.1 STD.DEV.= 1.1 COEF.VAR.= 3.82 %

**********

SE 0036

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.345 | 0.283 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.236 | 0.176 | 0.060 |

READ: 47.5 ccw4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.340 | 0.276 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.228 | 0.177 | 0.050 |

READ: 47.9

MEAN= 47.7 STD.DEV.= 0.2 COEF.VAR.= 0.48 %

**********

SE 0037

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.027 | 0.018 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.014 | 0.004 | 0.010 |

READ: 0.5

CCB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.025 | 0.021 | 0.015 |
| PEAK AREA (ABS-SECONDS) | 0.011 | 0.006 | 0.005 |

READ: 1.0

MEAN= 0.8 STD.DEV.= 0.4 COEF.VAR.= 46.10 %

SE 0038

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.127 | 0.069 |
| PEAK AREA (ABS-SECONDS) | 0.166 | 0.075 | 0.092 |

READ: 19.4

23515-04 BBSS10 D

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.163 | 0.109 | 0.091 |
| PEAK AREA (ABS-SECONDS) | 0.181 | 0.070 | 0.110 |

READ: 18.2

MEAN= 18.8 STD.DEV.= 0.9 COEF.VAR.= 4.70 %

SE 0039

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.195 | 0.137 | 0.098 |
| PEAK AREA (ABS-SECONDS) | 0.215 | 0.082 | 0.133 |

READ: 21.4

23515-05 S BBSS10S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.196 | 0.130 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.204 | 0.083 | 0.121 |

READ: 21.7

MEAN= 21.6 STD.DEV.= 0.2 COEF.VAR.= 1.15 %

SE 0040

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.218 | 0.142 | 0.097 |
| PEAK AREA (ABS-SECONDS) | 0.290 | 0.130 | 0.160 |

READ: 34.7

23515-06 BBSS11

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.239 | 0.163 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.297 | 0.137 | 0.159 |

READ: 36.6

MEAN= 35.7 STD.DEV.= 1.4 COEF.VAR.= 4.04 %

SE 0041

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.248 | 0.167 | 0.097 |
| PEAK AREA (ABS-SECONDS) | 0.262 | 0.143 | 0.119 |

READ: 38.2

23515-07 BBSS12

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.246 | 0.170 | 0.093 |
| PEAK AREA (ABS-SECONDS) | 0.265 | 0.143 | 0.122 |

READ: 38.2

MEAN= 38.2 STD.DEV.= 0.0 COEF.VAR.= 0.05 %

**********

SE 0042

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.209 | 0.140 | 0.113 |
| PEAK AREA (ABS-SECONDS) | 0.282 | 0.144 | 0.138 |

READ: 38.4

23515-08 BBSS13

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.205 | 0.135 | 0.115 |
| PEAK AREA (ABS-SECONDS) | 0.278 | 0.144 | 0.134 |

READ: 38.4

MEAN= 38.4 STD.DEV.= 0.1 COEF.VAR.= 0.15 %

**********

SE 0043

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.129 | 0.055 | 0.106 |
| PEAK AREA (ABS-SECONDS) | 0.163 | 0.049 | 0.115 |

READ: 12.4

23515-09 BBSS14

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.119 | 0.052 | 0.121 |
| PEAK AREA (ABS-SECONDS) | 0.164 | 0.041 | 0.123 |

READ: 10.3

MEAN= 11.4 STD.DEV.= 1.5 COEF.VAR.= 13.01 %

**********

SE 0044

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.590 | 0.455 | 0.151 |
| PEAK AREA (ABS-SECONDS) | 0.626 | 0.398 | 0.228 |

READ: 113.6

23515-10 BBSS15

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.642 | 0.498 | 0.164 |
| PEAK AREA (ABS-SECONDS) | 0.637 | 0.416 | 0.222 |

READ: 11..1

MEAN= 116.3 STD.DEV.= 4.2 COEF.VAR.= 3.64 % 000221

**********

116.3

E-50: READING GREATER THAN HIGHEST STANDARD

SE 0045

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.106 | 0.058 | 0.071 |
| PEAK AREA (ABS-SECONDS) | 0.127 | 0.033 | 0.094 |

READ: 8.2

23515-11 BBSS16

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.098 | 0.048 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.135 | 0.029 | 0.106 |

READ: 7.3

MEAN= 7.8 STD.DEV.= 0.7 COEF.VAR.= 8.61 %

SE 0046

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.210 | 0.123 | 0.101 |
| PEAK AREA (ABS-SECONDS) | 0.241 | 0.104 | 0.137 |

READ: 27.4

23515-12 BBSS17

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.208 | 0.130 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.244 | 0.103 | 0.141 |

READ: 27.1

MEAN= 27.3 STD.DEV.= 0.2 COEF.VAR.= 0.77 %

SE 0047

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.159 | 0.134 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.181 | 0.095 | 0.087 |

READ: 24.9

Q3515-13 BBSS18

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.181 | 0.136 | 0.075 |
| PEAK AREA (ABS-SECONDS) | 0.179 | 0.090 | 0.089 |

READ: 23.6

MEAN= 24.3 STD.DEV.= 0.9 COEF.VAR.= 3.63 %

SE 0048

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.333 | 0.278 | 0.069 |
| PEAK AREA (ABS-SECONDS) | 0.240 | 0.174 | 0.066 |

READ: 46.8

cw5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.340 | 0.281 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.229 | 0.181 | 0.048 |

READ: 4 .9

MEAN= 47.8 STD.DEV.= 1.5 COEF.VAR.= 3.18 %

SE 0049

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.009 | 0.018 | 0.010 |
| PEAK AREA (ABS-SECONDS) | -0.003 | -0.003 | 0.001 |

READ: -1.3 CCB

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.012 | 0.014 | 0.007 |
| PEAK AREA (ABS-SECONDS) | 0.000 | 0.002 | -0.002 |

READ: 0.0

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MEAN= -0.6 STD.DEV.= 1.0 COEF.VAR.= 99.99 %

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SE 0050

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.321 | 0.238 | 0.108 |
| PEAK AREA (ABS-SECONDS) | 0.312 | 0.173 | 0.139 |

READ: 46.5 23515-14 BBSS19

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.305 | 0.225 | 0.105 |
| PEAK AREA (ABS-SECONDS) | 0.338 | 0.170 | 0.158 |

READ: 45.8

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MEAN= 46.2 STD.DEV.= 0.5 COEF.VAR.= 1.18 %

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SE 0051

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.106 | 0.060 | 0.074 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.037 | 0.091 |

READ: 9.2 23515-15 BBSS20

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.096 | 0.063 | 0.077 |
| PEAK AREA (ABS-SECONDS) | 0.142 | 0.028 | 0.105 |

READ: 9.5

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MEAN= 9.3 STD.DEV.= 0.2 COEF.VAR.= 2.58 %

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SE 0052

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.090 | 0.037 | 0.078 |
| PEAK AREA (ABS-SECONDS) | 0.107 | 0.024 | 0.083 |

READ: 5.8 23515-16 BBSS21

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.097 | 0.048 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.115 | 0.022 | 0.093 |

READ: 5.4

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MEAN= 5.5 STD.DEV.= 0.3 COEF.VAR.= 5.09 %

**********

SE 0053

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.229 | 0.161 | 0.113 |
| PEAK AREA (ABS-SECONDS) | 0.320 | 0.147 | 0.173 |

READ: 39.3 23515-17 BBSS22

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.230 | 0.151 | 0.119 |
| PEAK AREA (ABS-SECONDS) | 0.324 | 0.132 | 0.192 |

READ: 35.1

MEAN= 37.2 STD.DEV.= 3.1 COEF.VAR.= 8.21 %

**********

SE 0054

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.360 | 0.281 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.340 | 0.216 | 0.124 |

READ: 58.7 23515-10 2X BBSS15

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.368 | 0.287 | 0.088 |
| PEAK AREA (ABS-SECONDS) | 0.339 | 0.220 | 0.119 |

READ: 60.1

MEAN= 59.4 STD.DEV.= 1.0 COEF.VAR.= 1.67 %

**********

SE 0055

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.342 | 0.280 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.234 | 0.172 | 0.062 |

READ: 46.3 CCV6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.337 | 0.275 | 0.070 |
| PEAK AREA (ABS-SECONDS) | 0.227 | 0.176 | 0.051 |

READ: 47.5

MEAN= 46.9 STD.DEV.= 0.9 COEF.VAR.= 1.87 %

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SE 0056

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.030 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.004 | 0.011 |

READ: 0.7 CCB

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.025 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.007 | 0.009 |

READ: 1.2

MEAN= 0.9 STD.DEV.= 0.4 COEF.VAR.= 43.51 %

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NYTEST ENVIRONMENTAL INC.
Furnace Analysis Cover Page

| | | | |
|---|---|---|---|
| Analyst: | Agatha Plummer | Element: | Tl |
| Date: | 4/11/95 | Instrument ID: | 30307 #3 |
| WSL File Name: | TL-0411.WSL | Start Time: | 3PM |
| Txt/Bak File Name: | | End Time: | |
| Calibration Date: | 4/11/95 | Int. Time: | 5.0sec |

| | |
|---|---|
| Standard Source: | Spex |
| Standard Lot Number: | 4-3-Tl |
| Standard Preparation Date: | 4-11-95 |
| Standard Expiration Date: | 1-15-96 |
| Standard Preparation Logbook Page: | |

| NONCLP |
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Reviewed By: _____

Agatha Plummer
4/11/95

TL

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.019 | 0.007 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.015 | 0.004 | 0.012 |

READ: -0.001

0 ppb

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.015 | 0.007 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.010 | 0.002 | 0.008 |

READ: -0.002

MEAN= -0.002 STD.DEV.= 0.00' COEF.VAR.= 62.65 %

0.000 AUTOZERO

TL

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.768 | 0.390 | 0.386 |
| PEAK AREA (ABS-SECONDS) | 0.558 | 0.294 | 0.264 |

READ: 0.292

100

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.766 | 0.381 | 0.385 |
| PEAK AREA (ABS-SECONDS) | 0.553 | 0.291 | 0.262 |

READ: 0.288

MEAN= 0.290 STD.DEV.= 0.002 COEF.VAR.= 0.78 %

100.0 STANDARD 1

TL

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.447 | 0.237 | 0.210 |
| PEAK AREA (ABS-SECONDS) | 0.308 | 0.165 | 0.143 |

READ: 55.8

50

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.454 | 0.241 | 0.215 |
| PEAK AREA (ABS-SECONDS) | 0.314 | 0.169 | 0.145 |

READ: 57.2

MEAN= 56.5 STD.DEV.= 1.0 COEF.VAR.= 1.71 %

50.0 STANDARD 2

TL

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.249 | 0.136 | 0.114 |
| PEAK AREA (ABS-SECONDS) | 0.165 | 0.090 | 0.075 |

READ: 24.7 25

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(CONTINUED)

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.242 | 0.129 | 0.113 |
| PEAK AREA (ABS-SECONDS) | 0.163 | 0.088 | 0.075 |

READ: 24.3

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MEAN= 24.5 STD.DEV.= 0.3 COEF.VAR.= 1.36 %

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000227

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TL

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.107 | 0.059 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.072 | 0.037 | 0.035 |

READ: 9.6

10

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| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.108 | 0.058 | 0.053 |
| PEAK AREA (ABS-SECONDS) | 0.072 | 0.035 | 0.037 |

READ: 8.9

---

MEAN= 9.3 STD.DEV.= 0.4 COEF.VAR.= 4.84 %

**********

9.1 STANDARD 4

Corr 0.9963

**********

TL 0006

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.660 | 0.339 | 0.326 |
| PEAK AREA (ABS-SECONDS) | 0.508 | 0.270 | 0.238 |

READ: 90.2

100 101 %

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.667 | 0.342 | 0.328 |
| PEAK AREA (ABS-SECONDS) | 0.512 | 0.272 | 0.240 |

READ: 91.0

---

MEAN= 90.6 STD.DEV.= 0.7 COEF.VAR.= 0.78 %

**********

TL 0007

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.010 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.007 | 0.009 |

READ: 1.1

1.6

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.018 | 0.008 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.004 | 0.009 |

READ: 0.4

---

MEAN= 0.8 STD.DEV.= 0.5 COEF.VAR.= 66.09 %

**********

TL 0008

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.105 | 0.058 | 0.051 |
| PEAK AREA (ABS-SECONDS) | 0.075 | 0.037 | 0.038 |

READ: 9.5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.108 | 0.060 | 0.050 |
| PEAK AREA (ABS-SECONDS) | 0.074 | 0.037 | 0.037 |

READ: 9.5

CRA

MEAN= 9.5 STD.DEV.= 0.0 COEF.VAR.= 0.00 %

**********

TL 0009

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.438 | 0.231 | 0.205 |
| PEAK AREA (ABS-SECONDS) | 0.300 | 0.164 | 0.137 |

READ: 49.4

CW, 98%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.433 | 0.226 | 0.207 |
| PEAK AREA (ABS-SECONDS) | 0.301 | 0.161 | 0.141 |

READ: 48.3

MEAN= 48.9 STD.DEV.= 0.9 COEF.VAR.= 1.87 %

**********

TL 0010

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.008 | 0.015 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.005 | 0.010 |

READ: 0.7

CW,

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.013 | 0.008 | 0.014 |
| PEAK AREA (ABS-SECONDS) | 0.010 | 0.004 | 0.006 |

