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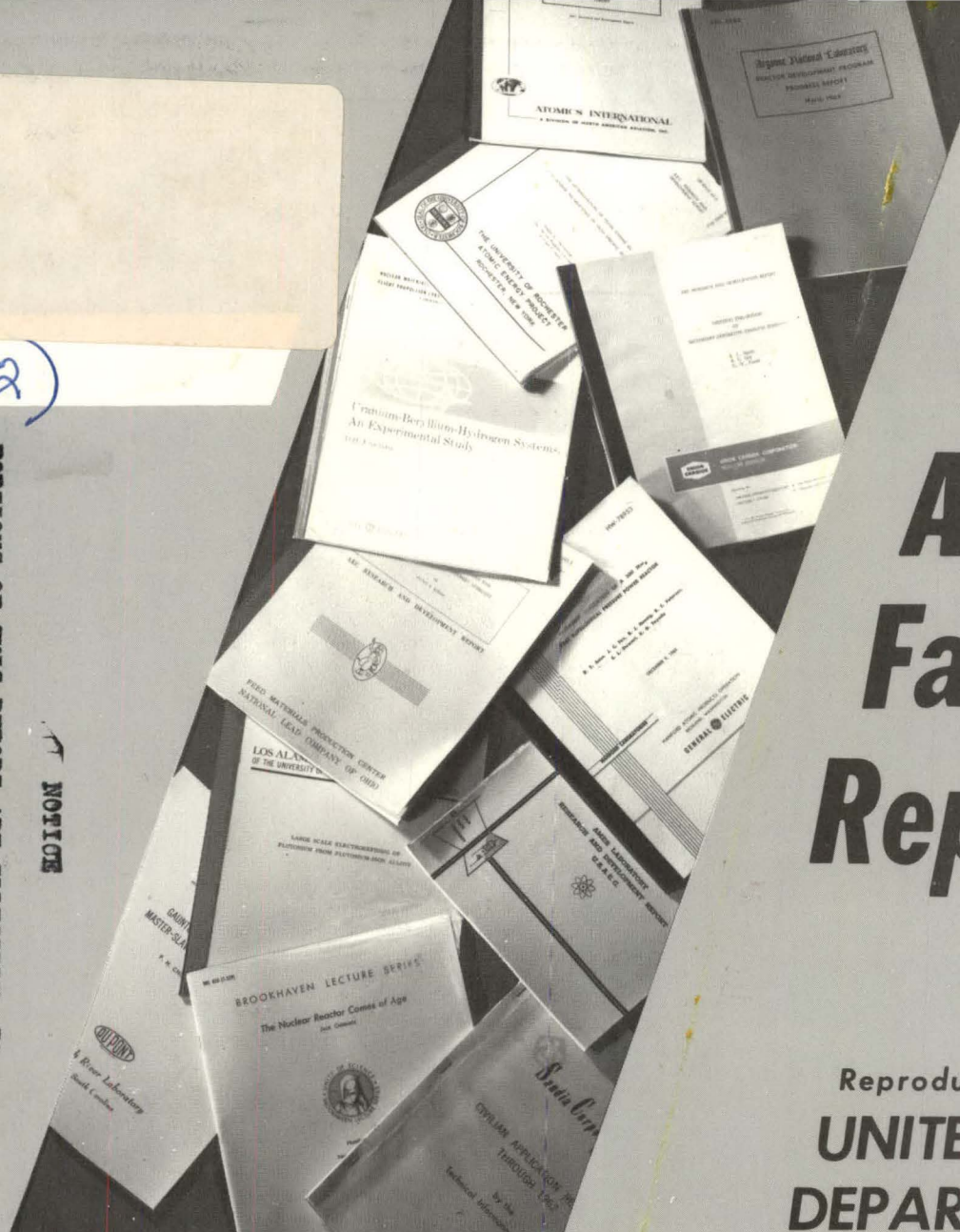
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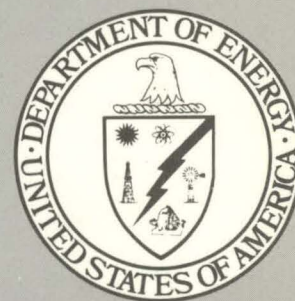
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National Uranium Resource Evaluation