READ: 0.2

MEAN= 0.5 STD.DEV.= 0.3 COEF.VAR.= 63.92 %

**********

TL 0011

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.019 | 0.007 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.009 | 0.004 | 0.006 |

READ: 0.2

23407-10

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.010 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.003 | 0.010 |

READ: 0.1

MEAN= 0.2 STD.DEV.= 0.0 COEF.VAR.= 25.60 %

**********

TL 0012

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.196 | 0.108 | 0.092 |
| PEAK AREA (ABS-SECONDS) | 0.132 | 0.070 | 0.062 |

READ: 19.0

23407-10 A 96 /

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.193 | 0.108 | 0.092 |
| PEAK AREA (ABS-SECONDS) | 0.128 | 0.071 | 0.057 |

READ: 19.5

MEAN= 19.3 STD.DEV.= 0.3 COEF.VAR.= 1.69 %

**********

TL 0013

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.026 | 0.009 | 0.019 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.005 | 0.000 |

READ: 0.6

23407 - PBS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.016 | 0.008 | 0.012 |
| PEAK AREA (ABS-SECONDS) | 0.010 | 0.003 | 0.007 |

READ: 0.1

MEAN= 0.3 STD.DEV.= 0.4 COEF.VAR.= 99.99 %

**********

TL 0014

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.177 | 0.097 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.135 | 0.073 | 0.062 |

READ: 20.0

PBS A 98 /

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.094 | 0.088 |
| PEAK AREA (ABS-SECONDS) | 0.135 | 0.070 | 0.065 |

READ: 19.2

MEAN= 19.6 STD.DEV.= 0.7 COEF.VAR.= 3.35 %

**********

TL 0015

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.371 | 0.196 | 0.177 |
| PEAK AREA (ABS-SECONDS) | 0.331 | 0.173 | 0.158 |

READ: 52.7

4X 23407 - LGSS #222 000230

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.394 | 0.205 | 0.190 |
| PEAK AREA (ABS-SECONDS) | 0.340 | 0.179 | 0.162 |

READ: 54.6

MEAN= 53.7 STD.DEV.= 1.5 COEF.VAR.= 2.83 %

**********

TL 0016

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.526 | 0.270 | 0.257 |
| PEAK AREA (ABS-SECONDS) | 0.432 | 0.229 | 0.204 |

READ: 73.3 4X 23407-LCSS A 96 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.542 | 0.276 | 0.266 |
| PEAK AREA (ABS-SECONDS) | 0.430 | 0.227 | 0.202 |

READ: 72.8

MEAN= 73.0 STD.DEV.= 0.4 COEF.VAR.= 0.57 %

**********

TL 0017

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.443 | 0.241 | 0.202 |
| PEAK AREA (ABS-SECONDS) | 0.287 | 0.166 | 0.121 |

READ: 50.1 W2 101 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.448 | 0.240 | 0.209 |
| PEAK AREA (ABS-SECONDS) | 0.298 | 0.168 | 0.130 |

READ: 50.9

MEAN= 50.5 STD.DEV.= 0.6 COEF.VAR.= 1.28 %

**********

TL 0018

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.018 | 0.010 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.007 | -0.003 |

READ: 1.1 W2

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.018 | 0.010 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.002 | 0.004 | -0.002 |

READ: 0.4

MEAN= 0.8 STD.DEV.= 0.5 COEF.VAR.= 68.33 %

**********

TL 0019

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.012 | 0.007 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.009 | 0.003 | 0.007 |

READ: -0.1

000231

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK AREA (ABS-SECONDS) | 0.007 | 0.002 | 0.005 |

READ: -0.3

23481 + 23415 + 23446 - PBW

MEAN= -0.2 STD.DEV.= 0.1 COEF.VAR.= 33.61 %

**********

TL 0020

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.212 | 0.120 | 0.095 |
| PEAK AREA (ABS-SECONDS) | 0.141 | 0.078 | 0.063 |

READ: 21.6

- PBW A 108 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.218 | 0.122 | 0.096 |
| PEAK AREA (ABS-SECONDS) | 0.143 | 0.078 | 0.065 |

READ: 21.6

MEAN= 21.6 STD.DEV.= 0.0 COEF.VAR.= 0.18 %

**********

TL 0021

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.407 | 0.221 | 0.188 |
| PEAK AREA (ABS-SECONDS) | 0.278 | 0.160 | 0.118 |

READ: 48.2

2X 23481 + 23415 + 23446 - LCSW

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.408 | 0.221 | 0.190 |
| PEAK AREA (ABS-SECONDS) | 0.283 | 0.161 | 0.120 |

READ: 48.5

MEAN= 48.4 STD.DEV.= 0.2 COEF.VAR.= 0.49 %

**********

TL 0022

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.535 | 0.282 | 0.256 |
| PEAK AREA (ABS-SECONDS) | 0.393 | 0.213 | 0.170 |

READ: 67.2

- LCSW A 95 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.533 | 0.279 | 0.256 |
| PEAK AREA (ABS-SECONDS) | 0.385 | 0.214 | 0.171 |

READ: 67.8

MEAN= 67.4 STD.DEV.= 0.3 COEF.VAR.= 0.50 %

**********

TL 0023

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | .059 | 0.021 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.042 | 0.010 | 0.032 |

READ: 2.0

000232

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | [illegible] | [illegible] | [illegible] |
| PEAK AREA (ABS-SECONDS) | 0.032 | 0.006 | 0.026 |

READ: 0.7

23481-02

MEAN= 1.3 STD.DEV.= 0.9 COEF.VAR.= 65.31 %

**********

## TL 0024

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.202 | 0.107 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.144 | 0.070 | 0.074 |

READ: 19.2

-02A 94 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.196 | 0.097 | 0.100 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.068 | 0.077 |

READ: 18.5

MEAN= 18.9 STD.DEV.= 0.5 COEF.VAR.= 2.84 %

**********

## TL 0025

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.036 | 0.006 | 0.031 |
| PEAK AREA (ABS-SECONDS) | 0.026 | 0.002 | 0.024 |

READ: -0.2

23481-03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.032 | 0.009 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.025 | 0.005 | 0.020 |

READ: 0.7

MEAN= 0.2 STD.DEV.= 0.6 COEF.VAR.= 99.99 %

**********

## TL 0026

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.046 | 0.007 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.003 | 0.045 |

READ: 0.1

23481-04

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.048 | 0.009 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.004 | 0.051 |

READ: 0.3

MEAN= 0.2 STD.DEV.= 0.2 COEF.VAR.= 92.55 %

**********

## TL 0027

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.008 | 0.045 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.003 | 0.053 |

READ: 0.0

000233

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | [illegible] | [illegible] | [illegible] |
| PEAK AREA (ABS-SECONDS) | 0.050 | 0.004 | 0.046 |

READ: 0.4

23481-04 b

MEAN= 0.2 STD.DEV.= 0.3 COEF.VAR.= 99.99 %

**********

TL 0028

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.463 | 0.229 | 0.237 |
| PEAK AREA (ABS-SECONDS) | 0.322 | 0.152 | 0.171 |

READ: 45.2

23481-04S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.474 | 0.241 | 0.238 |
| PEAK AREA (ABS-SECONDS) | 0.326 | 0.153 | 0.178 |

READ: 45.7

MEAN= 45.4 STD.DEV.= 0.3 COEF.VAR.= 0.72 %

**********

TL 0029

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.446 | 0.240 | 0.210 |
| PEAK AREA (ABS-SECONDS) | 0.304 | 0.167 | 0.137 |

READ: 50.6

CW3 102 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.446 | 0.240 | 0.210 |
| PEAK AREA (ABS-SECONDS) | 0.308 | 0.169 | 0.139 |

READ: 51.2

MEAN= 50.9 STD.DEV.= 0.4 COEF.VAR.= 0.86 %

**********

TL 0030

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.021 | 0.010 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.006 | 0.007 |

READ: 0.9

CW3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.024 | 0.008 | 0.022 |
| PEAK AREA (ABS-SECONDS) | 0.006 | 0.005 | 0.002 |

READ: 0.4

MEAN= 0.6 STD.DEV.= 0.2 COEF.VAR.= 38.85 %

**********

TL 0031

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | [illegible] | 0.008 | 0.007 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.004 | 0.001 |

000234

READ: 0.2

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | | | |
| PEAK AREA (ABS-SECONDS) | 0.001 | 0.002 | -0.002 |

READ: -0.2

23481-06

MEAN= 0.0 STD.DEV.= 0.3 COEF.VAR.= 99.99 %

**********

TL 0032

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.009 | 0.007 | 0.006 |
| PEAK AREA (ABS-SECONDS) | 0.003 | 0.002 | 0.001 |

READ: -0.3

23415-12

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.007 | 0.007 |
| PEAK AREA (ABS-SECONDS) | 0.006 | 0.002 | 0.004 |

READ: -0.1

MEAN= -0.2 STD.DEV.= 0.1 COEF.VAR.= 62.33 %

**********

TL 0033

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.009 | 0.027 |
| PEAK AREA (ABS-SECONDS) | 0.019 | 0.003 | 0.016 |

READ: 0.1

23416-02

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.029 | 0.007 | 0.028 |
| PEAK AREA (ABS-SECONDS) | 0.016 | 0.003 | 0.013 |

READ: -0.1

MEAN= 0.0 STD.DEV.= 0.1 COEF.VAR.= 99.99 %

**********

TL 0034

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.008 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.002 | 0.001 | 0.002 |

READ: -0.6

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.005 | 0.006 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.000 | -0.001 | 0.000 |

R 4/11/95

READ: -0.9

MEAN= -0.8 STD.DEV.= 0.2 COEF.VAR.= 29.54 %

**********

TL 0035

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.008 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.001 | 0.001 | 0.001 |

READ: -0.6

000235

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | | | |
| PEAK AREA (ABS-SECONDS) | 0.000 | 0.003 | -0.004 |

READ: 0.2

MEAN= -0.2 STD.DEV.= 0.5 COEF.VAR.= 99.99 %

**********

TL 0036

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.016 | 0.009 | 0.011 |
| PEAK AREA (ABS-SECONDS) | 0.006 | 0.004 | 0.002 |

READ: 0.2

23415 + 23416 + 23417 - PBS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.007 | 0.016 |
| PEAK AREA (ABS-SECONDS) | 0.006 | 0.001 | 0.005 |

READ: -0.4

MEAN= -0.1 STD.DEV.= 0.4 COEF.VAR.= 99.99 %

**********

TL 0037

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.097 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.141 | 0.076 | 0.065 |

READ: 21.0

PBS A 103 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.098 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.141 | 0.074 | 0.067 |

READ: 20.2

MEAN= 20.6 STD.DEV.= 0.8 COEF.VAR.= 2.99 %

**********

TL 0038

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.419 | 0.223 | 0.200 |
| PEAK AREA (ABS-SECONDS) | 0.357 | 0.190 | 0.167 |

READ: 58.8

HX 23415 + 23416 + 23417 - LCSS #222

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.430 | 0.222 | 0.208 |
| PEAK AREA (ABS-SECONDS) | 0.360 | 0.189 | 0.171 |

READ: 58.4

MEAN= 58.5 STD.DEV.= 0.2 COEF.VAR.= 0.34 %

**********

TL 0039

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.583 | 0.295 | 0.291 |
| PEAK AREA (ABS-SECONDS) | 0.451 | 0.235 | 0.215 |

READ: 78.0

LCSS A 000236 89 %

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | [illegible] | [illegible] | [illegible] |
| PEAK AREA (ABS-SECONDS) | 0.448 | 0.237 | 0.212 |

READ: 78.7

MEAN= 76.8 STD.DEV.= 0.6 COEF.VAR.= 0.77 %

**********

TL 0040

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.441 | 0.232 | 0.210 |
| PEAK AREA (ABS-SECONDS) | 0.306 | 0.169 | 0.137 |

READ: 51.1

UW 4 103

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.470 | 0.250 | 0.224 |
| PEAK AREA (ABS-SECONDS) | 0.321 | 0.172 | 0.1[illegible] |

READ: 52.2

MEAN= 51.7 STD.DEV.= 0.9 COEF.VAR.= 1.72 %

**********

TL 0041

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.039 | 0.009 | 0.038 |
| PEAK AREA (ABS-SECONDS) | 0.009 | 0.005 | 0.004 |

READ: 0.7

UB 4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.038 | 0.009 | 0.035 |
| PEAK AREA (ABS-SECONDS) | 0.002 | 0.003 | 0.005 |

READ: 0.1

MEAN= 0.4 STD.DEV.= 0.4 COEF.VAR.= 99.99 %

**********

TL 0042

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.093 | 0.013 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.064 | 0.007 | 0.057 |

READ: 1.2

23415-01

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.082 | 0.015 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.008 | 0.053 |

READ: 1.4

MEAN= 1.3 STD.DEV.= 0.2 COEF.VAR.= 12.35 % 000237

**********

TL 0043

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.306 | 0.164 | 0.144 |
| [illegible] | [illegible] | [illegible] | [illegible] |

READ: 22.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.311 | 0.170 | 0.142 |
| PEAK AREA (ABS-SECONDS) | 0.133 | 0.081 | 0.112 |

READ: 22.5 23415-01 A 112

MEAN= 22.4 STD.DEV.= 0.[illegible] COEF.VAR.= 0.60 %

**********

TL 0044

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.067 | 0.012 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.008 | 0.046 |

READ: 1.3 23415-02

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.062 | 0.012 | 0.058 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.006 | 0.042 |