**URANIUM HYDROGEOCHEMICAL AND
STREAM-SEDIMENT RECONNAISSANCE OF THE
CHANDLER LAKE NTMS QUADRANGLE, ALASKA**

Data Compiled by

Bendix Field Engineering Corporation
Grand Junction, Colorado

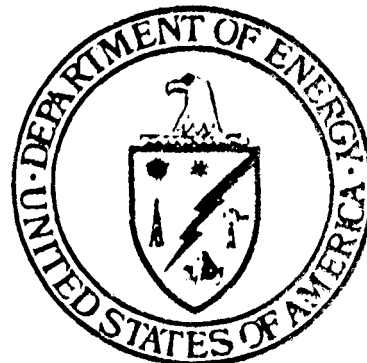
Data Collection and Chemical Analysis by

Los Alamos National Laboratory
Los Alamos, New Mexico

March 1982

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PREPARED FOR THE U.S. DEPARTMENT OF ENERGY
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Grand Junction Area Office, Colorado

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This report is a result of work performed by Bendix Field Engineering Corporation, Operating Contractor for the U.S. Department of Energy, as part of the National Uranium Resource Evaluation. NURE is a program of the U.S. Department of Energy's Grand Junction, Colorado, Office to acquire and compile geologic and other information with which to assess the magnitude and distribution of uranium resources and to determine areas favorable for the occurrence of uranium in the United States.

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URANIUM HYDROGEOCHEMICAL AND STREAM SEDIMENT RECONNAISSANCE
OF THE
CHANDLER LAKE NIMS QUADRANGLE, ALASKA

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CONTENTS

| | Page |
|---|------|
| Introduction | 3 |
| Results | 4 |
| Multivariate Statistical Analyses | 13 |
| References | 37 |
| Appendix A. Stream Sediment Data | 38 |
| Appendix B. Lake Sediment Data | 73 |

ILLUSTRATIONS

| | |
|---|-----------|
| Figure 1. Uranium versus Thorium, Stream Sediments | 7 |
| Figure 2. Uranium versus Thorium, Lake Sediments | 9 |
| Figure 3. Vanadium (ppm) in Stream Sediments | 9 |
| Figure 4. Copper (ppm) in Stream Sediments | 10 |
| Figure 5. Vanadium (ppm) in Lake Sediments | 11 |
| Figure 6. Copper (ppm) in Lake Sediments | 12 |
| Figure 7. Stream Sediment Factor Score 1 | 29 |
| Figure 8. Stream Sediment Factor Score 2 | 30 |
| Figure 9. Stream Sediment Factor Score 3 | 31 |
| Figure 10. Stream Sediment Residuals | 32 |
| Figure 11. Lake Sediment Factor Score 1 | 33 |
| Figure 12. Lake Sediment Factor Score 2 | 34 |
| Figure 13. Lake Sediment Factor Score 3 | 35 |
| Figure 14. Lake Sediment Residuals | 36 |
| Table 1. Population Statistics for Stream Sediment Data | 5 |
| Table 2. Population Statistics for Lake Sediment Data | 6 |
| Table 3. Stream Sediment Data Before Editing | 14 |
| Table 4. Stream Sediment Data After Editing | 15 |
| Table 5. Lake Sediment Data Before Editing | 16 |
| Table 6. Lake Sediment Data After Editing | 17 |
| Table 7. R-mode Factor Analysis of Stream Sediment Data | 18 |
| Table 8. R-mode Factor Analysis of Lake Sediment Data | 20 |
| Table 9. Regression Analysis Results, Stream Sediment | 22 |
| Table 10. Regression Analysis Results, Lake Sediment | 27 |
| Plate 1. Uranium (ppm) in Stream Sediments | in pocket |
| Plate 2. Uranium (ppm) in Lake Sediments | in pocket |
| Plate 3. Thorium (ppm) in Stream Sediments | in pocket |
| Plate 4. Thorium (ppm) in Lake Sediments | in pocket |
| Plate 5. Thorium/Uranium in Stream Sediments | in pocket |
| Plate 6. Thorium/Uranium in Lake Sediments | in pocket |
| Plate 7. Stream Sediment Sample Locations | in pocket |
| Plate 8. Lake Sediment Sample Locations | in pocket |

INTRODUCTION

This report presents results of a Hydrogeochemical and Stream Sediment Reconnaissance (HSSR) of the Chandler Lake NTMS quadrangle, Alaska. In addition to this abbreviated data release, more complete data are available to the public in machine-readable form. These machine-readable data, as well as quarterly or semiannual program progress reports containing further information on the HSSR program in general, or on the Los Alamos National Laboratory (LANL) portion of the program in particular, are available from DOE's Technical Library at its Grand Junction Area Office. Inquiries should be directed to:

Technical Library
Bendix Field Engineering Corporation
P.O. Box 1569
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Presented in this data release are location data, field analyses, and laboratory analyses of several different sample media. For the sake of brevity, many field site observations have not been included in this volume; these data are, however, available on the magnetic tape. Appendices A and B describe the sample media and summarize the analytical results for each medium. The data have been subdivided by one of the Los Alamos National Laboratory sorting programs of Zinkl and others (1981a) into groups of stream-sediment and lake-sediment samples. For each group which contains a sufficient number of observations, statistical tables, tables of raw data, and 1:1,000,000 scale maps of pertinent elements have been included in this report. Also included are maps showing results of multivariate statistical analyses.

The Chandler Lake NTMS quadrangle hydrogeochemical reconnaissance was performed by the Los Alamos National Laboratory, under contract to the Grand Junction Area Office of the United States Department of Energy (DOE), as part of the National Uranium Resource Evaluation (NURE) program. Los Alamos National Laboratory was responsible for conducting the HSSR program in the states of New Mexico, Colorado, Wyoming, Montana, and Alaska. This data release was prepared by Bendix Field Engineering Corporation in order to make the data available to members of the public wishing to use the information but having no access to computing facilities.

Information on the field and analytical procedures used by the Los Alamos National Laboratory during sample collection and analysis may be found in any HSSR data release prepared by the Laboratory (see, for example, Planner and others, 1981) and will not be included in this report.

RESULTS

Population statistics for stream sediments are given in Table 1 and for lake sediments in Table 2. These tables contain statistics such as mean, standard deviation, skewness, and kurtosis for two different populations: the total population and a population consisting of only those analyses that are above the detection limit (ADL) for each element. In addition, data are provided for each variable for the total number of samples possessing analyses, the number of analyses above the detection limit (NADL), the number of analyses below the detection limit (NBDL), and the number of missing analyses (MISS). Also tabulated for each variable are the maximum value, the minimum value considered above detection limit, and the maximum detection limit. Variable detection limits account for the fact that the maximum value of the detection limit is occasionally greater than the minimum value considered above the detection limit.

Maps of elemental concentrations, ratios, factor scores, and residuals were prepared by a computer program which represents data values in their correct latitude-longitude positions by symbols which vary in size and intensity in proportion to the value being plotted (Zinkl and others, 1981b). Maps of uranium concentrations in stream sediment and lake sediment are presented as Plates 1 and 2, respectively. Thorium concentrations in stream and lake sediment samples and thorium-to-uranium ratios of stream and lake sediment samples are plotted in Plates 3, 4, 5, and 6. Locations of stream sediment and lake sediment samples are shown in Plates 7 and 8.