READ: 0.8

MEAN= 1.0 STD.DEV.= 0.3 COEF.VAR.= 33.14 %

**********

TL 0045

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.071 | 0.012 | 0.068 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.006 | 0.048 |

READ: 0.8 23415-03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.070 | 0.011 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.006 | 0.046 |

READ: 1.0

MEAN= 0.9 STD.DEV.= 0.1 COEF.VAR.= 17.12 %

**********

TL 0046

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.066 | 0.009 | 0.062 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.007 | 0.045 |

READ: 1.2 23415-04

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.068 | 0.012 | 0.064 |
| PEAK AREA (ABS-SECONDS) | .048 | 0.005 | 0.043 |

READ: 0.6

000238

MEAN= 0.9 STD.DEV.= 0.4 COEF.VAR.= 40.62 %

**********

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.476 | 0.250 | 0.225 |
| PEAK AREA (ABS-SECONDS) | 0.306 | 0.144 | 0.161 |

READ: 42.8

23415-05S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.472 | 0.246 | 0.226 |
| PEAK AREA (ABS-SECONDS) | 0.305 | 0.143 | 0.163 |

READ: 42.3

MEAN= 42.5 STD.DEV.= 0.4 COEF.VAR.= 0.93 %

**********

TL 0048

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.083 | 0.017 | 0.080 |
| PEAK AREA (ABS-SECONDS) | 0.066 | 0.007 | 0.060 |

READ: 1.0

23415-06

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.079 | 0.015 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.054 | 0.007 | 0.057 |

READ: 1.1

MEAN= 1.1 STD.DEV.= 0.1 COEF.VAR.= 6.32 %

**********

TL 0049

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.071 | 0.010 | 0.066 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.007 | 0.045 |

READ: 1.0

23415-07

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.074 | 0.011 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.004 | 0.048 |

READ: 0.4

MEAN= 0.7 STD.DEV.= 0.4 COEF.VAR.= 63.83 %

**********

TL 0050

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.014 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.004 | 0.042 |

READ: 0.4

23415-08

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.059 | 0.011 | 0.054 |
| PEAK AREA (ABS-SECONDS) | 0.046 | 0.007 | 0.039 |

READ: 1.2

MEAN= 0.8 STD.DEV.= 0.5 COEF.VAR.= 66.22 %

**********

TL 0051

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.123 | 0.012 | 0.120 |
| PEAK AREA (ABS-SECONDS) | 0.070 | 0.007 | 0.063 |

READ: 1.1

23415-09

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.124 | 0.013 | 0.120 |
| PEAK AREA (ABS-SECONDS) | 0.067 | 0.006 | 0.061 |

READ: 0.8

MEAN= 0.9 STD.DEV.= 0.2 COEF.VAR.= 25.21 %

**********

TL 0052

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.473 | 0.250 | 0.223 |
| PEAK AREA (ABS-SECONDS) | 0.317 | 0.177 | 0.140 |

READ: 54.0

CW 5 108%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.472 | 0.246 | 0.226 |
| PEAK AREA (ABS-SECONDS) | 0.323 | 0.177 | 0.146 |

READ: 54.2

MEAN= 54.1 STD.DEV.= 0.2 COEF.VAR.= 0.35 %

**********

TL 0053

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.028 | 0.007 | 0.024 |
| PEAK AREA (ABS-SECONDS) | -0.005 | 0.004 | -0.009 |

READ: 0.2

000240

CW 5

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.030 | 0.009 | 0.028 |
| PEAK AREA (ABS-SECONDS) | -0.007 | 0.003 | -0.010 |

READ: 0.1

---

MEAN= 0.2 STD.DEV.= 0.1 COEF.VAR.= 59.11 %

**********

TL 0054

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.062 | 0.012 | 0.061 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.006 | 0.043 |

READ: 0.8

23415-10

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.011 | 0.059 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.007 | 0.041 |

READ: 1.1

---

MEAN= 1.0 STD.DEV.= 0.2 COEF.VAR.= 22.92 %

**********

TL 0055

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.160 | 0.009 | 0.157 |
| PEAK AREA (ABS-SECONDS) | 0.070 | 0.005 | 0.065 |

READ: 0.5

23415-11

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.192 | 0.013 | 0.176 |
| PEAK AREA (ABS-SECONDS) | 0.071 | 0.004 | 0.067 |

READ: 0.3

---

MEAN= 0.4 STD.DEV.= 0.1 COEF.VAR.= 24.68 %

**********

TL 0056

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.100 | 0.016 | 0.096 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.007 | 0.042 |

READ: 1.1

23416-01

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.086 | 0.012 | 0.086 |
| PEAK AREA (ABS-SECONDS) | 0.050 | 0.006 | 0.044 |

READ: 0.7

---

MEAN= 0.9 STD.DEV.= 0.3 COEF.VAR.= 31.08 %

**********

TL 0057

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.169 | 0.014 | 0.160 |
| PEAK AREA (ABS-SECONDS) | 0.079 | 0.006 | 0.073 |

READ: 0.8

000241

---

AA ZAA BG

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | [illegible] | [illegible] | [illegible] |
| PEAK AREA (ABS-SECONDS) | 0.087 | 0.008 | 0.088 |

READ: 0.1

23416-03

MEAN= 0.4 STD.DEV.= 0.4 COEF.VAR.= 99.88 %

**********

TL 0058

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.100 | 0.010 | 0.096 |
| PEAK AREA (ABS-SECONDS) | 0.046 | 0.004 | 0.042 |

READ: 0.3

23417-01

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.079 | 0.011 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.046 | 0.006 | 0.040 |

READ: 0.9

MEAN= 0.6 STD.DEV.= 0.4 COEF.VAR.= 67.24 %

**********

TL 0059

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.087 | 0.012 | 0.084 |
| PEAK AREA (ABS-SECONDS) | 0.053 | 0.007 | 0.044 |

READ: 1.1

23417-02

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.081 | 0.010 | 0.081 |
| PEAK AREA (ABS-SECONDS) | 0.049 | 0.004 | 0.048 |

READ: 0.4

MEAN= 0.8 STD.DEV.= 0.5 COEF.VAR.= 66.86 %

**********

TL 0060

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.081 | 0.008 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.047 | 0.004 | 0.043 |

READ: 0.3

23417-03 D

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.076 | 0.010 | 0.075 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.004 | 0.044 |

READ: 0.3

MEAN= 0.3 STD.DEV.= 0. COEF.VAR.= 15.86 % 000242

**********

TL 0061

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.469 | 0.263 | 0.230 |
| PEAK AREA (ABS-SECONDS) | 0.308 | 0.149 | 0.159 |

READ: 44.3

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.437 | 0.257 | 0.232 |
| PEAK AREA (ABS-SECONDS) | 0.307 | 0.149 | 0.158 |

READ: 44.3

23417-04S

MEAN= 44.3 STD.DEV.= 0.0 COEF.VAR.= 0.07 %

**********

TL 0062

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.082 | 0.013 | 0.075 |
| PEAK AREA (ABS-SECONDS) | 0.056 | 0.006 | 0.050 |

READ: 0.9

23417-05

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.079 | 0.013 | 0.077 |
| PEAK AREA (ABS-SECONDS) | 0.055 | 0.005 | 0.050 |

READ: 0.7

MEAN= 0.8 STD.DEV.= 0.2 COEF.VAR.= 21.38 %

**********

TL 0063

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.079 | 0.011 | 0.076 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.005 | 0.045 |

READ: 0.7

23417-06

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.082 | 0.009 | 0.079 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.003 | 0.048 |

READ: -0.1

MEAN= 0.3 STD.DEV.= 0.5 COEF.VAR.= 99.99 %

**********

TL 0064

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.454 | 0.232 | 0.224 |
| PEAK AREA (ABS-SECONDS) | 0.310 | 0.170 | 0.140 |

READ: 51.6

AW 6 101 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.450 | 0.232 | 0.218 |
| PEAK AREA (ABS-SECONDS) | 0.308 | 0.165 | 0.143 |

READ: 49.8

MEAN= 50.7 STD.DEV.= 1.4 COEF.VAR.= 2.82 % 000243

**********

TL 0065

AA ZAA BG

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.007 | [illegible] |
| PEAK AREA (ABS-SECONDS) | -0.003 | 0.000 | -0.003 |

READ: -0.9

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.004 | 0.006 |
| PEAK AREA (ABS-SECONDS) | 0.001 | -0.001 | 0.002 |

READ: -1.0

---

MEAN= -0.9 STD.DEV.= 0.1 COEF.VAR.= 6.69 %

**********

TL 0066

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.099 | 0.035 | 0.093 |
| PEAK AREA (ABS-SECONDS) | 0.076 | 0.015 | 0.061 |

READ: 3.3

23417-07

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.102 | 0.039 | 0.094 |
| PEAK AREA (ABS-SECONDS) | 0.074 | 0.018 | 0.055 |

READ: 4.2

---

MEAN= 3.8 STD.DEV.= 0.6 COEF.VAR.= 16.32 %

**********

TL 0067

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.074 | 0.011 | 0.071 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.006 | 0.046 |

READ: 0.8

23417-08

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.076 | 0.010 | 0.072 |
| PEAK AREA (ABS-SECONDS) | 0.051 | 0.005 | 0.046 |

READ: 0.4

---

MEAN= 0.6 STD.DEV.= 0.2 COEF.VAR.= 36.43 %

**********

TL 0068

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.305 | 0.165 | 0.140 |
| PEAK AREA (ABS-SECONDS) | 0.198 | 0.088 | 0.111 |

8

4/11/95

READ: 24.5

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.304 | 0.170 | 0.138 |
| PEAK AREA (ABS-SECONDS) | 0.196 | 0.086 | 0.110 |

READ: 23.9

---

MEAN= 24.2 STD.DEV.= 0.4 COEF.VAR.= 1.66 %

**********

TL 0069

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.007 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.003 | 0.004 | -0.001 |

READ: 0.3

23417-08

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.004 | 0.007 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.003 | 0.000 | -0.003 |

READ: -0.6

MEAN= -0.3 STD.DEV.= 0.7 COEF.VAR.= 99.99 %

**********

TL 0070

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.274 | 0.150 | 0.125 |
| PEAK AREA (ABS-SECONDS) | 0.194 | 0.080 | 0.104 |

READ: 22.2

-08A 110 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.280 | 0.152 | 0.128 |
| PEAK AREA (ABS-SECONDS) | 0.193 | 0.079 | 0.104 |

READ: 21.8

MEAN= 22.0 STD.DEV.= 0.3 COEF.VAR.= 1.18 %

**********

TL 0071

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.124 | 0.011 | 0.121 |
| PEAK AREA (ABS-SECONDS) | 0.060 | 0.005 | 0.055 |

READ: 0.7

23417-09

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.130 | 0.010 | 0.128 |
| PEAK AREA (ABS-SECONDS) | 0.063 | 0.003 | 0.059 |

READ: 0.1

MEAN= 0.4 STD.DEV.= 0.4 COEF.VAR.= 99.99 %

**********

TL 0072

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.438 | 0.228 | 0.214 |
| PEAK AREA (ABS-SECONDS) | 0.309 | 0.170 | 0.139 |

READ: 51.6

000245 103 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.452 | 0.235 | 0.223 |
| PEAK AREA (ABS-SECONDS) | 0.319 | 0.171 | 0.148 |

READ: 51.8

---

MEAN= 51.7 STD.DEV.= 0.2 COEF.VAR.= 0.41 %

**********

TL 0073

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.047 | 0.008 | 0.046 |
| PEAK AREA (ABS-SECONDS) | 0.012 | 0.004 | 0.008 |

READ: 0.3

Ub

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.008 | 0.040 |
| PEAK AREA (ABS-SECONDS) | 0.006 | 0.003 | 0.002 |

READ: 0.2

---

MEAN= 0.2 STD.DEV.= 0.1 COEF.VAR.= 50.69 %

**********

TL 0074

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.017 | 0.006 | 0.015 |
| PEAK AREA (ABS-SECONDS) | 0.013 | 0.002 | 0.011 |

READ: -0.3

23483 - PBW / R RR

---

| | AA | ZAA 4/11/95 | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.014 | 0.007 | 0.012 |
| PEAK AREA (ABS-SECONDS) | 0.014 | 0.002 | 0.012 |

READ: -0.1

---

MEAN= -0.2 STD.DEV.= 0.1 COEF.VAR.= 52.27 %

**********

TL 0075

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.266 | 0.144 | 0.125 |
| PEAK AREA (ABS-SECONDS) | 0.166 | 0.087 | 0.079 |

READ: 24.4

wrong sample

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.235 | 0.125 | 0.110 |
| PEAK AREA (ABS-SECONDS) | 0.145 | 0.080 | 0.065 |

READ: 22.2

---

MEAN= 23.3 STD.DEV.= 1.6 COEF.VAR.= 6.97 %

**********

TL 0076

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.005 | 0.006 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.003 | 0.000 | -0.003 |

READ: -0.8

23483 + 23515 + 23457 - PBW

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.005 | 0.006 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.000 | -0.001 | 0.000 |

READ: -0.9

MEAN= -0.9 STD.DEV.= 0.1 COEF.VAR.= 10.13 %

**********

TL 0077

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.217 | 0.117 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.139 | 0.075 | 0.065 |

READ: 20.5

- PBW A 103%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.220 | 0.118 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.138 | 0.075 | 0.063 |

READ: 20.7

MEAN= 20.6 STD.DEV.= 0.2 COEF.VAR.= 0.79 %

**********

TL 0078

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.445 | 0.232 | 0.213 |
| PEAK AREA (ABS-SECONDS) | 0.256 | 0.152 | 0.134 |