In addition to the full-sized plates, several page-sized maps and figures are included to assist in interpretation of the data. Scatter plots of uranium versus thorium in stream sediments and lake sediments are shown in Figures 1 and 2. These plots may be used to identify groups of samples which differ significantly from normal crustal Th/U ratios. Deviations from normal ratios may indicate areas showing uranium enrichment or depletion.

When multielement data are provided by LANL, maps of elements considered useful in uranium exploration are included in the data release. Figures 3, 4, 5, and 6 show vanadium in stream sediments, copper in stream sediments, vanadium in lake sediments, and copper in lake sediments, respectively.

Chemical analysis and field data for water samples from this quadrangle were open filed by the DOE Grand Junction Area Office as GJBX-155(81).

COMPLER LAKE STREAM SEDIMENT

Table 1. Population Statistics for Stream Sediment Data

| VAR | FOR TOTAL ANALYSES | | | | FOR ABOVE DETECTION LIMIT ANALYSES | | | | PERCENT | MINIMUM | MAXIMUM | DET. LVL. | | | |
|-------|--------------------|--------|--------|------|------------------------------------|-----------|----------|----------|----------|----------|---------|-----------|-----------|-----------|----------|
| | TOTAL | NO. OF | NO. OF | MISS | MEAN | STD. DEV. | SKEWNESS | KURTOSIS | | | | | MEAN | STD. DEV. | SKEWNESS |
| 1 BH | 410 | 410 | 0 | 1 | 7.02 | .82 | -.01 | 2.10 | 7.02 | .81 | -.01 | 2.10 | 0.20 | 4.00 | 99999.00 |
| 2 HI | 417 | 417 | 0 | 3 | 35.51 | 50.55 | 2.43 | 9.95 | 35.51 | 50.55 | 2.43 | 9.95 | 325.00 | 1.00 | 99999.00 |
| 3 HR | 305 | 305 | 0 | 115 | 5.76 | 3.20 | .65 | 3.23 | 5.76 | 3.20 | .65 | 3.23 | 14.00 | 1.00 | 99999.00 |
| 4 U | 420 | 420 | 0 | 0 | 2.59 | .51 | -1.23 | 6.77 | 2.59 | .51 | -1.23 | 6.77 | 3.87 | .21 | 99999.00 |
| 5 AG | 404 | 1 | 405 | 14 | 2.51 | .22 | 20.07 | 404.00 | 7.00 | 0.00 | 0.00 | 0.00 | 7.00 | 7.00 | 5.00 |
| 6 RI | 406 | 2 | 404 | 14 | 2.51 | .18 | 14.14 | 201.00 | 9.00 | 0.00 | 0.00 | 0.00 | 5.00 | 5.00 | 5.00 |
| 7 ED | 406 | 4 | 402 | 14 | 2.56 | .71 | 12.41 | 163.85 | 9.00 | 3.16 | 0.00 | 1.36 | 13.00 | 5.00 | 5.00 |
| 8 CH | 406 | 398 | 8 | 14 | 30.10 | 12.85 | .74 | 3.80 | 30.61 | 12.87 | .87 | 3.88 | 85.00 | 10.00 | 10.00 |
| 9 NP | 406 | 0 | 406 | 14 | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.00 | 10.00 | 10.00 |