READ: 45.4

2X 23483 + 23515 + 23457 - LCSW

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.450 | 0.242 | 0.212 |
| PEAK AREA (ABS-SECONDS) | 0.290 | 0.156 | 0.134 |

READ: 46.9

MEAN= 46.1 STD.DEV.= 1.1 COEF.VAR.= 2.45 %

**********

TL 0079

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.617 | 0.322 | 0.302 |
| PEAK AREA (ABS-SECONDS) | 0.416 | 0.217 | 0.199 |

READ: 68.8

- LCSWA 000247 98%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.590 | 0.301 | 0.284 |
| PEAK AREA (ABS-SECONDS) | 0.383 | 0.201 | 0.151 |

READ: 62.9

---

MEAN= 65.8 STD.DEV.= 4.7 COEF.VAR.= 7.16 %

**********

TL 0080

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.015 | 0.008 | 0.009 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.002 | 0.003 |

READ: -0.2

23483-05

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.007 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.001 | 0.004 |

READ: -0.6

---

MEAN= -0.4 STD.DEV.= 0.3 COEF.VAR.= 75.24 %

**********

TL 0081

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.219 | 0.119 | 0.104 |
| PEAK AREA (ABS-SECONDS) | 0.140 | 0.077 | 0.063 |

READ: 21.3

-05A 107

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.221 | 0.123 | 0.100 |
| PEAK AREA (ABS-SECONDS) | 0.143 | 0.078 | 0.065 |

READ: 21.5

---

MEAN= 21.4 STD.DEV.= 0.2 COEF.VAR.= 0.89 %

**********

TL 0082

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.008 | 0.007 |
| PEAK AREA (ABS-SECONDS) | 0.004 | 0.004 | 0.000 |

READ: 0.2

23515-01 BBFB03

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.007 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.003 | 0.001 | 0.002 |

READ: -0.5

---

MEAN= -0.1 STD.DEV.= 0.5 COEF.VAR.= 99.99 % 000248

**********

TL 0083

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.007 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.004 | 0.000 | 0.004 |

READ: -0.8

23515-02 BBRB03

---

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.008 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.007 | 0.005 | 0.002 |

READ: 0.4

MEAN= -0.2 STD.DEV.= 0.9 COEF.VAR.= 99.99 %

**********

TL 0084

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.448 | 0.236 | 0.218 |
| PEAK AREA (ABS-SECONDS) | 0.335 | 0.164 | 0.131 |

READ: 49.6

CW8 101

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.450 | 0.239 | 0.213 |
| PEAK AREA (ABS-SECONDS) | 0.304 | 0.170 | 0.134 |

READ: 51.5

MEAN= 50.5 STD.DEV.= 1.5 COEF.VAR.= 2.98 %

**********

TL 0085

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.007 | 0.007 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.001 | 0.003 | -0.001 |

READ: -0.1

CW8

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.006 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.000 | -0.001 | 0.001 |

READ: -1.1

MEAN= -0.6 STD.DEV.= 0.7 COEF.VAR.= 99.99 %

**********

TL 0086

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.006 | 0.008 |
| PEAK AREA (ABS-SECONDS) | 0.007 | 0.001 | 0.006 |

READ: -0.8

23457-09

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.011 | 0.007 | 0.009 |
| PEAK AREA (ABS-SECONDS) | 0.008 | 0.001 | 0.007 |

READ: -0.4

MEAN= -0.5 STD.DEV.= 0 COEF.VAR.= 25.98 %

**********

TL 0087

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.009 | 0.017 |
| PEAK AREA (ABS-SECONDS) | 0.009 | 0.001 | 0.008 |

READ: -0.5

23483 + 23457 - PBS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.020 | 0.007 | 0.018 |
| PEAK AREA (ABS-SECONDS) | 0.007 | 0.001 | 0.006 |

READ: -0.5

MEAN= -0.5 STD.DEV.= 0.0 COEF.VAR.= 3.26 %

**********

TL 0088

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.216 | 0.117 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.130 | 0.072 | 0.058 |

READ: 19.8

- PBS A 102%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.222 | 0.122 | 0.102 |
| PEAK AREA (ABS-SECONDS) | 0.138 | 0.077 | 0.061 |

READ: 21.3

MEAN= 20.4 STD.DEV.= 1.2 COEF.VAR.= 5.99 %

**********

TL 0089

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.454 | 0.236 | 0.220 |
| PEAK AREA (ABS-SECONDS) | 0.299 | 0.158 | 0.142 |

READ: 47.3

10X 23483 + 23457 - LCS# 222

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.452 | 0.234 | 0.218 |
| PEAK AREA (ABS-SECONDS) | 0.304 | 0.159 | 0.146 |

READ: 47.8

MEAN= 47.5 STD.DEV.= 0.3 COEF.VAR.= 0.53 %

**********

TL 0090

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.587 | 0.303 | 0.284 |
| PEAK AREA (ABS-SECONDS) | 0.399 | 0.204 | 0.195 |

READ: 63.9

- LCS A 84%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.586 | 0.296 | 0.292 |
| PEAK AREA (ABS-SECONDS) | 0.355 | 0.207 | 0.158 |

READ: 85.0

000250

MEAN= 64.4 STD.DEV.= 0.9 COEF.VAR.= 1.38 %

**********

TL 0091

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.149 | 0.015 | 0.140 |
| PEAK AREA (ABS-SECONDS) | 0.056 | 0.007 | 0.078 |

READ: 1.2

23483-01

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.164 | 0.015 | 0.160 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.005 | 0.054 |

READ: 0.6

MEAN= 0.9 STD.DEV.= 0.4 COEF.VAR.= 45.78 %

**********

TL 0092

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.242 | 0.133 | 0.180 |
| PEAK AREA (ABS-SECONDS) | 0.137 | 0.071 | 0.126 |

READ: 19.5

01 A 98%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.246 | 0.134 | 0.177 |
| PEAK AREA (ABS-SECONDS) | 0.200 | 0.072 | 0.128 |

READ: 19.8

MEAN= 19.7 STD.DEV.= 0.2 COEF.VAR.= 1.06 %

**********

TL 0093

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.210 | 0.014 | 0.200 |
| PEAK AREA (ABS-SECONDS) | 0.107 | 0.005 | 0.102 |

READ: 0.5

23483-01D

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.214 | 0.012 | 0.204 |
| PEAK AREA (ABS-SECONDS) | 0.110 | 0.008 | 0.102 |

READ: 1.4

MEAN= 0.9 STD.DEV.= 0.6 COEF.VAR.= 61.39 %

**********

TL 0094

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.493 | 0.256 | 0.298 |
| PEAK AREA (ABS-SECONDS) | 0.370 | 0.146 | 0.223 |

READ: 43.4

23483-01S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.489 | 0.248 | 0.296 |
| PEAK AREA (ABS-SECONDS) | 0.364 | 0.143 | 0.221 |

000251

READ: 42.1

MEAN= 42.8 STD.DEV.= 1.0 COEF.VAR.= 2.31 %

**********

TL 0095

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.211 | 0.012 | 0.208 |
| PEAK AREA (ABS-SECONDS) | 0.091 | 0.005 | 0.087 |

READ: 0.5

23483-02

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.201 | 0.012 | 0.200 |
| PEAK AREA (ABS-SECONDS) | 0.089 | 0.006 | 0.083 |

READ: 0.9

MEAN= 0.7 STD.DEV.= 0.3 COEF.VAR.= 38.11 %

**********

TL 0096

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.450 | 0.234 | 0.220 |
| PEAK AREA (ABS-SECONDS) | 0.315 | 0.167 | 0.147 |

READ: 50.7

CW 9 101 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.445 | 0.232 | 0.216 |
| PEAK AREA (ABS-SECONDS) | 0.307 | 0.166 | 0.141 |

READ: 50.2

MEAN= 50.5 STD.DEV.= 0.3 COEF.VAR.= 0.67 %

**********

TL 0097

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.004 | 0.006 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.001 | 0.002 | -0.008 |

READ: -0.3

Cebq

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.005 | 0.008 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.001 | 0.003 | -0.004 |

READ: 0.0

MEAN= -0.1 STD.DEV.= 0.2 COEF.VAR.= 99.99 %

**********

TL 0098

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.182 | 0.010 | 0.178 |
| PEAK AREA (ABS-SECONDS) | 0.088 | 0.006 | 0.077 |

READ: 0.9

000252

23483-03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.207 | 0.011 | 0.204 |
| PEAK AREA (ABS-SECONDS) | 0.091 | 0.005 | 0.086 |

READ: 0.5

---

MEAN= 0.7 STD.DEV.= 0.2 COEF.VAR.= 26.07 %

**********

TL 0099

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.180 | 0.012 | 0.175 |
| PEAK AREA (ABS-SECONDS) | 0.097 | 0.004 | 0.093 |

READ: 0.4

23483-04

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.179 | 0.014 | 0.175 |
| PEAK AREA (ABS-SECONDS) | 0.088 | 0.006 | 0.092 |

READ: 0.8

---

MEAN= 0.6 STD.DEV.= 0.3 COEF.VAR.= 51.30 %

**********

TL 0100

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.195 | 0.014 | 0.188 |
| PEAK AREA (ABS-SECONDS) | 0.095 | 0.008 | 0.091 |

READ: 1.3

23457-01

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.192 | 0.015 | 0.188 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.005 | 0.096 |

READ: 0.5

---

MEAN= 0.9 STD.DEV.= 0.6 COEF.VAR.= 61.23 %

**********

TL 0101

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.212 | 0.012 | 0.206 |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.007 | 0.092 |

READ: 1.2

23457-010

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.212 | 0.010 | 0.206 |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.006 | 0.094 |

READ: 0.8

---

MEAN= 1.0 STD.DEV.= 0.3 COEF.VAR.= 28.54 %

**********

TL 0102

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.530 | 0.242 | 0.344 |
| PEAK AREA (ABS-SECONDS) | 0.334 | 0.138 | 0.226 |

000253

READ: 40.7

23457-015

---

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | | | |
| PEAK AREA (ABS-SECONDS) | 0.234 | 0.137 | 0.227 |

READ: 40.2

MEAN= 40.4 STD.DEV.= 0.4 COEF.VAR.= 0.92 %

**********

TL 0103

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.242 | 0.018 | 0.232 |
| PEAK AREA (ABS-SECONDS) | 0.110 | 0.009 | 0.101 |

READ: 1.8

23457-02

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.224 | 0.019 | 0.220 |
| PEAK AREA (ABS-SECONDS) | 0.109 | 0.012 | 0.097 |

READ: 2.5

MEAN= 2.1 STD.DEV.= 0.5 COEF.VAR.= 23.85 %

**********

TL 0104

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.187 | 0.009 | 0.180 |
| PEAK AREA (ABS-SECONDS) | 0.076 | 0.005 | 0.073 |

READ: 0.7

23457-03

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.177 | 0.011 | 0.174 |
| PEAK AREA (ABS-SECONDS) | 0.076 | 0.005 | 0.071 |

READ: 0.5

MEAN= 0.6 STD.DEV.= 0.1 COEF.VAR.= 21.77 %

**********

TL 0105

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.187 | 0.014 | 0.182 |
| PEAK AREA (ABS-SECONDS) | 0.090 | 0.008 | 0.088 |

READ: 1.3

23457-04

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.191 | 0.019 | 0.182 |
| PEAK AREA (ABS-SECONDS) | 0.096 | 0.010 | 0.085 |

READ: 2.0

MEAN= 1.7 STD.DEV.= 0.5 COEF.VAR.= 29.72 %

000254

**********

TL 0106

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.206 | 0.020 | 0.204 |
| PEAK AREA (ABS-SECONDS) | 0.072 | 0.010 | 0.062 |

READ: 2.2

23457-05

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.232 | 0.018 | 0.228 |
| PEAK AREA (ABS-SECONDS) | 0.120 | 0.009 | 0.111 |

READ: 1.8

MEAN= 2.0 STD.DEV.= 0.3 COEF.VAR.= 13.64 %

**********

TL 0107

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.047 | 0.028 | 0.044 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.017 | 0.044 |

READ: 3.8

23457-06

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.049 | 0.028 | 0.045 |
| PEAK AREA (ABS-SECONDS) | .065 | 0.018 | 0.048 |

READ: 3.9

MEAN= 3.8 STD.DEV.= 0.1 COEF.VAR.= 1.60 %

**********

TL 0108

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.503 | 0.252 | 0.251 |
| PEAK AREA (ABS-SECONDS) | 0.315 | 0.160 | 0.155 |

READ: 46.6

AW 10 97%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.478 | 0.242 | 0.238 |
| PEAK AREA (ABS-SECONDS) | 0.317 | 0.171 | 0.146 |

READ: 50.6

MEAN= 48.6 STD.DEV.= 3.4 COEF.VAR.= 6.91 %

**********

TL 0109

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.008 | 0.008 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.003 | 0.001 | 0.002 |

READ: 0.0

AW 10

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.004 | 0.006 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.001 | 0.003 | -0.002 |

READ: 0.4

MEAN= 0.2 STD.DEV.= 0.3 COEF.VAR.= 99.99 % 000255

**********

TL 0110

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | | | |
| PEAK AREA (ABS-SECONDS) | 0.100 | 0.005 | 0.095 |

READ: 0.4

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.228 | 0.011 | 0.224 |
| PEAK AREA (ABS-SECONDS) | 0.101 | 0.005 | 0.096 |

READ: 0.7

23457-07

MEAN= 0.6 STD.DEV.= 0.2 COEF.VAR.= 28.65 %

**********

TL 0111

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.027 | 0.008 | 0.024 |
| PEAK AREA (ABS-SECONDS) | 0.016 | -0.001 | 0.016 |

READ: -1.0

23515-PBS

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.022 | 0.006 | 0.020 |
| PEAK AREA (ABS-SECONDS) | 0.016 | -0.001 | 0.017 |

READ: -1.1

MEAN= -1.0 STD.DEV.= 0.1 COEF.VAR.= 7.32 %

**********

TL 0112

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.214 | 0.111 | 0.104 |
| PEAK AREA (ABS-SECONDS) | 0.153 | 0.076 | 0.076 |

READ: 20.9

=PBS 104%

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.213 | 0.112 | 0.103 |
| PEAK AREA (ABS-SECONDS) | 0.147 | 0.075 | 0.073 |

READ: 20.7

MEAN= 20.8 STD.DEV.= 0.1 COEF.VAR.= 0.70 %

**********

TL 0113

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.472 | 0.244 | 0.229 |
| PEAK AREA (ABS-SECONDS) | 0.315 | 0.162 | 0.153 |

READ: 48.9

10X 23595-LCS # 222

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.466 | 0.240 | 0.228 |
| PEAK AREA (ABS-SECONDS) | 0.311 | 0.160 | 0.151 |

000256

READ: 48.2

MEAN= 48.6 STD.DEV.= 0.6 COEF.VAR.= 1.16 %

**********

TL 0114

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.604 | 0.309 | 0.296 |
| PEAK AREA (ABS-SECONDS) | 0.405 | 0.210 | 0.195 |

READ: 66.3 10X 23515-LCSIA 88 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.608 | 0.314 | 0.302 |
| PEAK AREA (ABS-SECONDS) | 0.412 | 0.210 | 0.202 |

READ: 66.3

MEAN= 66.3 STD.DEV.= 0.0 COEF.VAR.= 0.03 %

**********

TL 0115

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.142 | 0.018 | 0.140 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.007 | 0.061 |

READ: 1.0 23515-01 BBSS10

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.140 | 0.015 | 0.138 |
| PEAK AREA (ABS-SECONDS) | 0.058 | 0.006 | 0.057 |

READ: 0.8

MEAN= 0.9 STD.DEV.= 0.1 COEF.VAR.= 16.37 %

**********

TL 0116

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.263 | 0.145 | 0.145 |
| PEAK AREA (ABS-SECONDS) | 0.131 | 0.077 | 0.115 |

READ: 21.1 -01A 106 %

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.263 | 0.144 | 0.143 |
| PEAK AREA (ABS-SECONDS) | 0.131 | 0.077 | 0.114 |

READ: 21.3

MEAN= 21.2 STD.DEV.= 0.1 COEF.VAR.= 0.52 %

**********

TL 0117

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.154 | 0.018 | 0.149 |
| PEAK AREA (ABS-SECONDS) | 0.074 | 0.011 | 0.058 |

READ: 2.1

000257

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.155 | 0.017 | 0.152 |
| PEAK AREA (ABS-SECONDS) | 0.075 | 0.009 | 0.066 |

READ: [illegible]

23512-04P BBSS10D

MEAN= 1.8 STD.DEV.= 0.4 COEF.VAR.= 20.50 %

**********

TL 0118

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.530 | 0.275 | 0.255 |
| PEAK AREA (ABS-SECONDS) | 0.347 | 0.156 | 0.191 |

READ: 46.8

23515-05S BBSS10S

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.537 | 0.281 | 0.259 |
| PEAK AREA (ABS-SECONDS) | 0.347 | 0.152 | 0.195 |

READ: 45.3

MEAN= 46.1 STD.DEV.= 1.1 COEF.VAR.= 2.43 %

**********

TL 0119

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.171 | 0.012 | 0.166 |
| PEAK AREA (ABS-SECONDS) | 0.096 | 0.007 | 0.099 |

READ: 1.0

23515-06 BBSS11

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.174 | 0.014 | 0.167 |
| PEAK AREA (ABS-SECONDS) | 0.095 | 0.008 | 0.087 |

READ: 1.4

MEAN= 1.2 STD.DEV.= 0.3 COEF.VAR.= 26.80 %

**********

TL 0120

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.455 | 0.238 | 0.219 |
| PEAK AREA (ABS-SECONDS) | 0.313 | 0.166 | 0.147 |

READ: 50.1

UW 102

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.462 | 0.244 | 0.220 |
| PEAK AREA (ABS-SECONDS) | 0.317 | 0.171 | 0.146 |

READ: 51.9

MEAN= 51.0 STD.DEV.= 1.4 COEF.VAR.= 2.70 %

**********

TL 0121

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.009 | 0.008 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.001 | 0.002 | -0.002 |

READ: -0.2

000258

UW

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | | | |
| PEAK AREA (ABS-SECONDS) | -0.001 | 0.004 | -0.006 |

READ: 0.4

---

MEAN= 0.1 STD.DEV.= 0.4 COEF.VAR.= 99.99 %

**********

TL 0122

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.046 | 0.014 | 0.041 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.003 | 0.035 |

READ: 1.4

23515-07 BBSS12

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.044 | 0.012 | 0.042 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.007 | 0.040 |

READ: 1.2

---

MEAN= 1.3 STD.DEV.= 0.2 COEF.VAR.= 12.52 %

**********

TL 0123

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.095 | 0.012 | 0.097 |
| PEAK AREA (ABS-SECONDS) | 0.107 | 0.006 | 0.101 |

READ: 1.0

23515-08 BBSS13

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.095 | 0.012 | 0.099 |
| PEAK AREA (ABS-SECONDS) | 0.111 | 0.004 | 0.108 |

READ: 0.2

---

MEAN= 0.6 STD.DEV.= 0.5 COEF.VAR.= 82.52 %

**********

TL 0124

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.060 | 0.012 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.050 | 0.006 | 0.044 |

READ: 0.9

23515-09 BBSS14

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.057 | 0.013 | 0.052 |
| PEAK AREA (ABS-SECONDS) | 0.048 | 0.006 | 0.042 |

READ: 0.7

---

MEAN= 0.8 STD.DEV.= 0.1 COEF.VAR.= 17.83 % 000259

**********

TL 0125

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.095 | 0.012 | 0.090 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.004 | 0.070 |

READ: [illegible]

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.135 | 0.012 | 0.128 |
| PEAK AREA (ABS-SECONDS) | 0.078 | 0.005 | 0.068 |

READ: 0.6 23515-10 BBSS15

MEAN= 0.4 STD.DEV.= 0.2 COEF.VAR.= 57.58 %

**********

TL 0126

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.100 | 0.008 | 0.097 |
| PEAK AREA (ABS-SECONDS) | 0.056 | 0.004 | 0.052 |

READ: 0.2 23515-11 BBSS16

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.094 | 0.010 | 0.091 |
| PEAK AREA (ABS-SECONDS) | 0.052 | 0.005 | 0.057 |

READ: 0.5

MEAN= 0.4 STD.DEV.= 0.3 COEF.VAR.= 74.22 %

**********

TL 0127

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.158 | 0.016 | 0.149 |
| PEAK AREA (ABS-SECONDS) | 0.094 | 0.006 | 0.077 |

READ: 1.0 23515-12 BBSS17

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.162 | 0.017 | 0.157 |
| PEAK AREA (ABS-SECONDS) | 0.080 | 0.006 | 0.071 |

READ: 1.5

MEAN= 1.2 STD.DEV.= 0.4 COEF.VAR.= 31.67 %

**********

TL 0128

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.162 | 0.023 | 0.158 |
| PEAK AREA (ABS-SECONDS) | 0.069 | 0.009 | 0.060 |

READ: 1.6 23515-13 BBSS18

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.164 | 0.019 | 0.153 |
| PEAK AREA (ABS-SECONDS) | 0.070 | 0.011 | 0.058 |

READ: 2.3 000260

MEAN= 1.9 STD.DEV.= 0.5 COEF.VAR.= 27.53 %

**********

TL 0129

| | AA | ZAA | BG |
|---|---|---|---|

| | | | |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | [illegible] | [illegible] | [illegible] |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.003 | 0.058 |

READ: 0.1

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.098 | 0.010 | 0.093 |
| PEAK AREA (ABS-SECONDS) | 0.061 | 0.004 | 0.057 |

READ: 0.3 23515-14 BBSS19

MEAN= 0.2 STD.DEV.= 0.2 COEF.VAR.= 91.35 %

**********

TL 0130

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.147 | 0.021 | 0.143 |
| PEAK AREA (ABS-SECONDS) | 0.067 | 0.012 | 0.055 |

READ: 2.4 23515-15 BBSS20

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.147 | 0.020 | 0.148 |
| PEAK AREA (ABS-SECONDS) | 0.063 | 0.011 | 0.052 |

READ: 2.3

MEAN= 2.4 STD.DEV.= 0.[illegible] COEF.VAR.= 5.53 %

**********

TL 0131

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.147 | 0.012 | 0.145 |
| PEAK AREA (ABS-SECONDS) | 0.073 | 0.005 | 0.068 |

READ: 0.5 23515-16 BBSS21

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.154 | 0.012 | 0.153 |
| PEAK AREA (ABS-SECONDS) | 0.068 | 0.006 | 0.062 |

READ: 0.9

MEAN= 0.7 STD.DEV.= 0.3 COEF.VAR.= 41.79 %

**********

TL 0132

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.486 | 0.248 | 0.240 |
| PEAK AREA (ABS-SECONDS) | 0.359 | 0.176 | 0.183 |

READ: 53.7 LW 12 108

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.480 | 0.246 | 0.237 |
| PEAK AREA (ABS-SECONDS) | 0.352 | 0.178 | 0.174 |

READ: 54.4

000261

MEAN= 54.1 STD.DEV.= 0.5 COEF.VAR.= 1.00 %

**********

TL 0133

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.004 | 0.008 | 0.002 |
| PEAK AREA (ABS-SECONDS) | -0.002 | 0.002 | -0.005 |

READ: -0.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.010 | 0.008 | 0.005 |
| PEAK AREA (ABS-SECONDS) | 0.005 | 0.004 | 0.001 |

READ: 0.4

---

MEAN= 0.1 STD.DEV.= 0.3 COEF.VAR.= 99.99 %

**********

TL 0134

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.067 | 0.014 | 0.064 |
| PEAK AREA (ABS-SECONDS) | 0.074 | 0.007 | 0.067 |

READ: 1.1

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.068 | 0.012 | 0.067 |
| PEAK AREA (ABS-SECONDS) | 0.075 | 0.007 | 0.067 |

READ: 1.2

---

MEAN= 1.1 STD.DEV.= 0.1 COEF.VAR.= 5.30 %

**********

TL 0135

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.477 | 0.251 | 0.229 |
| PEAK AREA (ABS-SECONDS) | 0.833 | 0.177 | 0.156 |

READ: 54.0

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.460 | 0.242 | 0.220 |
| PEAK AREA (ABS-SECONDS) | 0.816 | 0.166 | 0.150 |

READ: 50.2

---

MEAN= 52.1 STD.DEV.= 3.0 COEF.VAR.= 5.71 %

**********

TL 0136

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.008 | 0.004 |
| PEAK AREA (ABS-SECONDS) | 0.000 | 0.002 | -0.002 |

READ: -0.2

---

| | AA | ZAA | BG |
|---|---|---|---|
| PEAK HEIGHT (ABSORBANCE) | 0.006 | 0.009 | 0.003 |
| PEAK AREA (ABS-SECONDS) | -0.002 | 0.003 | -0.005 |

READ: 0.0

---

MEAN= -0.1 STD.DEV.= 0.2 COEF.VAR.= 99.99 %

**********

@

*Inorganic Data – Wet Chemistry*

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351503 | 2351504 | 2351506 | |
| Client ID : | BBSS10 | BBSS10MS | BBSS11 | Method Blank |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 0.61 U | 0.60 U | 0.63 U | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351507 | 2351508 | 2351509 | |
| Client ID : | BBSS12 | BBSS13 | BBSS14 | Method Blank |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 0.86 | 4.86 | 71.29 | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351510 | 2351511 | 2351512 | |
| Client ID : | BBSS15 | BBSS16 | BBSS17 | Method Blank |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 8.53 | 0.56 U | 1.69 | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | | |
|---|---|---|---|---|
| Lab ID : | 2351513 | 2351514 | 2351515 | |
| Client ID : | BBSS18 | BBSS19 | BBSS20 | Method Blank |
| Parameter(s) | | | | |
| Results in mg/Kg (dry basis) : | | | | |
| Total Cyanide | 3.55 | 7.68 | 4.10 | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | |
|---|---|---|---|
| Lab ID : | 2351516 | 2351517 | |
| Client ID : | BBSS21 | BBSS22 | Method Blank |
| Parameter(s) | | | |
| Results in mg/Kg (dry basis) : | | | |
| Total Cyanide | 0.63 U | 0.65 U | 0.5 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

Log In No : 23515

We find as follows :

| | Sample Identification | | |
|---|---|---|---|
| Lab ID : | 2351501 | 2351502 | |
| Client ID : | BBFB03 | BBRB03 | Method Blank |
| Parameter(s) | | | |
| Results in mg/L: | | | |
| Total Cyanide | 0.01 U | 0.01 U | 0.01 U |