| 10 HI | 406 | 401 | 5 | 14 | 43.20 | 16.43 | .71 | 3.52 | 43.64 | 16.04 | .82 | 3.53 | 110.00 | 16.00 | 15.00 |
| 11 PA | 406 | 196 | 210 | 14 | 4.82 | 2.80 | .93 | 2.94 | 7.31 | 2.08 | .92 | 3.38 | 14.00 | 5.00 | 5.00 |
| 12 SN | 406 | 9 | 397 | 14 | 5.20 | 1.52 | 8.79 | 88.73 | 14.22 | 4.57 | .96 | 2.74 | 24.00 | 10.00 | 10.00 |
| 13 W | 406 | 14 | 392 | 14 | 7.98 | 2.88 | 7.24 | 61.40 | 21.43 | 7.33 | 1.11 | 2.96 | 38.00 | 15.00 | 15.00 |
| 14 AS | 406 | 403 | 3 | 14 | 17.21 | 15.30 | 9.08 | 36.46 | 17.32 | 15.30 | 9.70 | 31.55 | 163.00 | 5.00 | 5.00 |
| 15 SE | 406 | 0 | 406 | 14 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 2.50 | 5.00 |
| 16 RP | 406 | 406 | 0 | 14 | 166.30 | 59.57 | 1.66 | 11.31 | 166.30 | 59.57 | 1.66 | 11.31 | 584.00 | 70.00 | 99999.00 |
| 17 PD | 0 | 0 | 0 | 420 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 99999.00 |
| 18 RE | 0 | 0 | 0 | 420 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 99999.00 |
| 19 LI | 0 | 0 | 0 | 420 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 99999.00 |
| 20 AI | 420 | 418 | 2 | 0 | 5385.84 | 14158.35 | -.51 | 3.50 | 54067.98 | 13842.59 | -.42 | 3.27 | 86300.00 | 7720.00 | 33390.00 |
| 21 AU | 420 | 4 | 416 | 0 | .05 | .09 | 10.73 | 126.90 | .72 | .49 | -.16 | 1.33 | 1.24 | .06 | .30 |
| 22 PA | 420 | 377 | 43 | 0 | 722.42 | 500.71 | 5.70 | 53.69 | 753.09 | 491.41 | 6.50 | 67.34 | 6368.00 | 276.00 | 324.00 |
| 23 CA | 420 | 203 | 217 | 0 | 8441.28 | 19274.71 | 4.95 | 34.70 | 16437.75 | 25957.31 | 3.53 | 18.75 | 201000.00 | 1000.00 | 1704.00 |
| 24 EA | 420 | 405 | 15 | 0 | 55.10 | 15.01 | -.64 | 4.97 | 56.55 | 12.42 | .18 | 3.47 | 107.00 | 20.00 | 20.00 |
| 25 CL | 420 | 14 | 406 | 0 | 71.82 | 91.38 | 7.11 | 71.97 | 223.93 | 122.94 | .75 | 2.21 | 449.00 | 16.00 | 114.00 |
| 26 CO | 420 | 418 | 2 | 0 | 21.78 | 24.20 | 6.34 | 51.91 | 21.83 | 24.25 | 6.33 | 51.71 | 282.00 | 3.00 | 72.70 |
| 27 CP | 420 | 409 | 11 | 0 | 142.39 | 88.07 | 3.27 | 21.14 | 145.48 | 87.01 | 3.45 | 22.17 | 904.00 | 26.00 | 27.00 |
| 28 CS | 420 | 276 | 144 | 0 | 3.12 | 1.74 | 1.52 | 13.18 | 3.99 | 1.08 | .36 | 2.57 | 7.00 | 1.00 | 2.10 |
| 29 DY | 420 | 390 | 30 | 0 | 4.98 | 1.68 | 4.17 | 51.45 | 5.04 | 1.00 | .27 | 3.95 | 9.00 | 2.00 | 3.00 |
| 30 EU | 420 | 399 | 21 | 0 | 1.19 | .37 | 2.60 | 28.29 | 1.22 | .78 | 1.53 | 10.95 | 3.10 | .30 | .90 |