U : Below method blank/method reporting limit
E : Above method limit
NA : Not available
NR : Not Required

QC/QA REPORT

CLIENT : Weston

Log In Number : 23515

| PARAMETER | Sample Result | Duplicate Sample Result | % RPD | Sample Result for spike | Spike Added | Spike + Sample Result | % Spike Recovered | Sample for QC from same sample? (dup/spike) |
|---|---|---|---|---|---|---|---|---|
| Total Cyanide, mg/L | 0.01 U | 0.01 U | NC | 0.01 U | 0.100 | 0.108 | 108.0 | NO/NO |
| Total Cyanide, mg/Kg | 0.5 U | 0.5 U | NC | 0.5 U | 4.92 | 2.75 | 55.9 | NO/NO |

NC : Non-calculable
NA : Non-Available

E : Above method limit
U : Below method reporting limit

DATE OF ANALYSIS: 4-12-95

# NYTEST LOG BOOK

157 ,9

ANALYST: BUDDHADB Math

METHOD NO.: 335.5 (M)

ANALYTE: TCN (W)

(EPA/STD METHOD)

Sources: ① Stock Std: 1000 ppm; Sclns. Plus lot #950321; Prep. dt: 4/11/95
② ICV/LCS: SPEX LOT# 2-5CYN1 Concn: 0.250 mg/lit (ppm)

| Date Rec'd | Client ID (Sample ID) | Log No. | Initial Vol. | Final Vol. | pH | Dist. Date | Final Concn (ppm) | % R % RPD |
|---|---|---|---|---|---|---|---|---|
| | 0.200 | | 50 | 50 | >12 | 4/11/95 | 0.200 | |
| | CO | | | | | | <0.01 | |
| | Blank | | | | | | | |
| | S1 | | | | | | 0.200 | |
| | S2 | | | | | | 0.149 | |
| | S3 | | | | | | 0.102 | |
| | S4 | Corr: Coeff: 0.9999 | | | | | 0.051 | |
| | S5 | | | | | | 0.010 | |
| | S6 | | | | | | <0.01 | |
| | ICV | | | 100 | | | 0.255 ~~0.129~~ | 103 |
| | ICB | | | 50 | | | <0.01 | |
| | CCV | | | | | | 0.103 | 103 |
| | CCB | | | | | | <0.01 | |
| | AN ~~LCS~~ HISTD | | | | | | 0.197 | |
| | CRQL | | | | | | 0.008 | |
| | LCS | | | 100 | | | 0.243 | 97 |
| | PB | | | 50 | | | <0.01 | |
| 3/30/95 | RB0902 | 23438 -05 | | | | | | |
| | FB330 | 23442 -10 | | | | | | |
| 3/31/95 | FB331 | 23457 -09 | | | | | | |
| 4/4/95 | FB4395 AN | 23483 -05 | | | | | | |
| 4/4/95 | WL1W | 23491 -04 | | | | | | |
| | WL2W | -05 | | | | | | |
| | CCV | | | | | | 0.099 | 99 |
| | CCB | | | | | | <0.01 | |
| | WL3W | 23491 -06 | | | | | | |
| | FB1 | -07 | | | | | | |
| 4/5/95 | 502950 | 23500 -02 | | | | | | |

158 DATE OF ANALYSIS: 4-12-95
ANALYST: [illegible]
ANALYTE: TCN (W) cantd.

# NYTEST LOG BOOK

METHOD NO.:
(EPA/STD METHOD)

| Date Rec'd | Client ID (Sample ID) | Log No. | Initial Vol. | Final Vol | pH | Dist. Date | Final Concn (ppm) | % R RPD |
|---|---|---|---|---|---|---|---|---|
| 4/5/95 | FB2 | 23501-01 | 50 | 50 | >12 | 4/11/95 | <0.01 | |
| | MW4 | -02 | | | | | | |
| | MW3 | -03 | | | | | | |
| 4/6/95 | 039502 | 23510-02 | | | | | | |
| 4/6/95 | FB4 | 23514-01 | | | | | | |
| | MW6 | -02 | | | | | | |
| | MW6 Dup | -03 | | | | | | |
| | CCV | | | | | | 0.100 | 100 |
| | CCB | | | | | | <0.01 | |
| | LCS | | | 100 | | | 0.218 | 87.2 |
| | PB | | | 50 | | | <0.01 | |
| | MW6 Dup MS | -03 | | | | | | 0.0 |
| | MW6 Dup MSD | -03 | | | | | 0.110 | 110 |
| | Post Spk | -03 | | | | | 0.107 | 107 |
| 4/6/95 | BBFB03 | 23515-01 | | | | | <0.01 | |
| | BBRB03 | -02 | | | | | | |
| 4/7/95 | MW7 | 23527-01 | | | | | | |
| | MW8 | -02 | | | | | | |
| | MW10 | -03 | | | | | | |
| | CCV | | | | | | 0.101 | 101 |
| | CCB | | | | | | <0.01 | |
| | FB5 | -04 | | | | | | |
| 4/10/95 | 20195 | 23540-01 | | | | | | |
| | 20295 | -02 | | | | | | |
| | 20495 | -03 | | | | | | |
| | 20495 MS | -03 | | | | | | 0.0 |
| | 20495 MSD | -03 | | | | | 0.108 | 108 |
| | Post Spk | -03 | | | | | 0.111 | 111 |

DATE OF ANALYSIS: 4-12-95
ANALYST: B. Nath
ANALYTE: TCN (1) Contd.

# NYTEST LOG BOOK

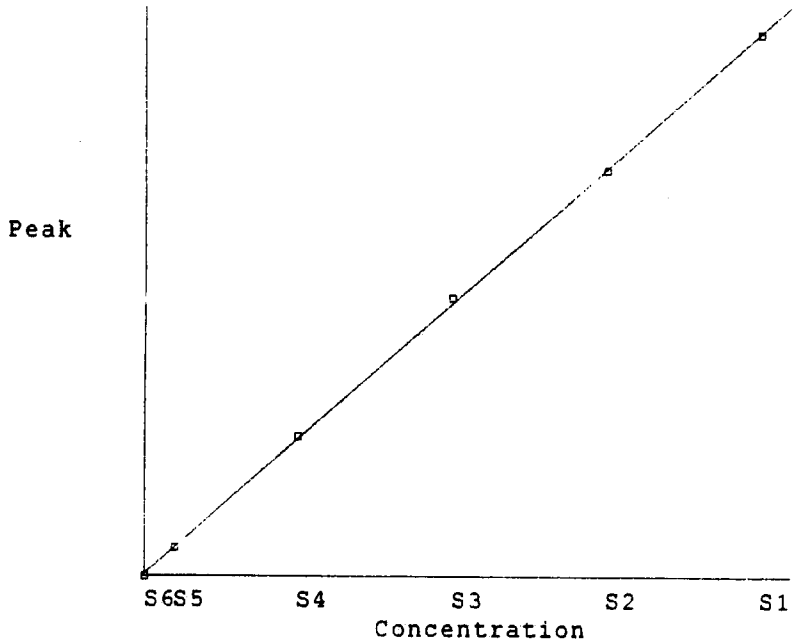
METHOD NO.:
(EPA/STD METHOD)



| Date Rec'd | Client ID (Sample ID) | Log No. | Initial Vol. | Final Vol. | pH | Dist. Date | Final Concn (ppm) | % R % RPD |
|---|---|---|---|---|---|---|---|---|
| | Blank | | 50 | 50 | >12 | 4/11/95 | <0.01 | |
| | CCV | | | | | | 0.99 | 99 |
| | CCB | | | | | | <0.01 | |
| | LCS | | | 100 | | | 0.264 | 106 |
| | PB | | | 50 | | | <0.01 | |
| | D2 | | | | | | 0.153 | |
| | Blank | | | | | | <0.01 | |
| | CCV | | | | | | 0.097 | 97 |
| | CCB | | | | | | <0.01 | |
| | LCS | | | 100 | | | 0.262 | 105 |
| | PB | | | 50 | | | <0.01 | |
| | D2 | | | | | | 0.149 | |

Avalin

4/12/95 10:24 Standard Set #1.
Data File: 0412CN1W
Method File: TCN
Sample Table File: 0412CN1W




7842
78
4333
18
35

| S# | Peak | Value | Calc |
|---|---|---|---|
| S1 | 72.088 | 0.200 | 0.200 |
| S2 | 53.996 | 0.150 | 0.149 |
| S3 | 36.909 | 0.100 | 0.102 |
| S4 | 18.531 | 0.050 | 0.051 |
| S5 | 3.726 | 0.010 | 0.010 |
| S6 | 0.000 | 0.000 | -0.001 |

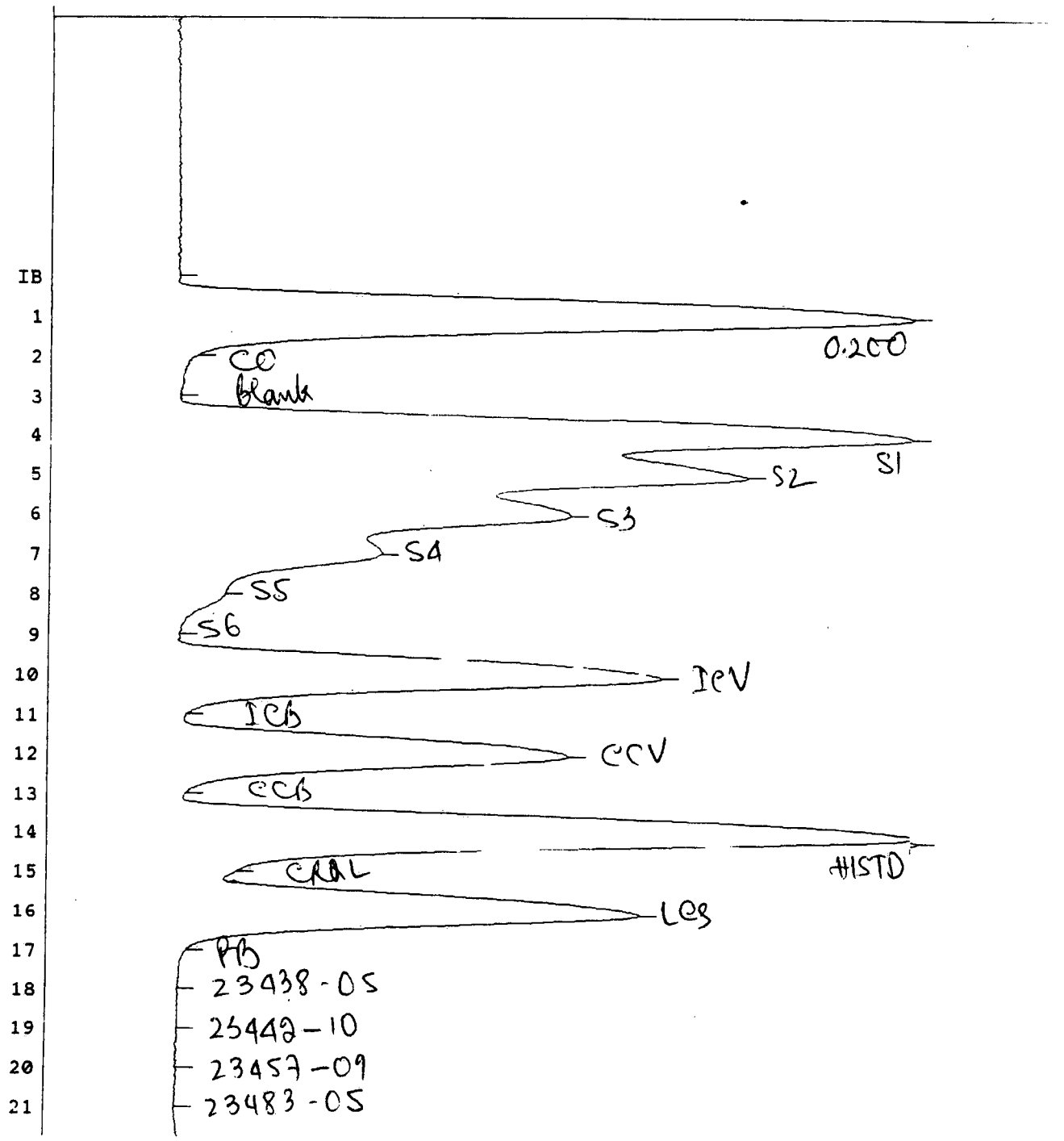
Coefficients:

| | |
|---|---|
| Intercept : | -0.000 |
| Slope : | 0.0027 |
| Std Dev : | 0.0011 |
| Corr Coef : | 0.9999 |
| R^2 : | 0.9999 |