| 31 FE | 420 | 416 | 4 | 0 | 43303.45 | 27388.69 | 3.98 | 23.61 | 43771.71 | 27237.34 | 4.08 | 24.09 | 259600.00 | 14480.00 | 113.00 |
| 32 HF | 420 | 387 | 33 | 0 | 6.02 | 2.72 | 1.53 | 9.17 | 6.36 | 2.43 | 2.31 | 17.35 | 27.00 | 1.50 | 3.40 |
| 33 Y | 419 | 351 | 68 | 1 | 11499.99 | 5071.79 | .69 | 5.20 | 12376.74 | 3823.14 | .60 | 3.04 | 24410.00 | 4884.00 | 5578.00 |
| 34 LA | 420 | 376 | 44 | 0 | 26.19 | 8.60 | 1.36 | 24.31 | 27.98 | 4.69 | .26 | 3.84 | 47.00 | 12.00 | 14.00 |
| 35 LU | 420 | 354 | 66 | 0 | .31 | .13 | 1.62 | 20.87 | .35 | .08 | .27 | 3.45 | .60 | .70 | .70 |
| 36 MG | 420 | 369 | 51 | 0 | 7545.89 | 5010.09 | 1.83 | 9.45 | 8107.13 | 4856.40 | 2.05 | 10.69 | 39640.00 | 2300.00 | 4975.00 |
| 37 PN | 420 | 420 | 0 | 0 | 1390.38 | 3813.25 | 10.64 | 146.94 | 1390.38 | 3813.25 | 10.64 | 146.94 | 60420.00 | 77.00 | 99999.00 |
| 38 NA | 420 | 420 | 0 | 0 | 7413.72 | 3294.63 | .42 | 2.89 | 7413.72 | 3294.63 | .42 | 2.89 | 19610.00 | 222.00 | 99999.00 |
| 39 KR | 420 | 39 | 331 | 0 | 37.40 | 34.60 | 6.01 | 69.49 | 77.51 | 22.38 | .74 | 3.60 | 147.00 | 37.00 | 47.00 |
| 40 SR | 420 | 2 | 418 | 0 | 1.25 | 1.19 | 13.03 | 215.08 | 2.00 | 6.00 | 0.00 | 0.00 | 2.00 | 2.00 | 3.00 |
| 41 CC | 420 | 420 | 0 | 0 | 12.03 | 3.41 | .06 | 3.12 | 12.03 | 3.41 | .06 | 3.12 | 21.70 | 1.00 | 99999.00 |
| 42 SM | 420 | 400 | 20 | 0 | 3.81 | 1.11 | -.01 | 5.87 | 3.91 | .93 | .19 | 3.51 | 6.90 | 1.30 | 2.00 |
| 43 SA | 405 | 0 | 405 | 15 | 145.71 | 67.97 | 7.31 | 9.89 | 0.00 | 0.00 | 0.00 | 0.00 | 145.71 | 145.71 | 748.00 |
| 44 TA | 420 | 0 | 420 | 0 | 1.08 | 1.23 | 13.70 | 222.43 | 0.00 | 0.00 | 0.00 | 0.00 | 1.08 | 1.08 | 2.00 |
| 45 TR | 409 | 9 | 400 | 11 | .56 | .47 | 14.91 | 251.47 | 1.11 | .31 | 2.47 | 7.13 | 2.00 | 1.00 | 1.60 |
| 46 TH | 420 | 407 | 13 | 0 | 7.20 | 1.98 | -.47 | 4.70 | 7.41 | 2.62 | .12 | 3.27 | 12.90 | 3.70 | 2.30 |
| 47 TI | 383 | 383 | 0 | 37 | 4305.65 | 1979.74 | -.70 | 3.68 | 4305.65 | 1979.74 | -.70 | 3.68 | 7015.00 | 1738.00 | 99999.00 |
| 48 V | 420 | 405 | 15 | 0 | 125.73 | 38.12 | -.11 | 3.37 | 128.75 | 38.03 | .27 | 3.06 | 241.00 | 26.00 | 29.00 |
| 49 YR | 420 | 283 | 137 | 0 | 3.32 | 1.80 | 3.63 | 47.44 | 4.09 | .89 | .20 | 2.86 | 6.59 | 1.90 | 2.30 |
| 50 ZH | 420 | 179 | 241 | 0 | 87.63 | 84.14 | 7.20 | 11.73 | 155.38 | 72.62 | 1.69 | 8.46 | 541.00 | 46.00 | 90.00 |
| 51 JU | 402 | 402 | 0 | 18 | 2.87 | .47 | -.14 | 3.57 | 2.82 | .47 | -.14 | 3.57 | 4.24 | 1.33 | 99999.00 |