4/12/1995 10:42



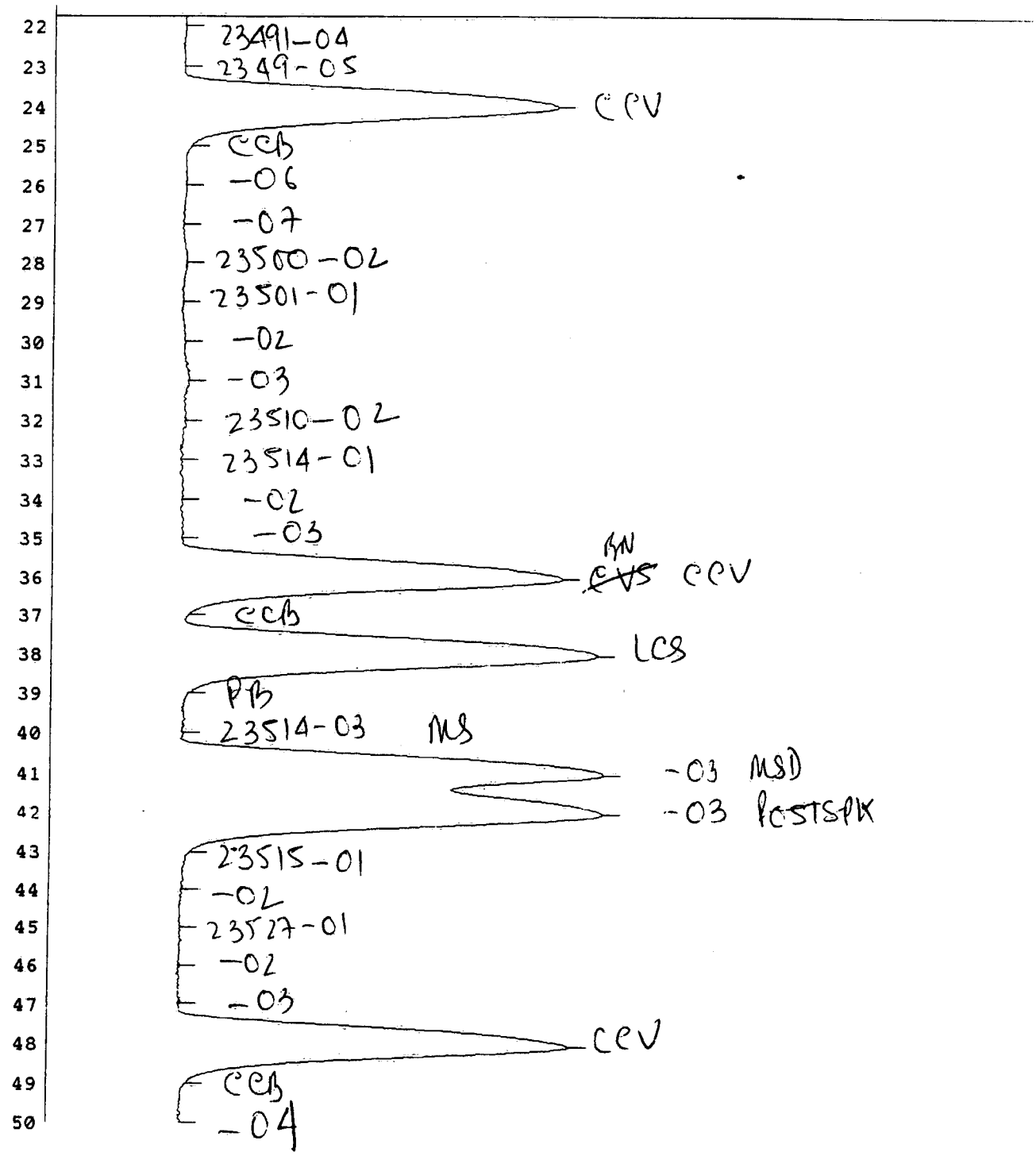
Data: 0412CN1W
Mthd: TCN
Samp: 0412CN1W



4/12/1995 10:42



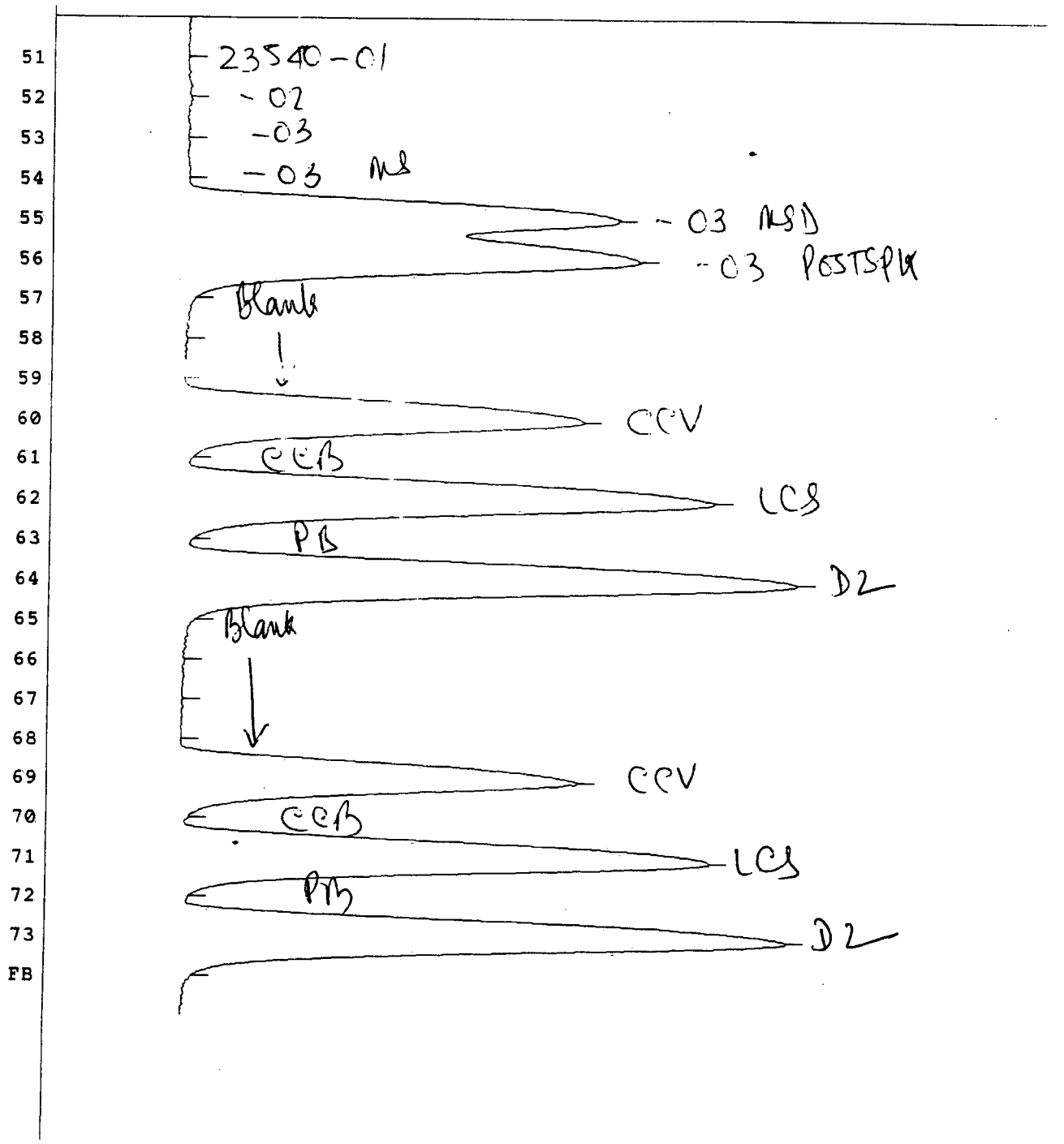
Data: 0412CN1W
Mthd: TCN
Samp: 0412CN1W



4/12/1995 10:42



Data: 0412CN1W
Mthd: TCN
Samp: 0412CN1W



6 DATE OF ANALYSIS: 4-14-95 (2)

ANALYST: BUDD HADEB Walk

ANALYTE: TCN (S)

# NYTEST LOG BOOK

File # 0414CN1S

METHOD NO.: 335.3 (M)

(EPA/STD METHOD)

Sources: (1) Stock Std: 1000 ppm; Soln. Plus lot# 950321; Prepn. dt: 4/14/95
(2) ICV: Spc lot#2-5CYN1 Concn. 0.250 mg/lit (ppm)
(3) LCS: ERA PT LOT# 218; Concn: 177 mg/kg (ppm)

| Date Rec'd | Client ID (Sample ID) | Log No. | Initial Vol./wt | Final Vol.f | pH | Dist. Date | Final Concn: (ppm) | % R % RPD |
|---|---|---|---|---|---|---|---|---|
| | 0.200 | | 50 | 50 | >12 | 4/14/95 | 0.198 | |
| | CO | | | | | | <0.01 | |
| | Blank | | | | | | | |
| | S1 | | | | | | 0.198 | |
| | S2 | | | | | | 0.150 | |
| | S3 | | | | | | 0.102 | |
| | S4 Corr. | 0.9998 | | | | | [illegible] | |
| | S5 Co-eff. | | | | | | 0.009 | |
| | S6 | | | | | | <0.01 | |
| | ICV | | | 100 | | | 0.248 | 99 |
| | ICB | | | 50 | | | <0.01 | |
| | CCV | | | | | | 0.097 | 97 |
| | CCB | | | | | | AN ~~<0.19~~ <0.01 | |
| | HISTD | | | | | | 0.190 | |
| | CRQL | | | | | | 0.008 | |
| | LCS | | 0.391 | 500 | | | 157 | 89 |
| | PB | | 50 | 50 | | | <0.01 | |
| 4/4/95 | WL1S | 23491 -01 | 0.999 | | | | <0.5 | |
| | WL2S | -02 | 1.097 | | | | | |
| | WL3S | -03 | 1.205 | | | | | |
| 4/6/95 | SB7 | 23514 -05 | 1.280 | | | | | |
| | SB8 | -06 | 0.998 | | | | | |
| | SB12 | -07 | 1.109 | | | | | |
| | CCV | | 50 | | | | 0.094 | 94 |
| | CCB | | | | | | <0.01 | |
| | SB17 | -08 | 1.075 | | | | <0.5 | |
| 4/6/95 | BBSS10 | 23515 -03 | 1.017 | | | | | |
| | BBSS10 MS | -04 | 1.000 | | | | | |

DATE OF ANALYSIS: 4-14-95 (2)
ANALYST: BUDDHADEB Nath
ANALYTE: TCN (5) Cont'd.

# INYTEST LOG BOOK

METHOD NO.:
(EPA/STD METHOD)

| Date Rec'd | Client ID (Sample ID) | Log No. | Initial Vol. (ml) | Final Vol. | pH | Dist. Date | Final Concn (ppm) | % R % RPD |
|---|---|---|---|---|---|---|---|---|
| 4/6/95 | BbSS10 (MSD) (4.92 mg) | 23515 -05 | 1.017 | 50 | >12 | 4/14/95 | 2.753 | 56 |
| | POSTSPK | | 50 | | | | 0.089 | 89 |
| | BbSS11 | -06 | 0.973 | | | | <0.5 ~~0.05~~ | |
| | BbSS12 | -07 | 1.141 | | | | 0.66 | |
| | BbSS13 | -08 | 1.048 | | | | 3.58 | |
| | BbSS14 | -09 | 1.056 | | | | — | Over R |
| | BbSS15 | -10 | 1.048 | | | | — | Carried over |
| | CCV | | 50 | | | | 0.096 | 96 |
| | CCB | | ↓ | ↓ | | | <0.01 | |
| | LCS | | 0.391 | 500 | | | 145 | 82 |
| | PB | | 50 | 50 | | | <0.01 | |
| | BbSS16 | -11 | 1.025 | | | | <0.5 | |
| | BbSS17 | -12 | 1.026 | | | | 1.41 | |
| | BbSS18 | -13 | 1.058 | | | | 2.69 | |
| | BbSS19 | -14 | 1.039 | | | | 6.30 | |
| | BbSS20 | -15 | 1.009 | | | | 3.22 | |
| | BbSS21 | -16 | 1.085 | | | | <0.5 | |
| | BbSS22 | -17 | 1.093 | | | | ↓ | |
| | Blank | | 50 | | | | <0.01 | |
| | CCV | | ↓ | | | | 0.087 | 87 |
| | CCB | | ↓ | ↓ | | | <0.01 | |
| 4/6/95 | BbSS14 | 23515 -09 | 1.056 | 500 | | | 60.6 | |
| | BbSS15 | -10 | 1.048 | 50 | | | 6.39 | |
| | Blank | | 50 | | | | <0.01 | |
| | ↓ | | ↓ | ↓ | ↓ | ↓ | ↓ | |

8 DATE OF ANALYSIS: 4-14-95 (2)
ANALYST: B. Nath
ANALYTE: TCN (S) Cont'd.

# NYTEST LOG BOOK

METHOD NO.:
(EPA/STD METHOD)

| Date Rec'd | Client ID (Sample ID) | Log No. | Initial Vol/wt | Final Vol. | pH>12 | Dist. Date | Final Concn (ppm) | % R % RPD |
|---|---|---|---|---|---|---|---|---|
| | CCV | | 50 | 50 | >12 | 4/14/95 | 0.086 | 86 |
| | CCB | | ↓ | ↓ | ↓ | ↓ | <0.01 | |
| | LCS | | 0.391 | 500 | ↓ | ↓ | 136 | 77 |
| | PB | | 50 | 50 | ↓ | ↓ | <0.01 | |
| | D2 | | ↓ | ↓ | ↓ | ↓ | 0.150 | |

Nath

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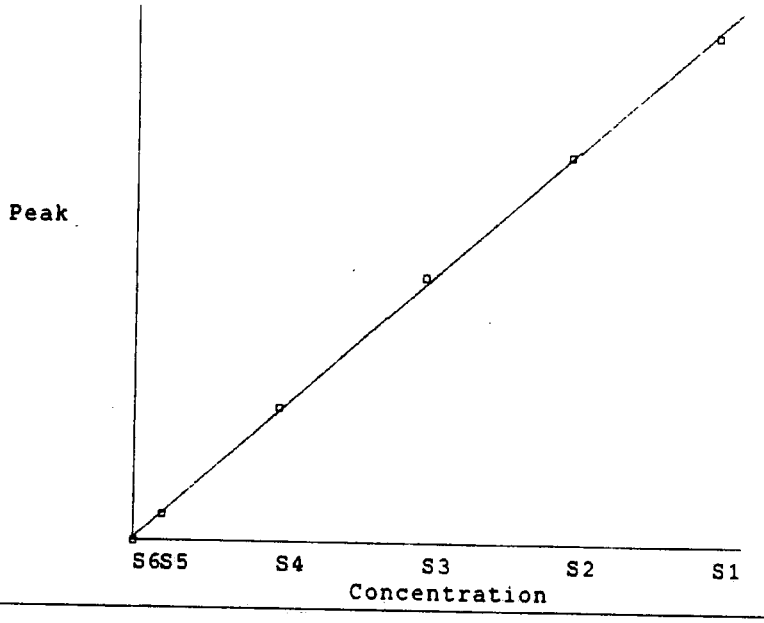
Data File: 0414CN1S
Method File: TCN
Sample Table File: 0414CN..