NUMBER OF SAMPLES = 420

Table 2. Population Statistics for Lake Sediment Data

| VAR | FOR TOTAL ANALYSES | | | | FOR ABOVE DETECTION LIMIT ANALYSES | | | | MAXIMUM | MINIMUM | DEF. LTP. | | | | |
|-------|--------------------|------|------|------|------------------------------------|-----------|----------|----------|----------|----------|-----------|-------|-----------|----------|----------|
| | TOTAL | NADE | NRDI | MISS | MEAN | STD. DEV. | SKEWNESS | KURTOSIS | | | | MEAN | STD. DEV. | SKEWNESS | KURTOSIS |
| 1 PH | 191 | 191 | 0 | 2 | 6.67 | .76 | .16 | 2.69 | 6.67 | .76 | .16 | 2.69 | 8.40 | 4.00 | 00000.00 |
| 2 MH | 193 | 193 | 0 | 0 | 49.94 | 102.52 | 6.16 | 57.39 | 49.96 | 102.52 | 6.16 | 57.39 | 1030.00 | 1.00 | 00000.00 |
| 3 UP | 0 | 0 | 0 | 193 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00000.00 |
| 4 U | 193 | 193 | 0 | 0 | 1.85 | .85 | .32 | 3.87 | 1.85 | .85 | .32 | 3.87 | 5.69 | .16 | 00000.00 |
| 5 AG | 191 | 0 | 191 | 2 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 2.50 | 5.00 |
| 6 AT | 191 | 0 | 191 | 2 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 2.50 | 5.00 |
| 7 CG | 191 | 5 | 186 | 2 | 2.60 | .65 | 6.69 | 48.11 | 6.40 | 1.20 | -.11 | 1.40 | 8.00 | 5.00 | 5.00 |
| 8 CU | 191 | 187 | 4 | 2 | 26.14 | 9.78 | .69 | 3.57 | 26.61 | 9.39 | .90 | 3.57 | 60.00 | 10.00 | 10.00 |
| 9 NR | 191 | 0 | 191 | 2 | 10.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 10.00 | 10.00 | 20.00 |
| 10 NJ | 191 | 167 | 24 | 2 | 26.08 | 11.19 | .46 | 3.46 | 26.75 | 9.28 | 1.19 | 4.15 | 59.00 | 15.00 | 15.00 |
| 11 PF | 191 | 49 | 142 | 2 | 3.75 | 2.45 | 2.21 | 8.47 | 7.37 | 2.40 | 1.63 | 7.03 | 17.00 | 5.00 | 5.00 |
| 12 SM | 191 | 1 | 190 | 2 | 5.04 | .59 | 13.71 | 189.01 | 13.00 | 0.00 | 0.00 | 0.00 | 13.00 | 13.00 | 30.00 |
| 13 W | 191 | 1 | 190 | 2 | 7.65 | 2.06 | 13.71 | 189.01 | 36.00 | 0.00 | 0.00 | 0.00 | 36.00 | 36.00 | 15.00 |
| 14 AS | 191 | 128 | 33 | 2 | 10.47 | 17.77 | 9.61 | 112.40 | 12.14 | 19.12 | 9.07 | 92.11 | 225.00 | 5.00 | 5.00 |
| 15 SE | 191 | 0 | 191 | 2 | 2.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.50 | 2.50 | 5.00 |
| 16 ZR | 191 | 191 | 0 | 2 | 95.33 | 59.03 | .89 | 3.54 | 95.33 | 59.03 | .89 | 3.54 | 340.00 | 21.00 | 00000.00 |