Standard Set #1.




| | S# | Peak | Value | Calc |
|---|---|---|---|---|
| 116 | | | | |
| 4 | S1 | 78.544 | 0.200 | 0.198 |
| 3279 | S2 | 59.580 | 0.1~0 | 0.150 |
| 11 | S3 | 40.794 | 0.100 | 0.102 |
| 22 | S4 | 20.524 | 0.050 | 0.051 |
| | S5 | 4.018 | 0.010 | 0.009 |
| | S6 | 0.000 | 0.000 | -0.001 |

Coefficients:

| | |
|---|---|
| Intercept : | -0.001 |
| Slope : | 0.0025 |
| Std Dev : | 0.0017 |
| Corr Coef : | 0.9998 |
| R^2 : | 0.9996 |

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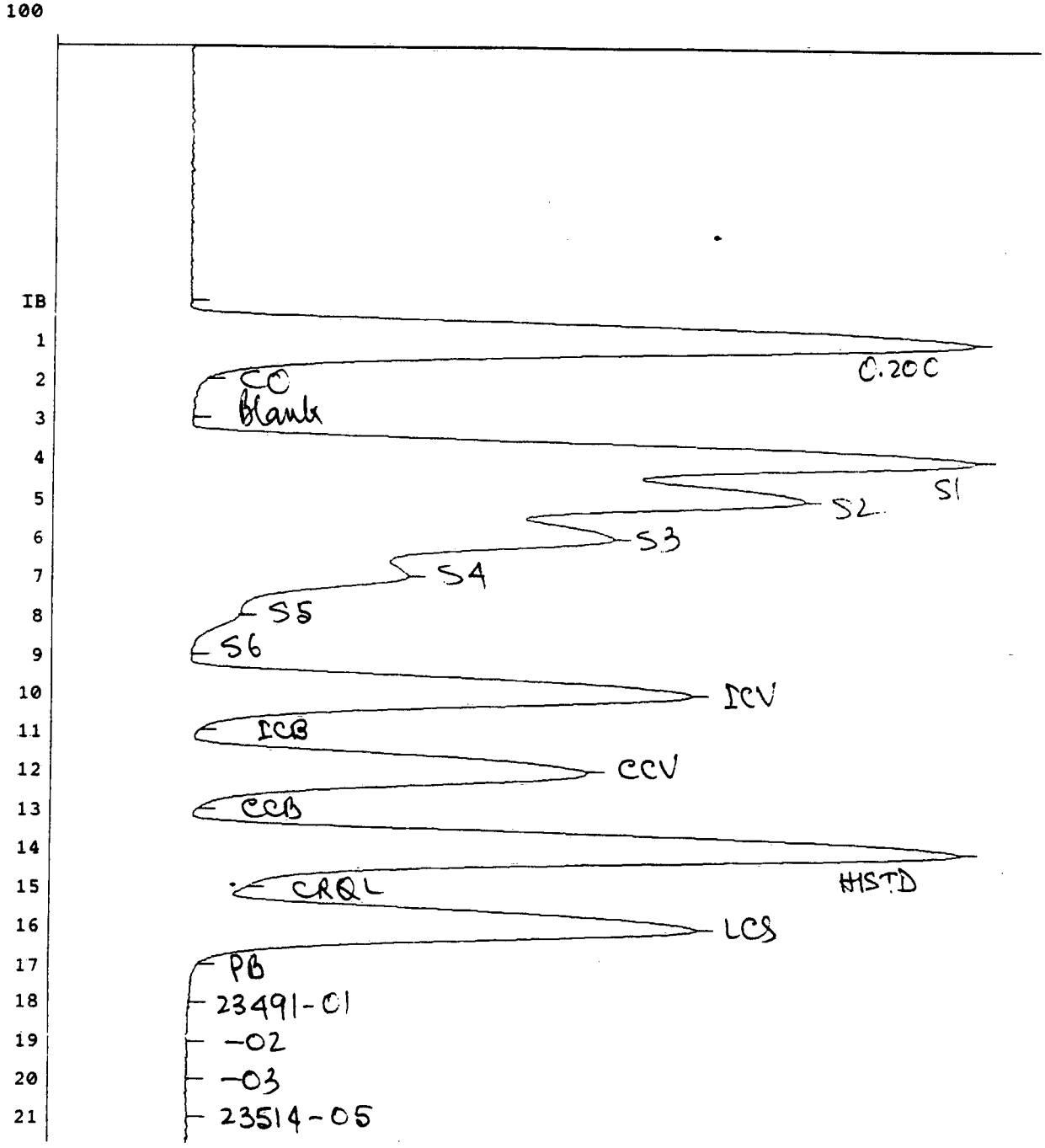
Data: 0414CN1S
Mthd: TCN
Samp: 0414CN1S



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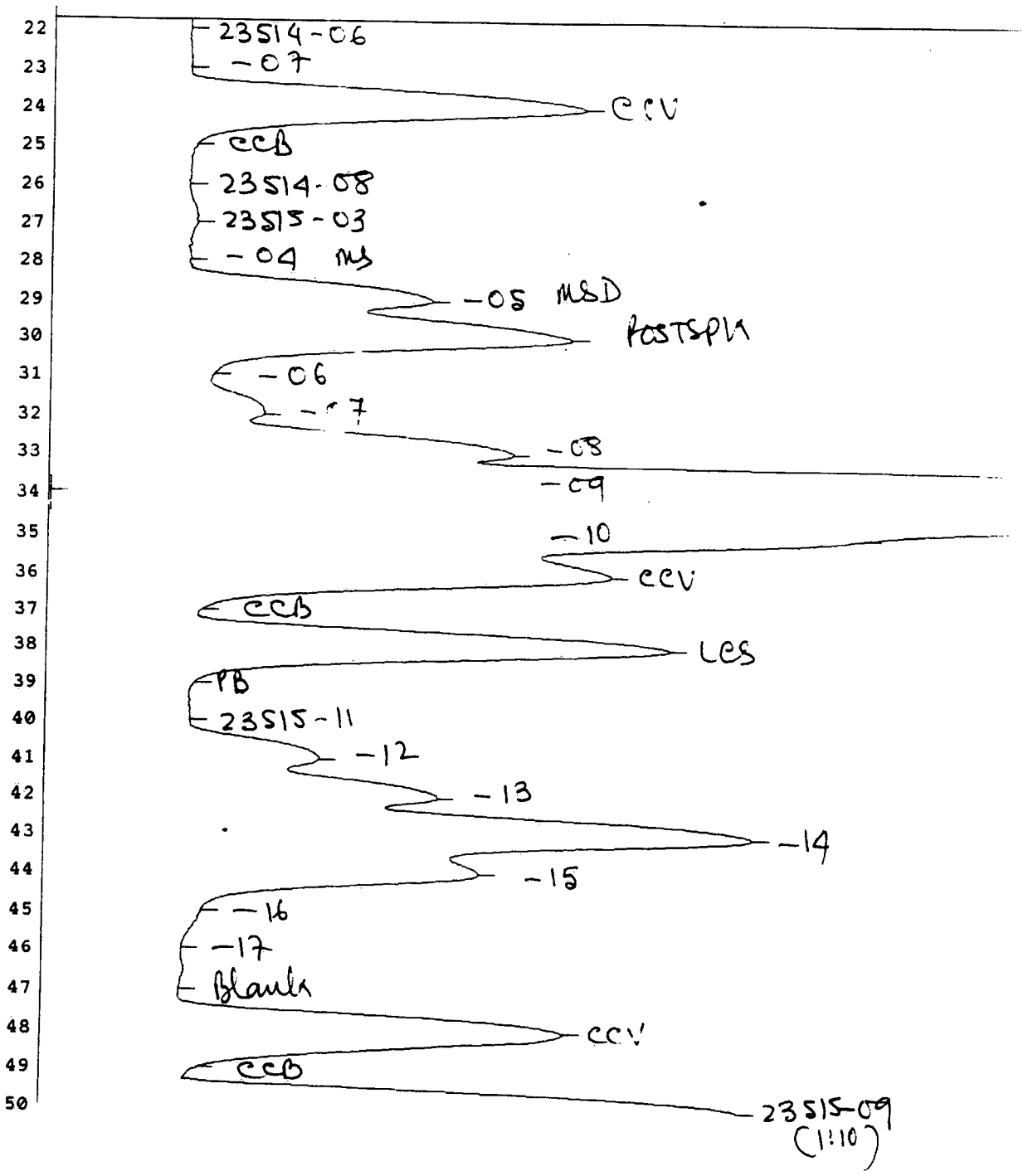


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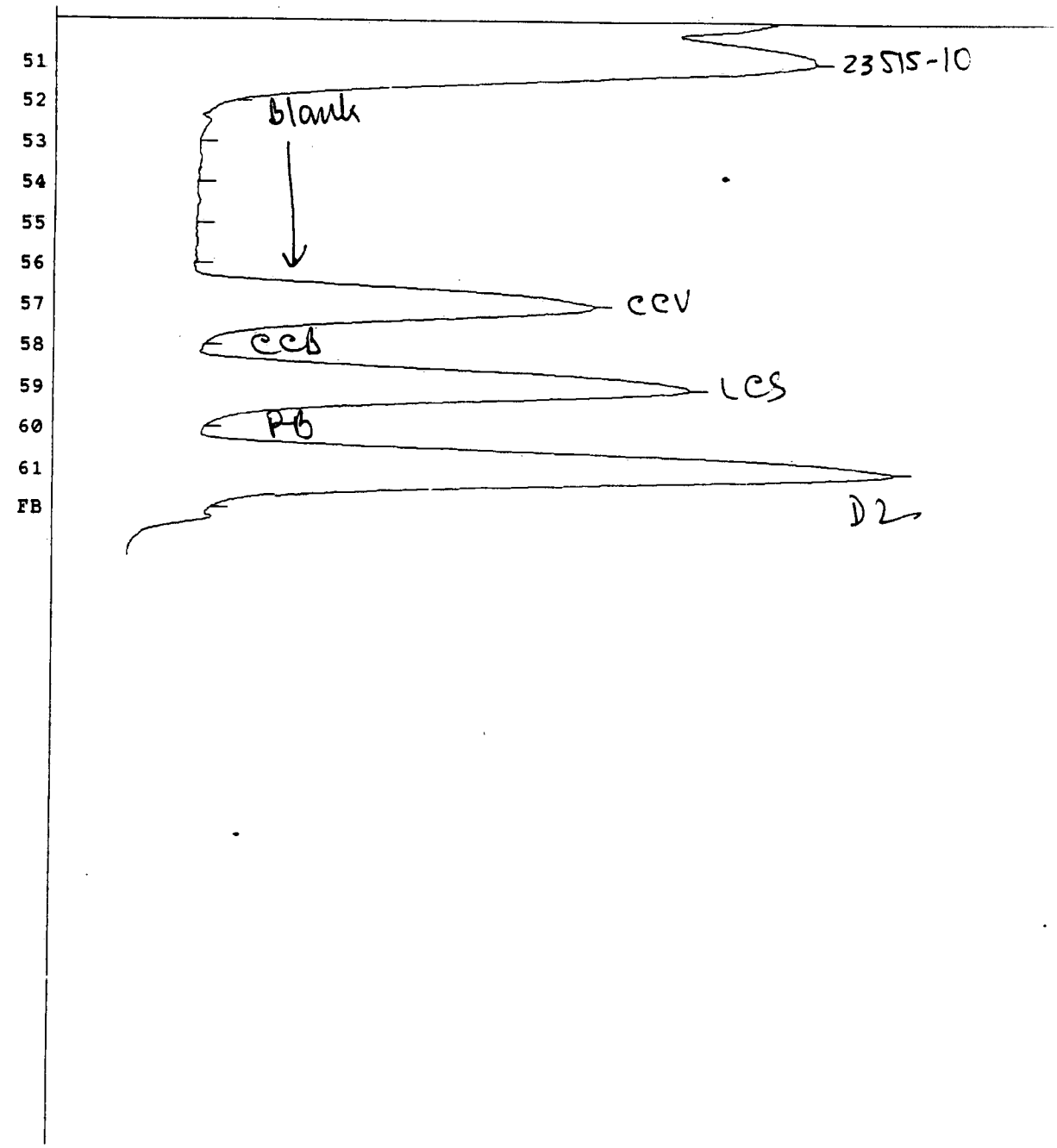
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