| 17 MD | 0 | 0 | 0 | 193 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00000.00 |
| 18 BE | 0 | 0 | 0 | 193 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00000.00 |
| 19 TI | 0 | 0 | 0 | 193 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 00000.00 |
| 20 AL | 193 | 192 | 1 | 0 | 31145.70 | 15527.45 | .21 | 2.21 | 31296.05 | 15427.08 | .22 | 2.22 | 69440.00 | 5195.00 | 4557.00 |
| 21 AH | 193 | 73 | 170 | 0 | .12 | .24 | 4.52 | 25.08 | .60 | .46 | 1.00 | 3.07 | 1.73 | .16 | .04 |
| 22 RA | 193 | 105 | 88 | 0 | 361.98 | 214.70 | 1.00 | 4.15 | 312.52 | 178.25 | 1.17 | 5.84 | 1312.00 | 160.00 | 335.00 |
| 23 CA | 193 | 76 | 117 | 0 | 6886.68 | 25363.28 | 11.98 | 155.43 | 16017.64 | 38674.96 | 7.90 | 55.31 | 340600.00 | 1432.00 | 1773.00 |
| 24 CE | 193 | 114 | 79 | 0 | 29.16 | 19.91 | .22 | 1.82 | 43.74 | 11.94 | .37 | 2.95 | 77.00 | 17.00 | 21.00 |
| 25 EL | 193 | 19 | 125 | 0 | 131.86 | 132.33 | 1.52 | 4.56 | 280.34 | 172.99 | .59 | 3.21 | 667.00 | 65.00 | 90.00 |
| 26 EP | 193 | 175 | 18 | 0 | 9.81 | 6.94 | 4.07 | 33.09 | 10.67 | 6.72 | 4.77 | 59.93 | 70.70 | 7.00 | 1.50 |
| 27 ER | 193 | 131 | 62 | 0 | 53.00 | 34.17 | .31 | 2.56 | 71.86 | 24.48 | .63 | 4.80 | 177.00 | 19.00 | 27.00 |
| 28 ES | 193 | 29 | 154 | 0 | 1.97 | 1.07 | 1.32 | 5.27 | 3.35 | 1.08 | 1.18 | 3.66 | 6.10 | 1.90 | 3.70 |
| 29 ET | 193 | 131 | 62 | 0 | 3.40 | 1.56 | .07 | 2.03 | 4.21 | 1.14 | -.14 | 3.22 | 7.00 | 1.00 | 4.00 |
| 30 EU | 193 | 98 | 95 | 0 | .70 | .39 | .57 | 2.78 | 1.00 | .79 | .70 | 3.33 | 1.90 | .50 | .90 |
| 31 FS | 193 | 162 | 11 | 0 | 23191.71 | 20031.27 | 4.06 | 26.60 | 24582.27 | 19788.05 | 4.35 | 28.25 | 171600.00 | 1699.00 | 2445.00 |
| 32 HF | 193 | 89 | 104 | 0 | 3.26 | 2.38 | .90 | 3.09 | 5.39 | 1.88 | .56 | 3.89 | 12.40 | 1.90 | 3.00 |
| 33 K | 193 | 93 | 100 | 0 | 5721.22 | 3837.88 | .65 | 2.54 | 9138.15 | 2531.27 | 1.00 | 4.03 | 1790.00 | 5078.00 | 4647.00 |
| 34 LA | 193 | 97 | 106 | 0 | 15.28 | 9.02 | .34 | 1.91 | 23.72 | 5.25 | .17 | 2.99 | 39.00 | 19.00 | 13.00 |
| 35 LU | 193 | 73 | 120 | 0 | .19 | .10 | .53 | 2.48 | .29 | .07 | .37 | 2.80 | .50 | .70 | .30 |
| 36 MG | 193 | 99 | 94 | 0 | 2749.76 | 1850.02 | 1.07 | 4.01 | 4177.47 | 1528.23 | 1.16 | 5.27 | 10580.00 | 1436.00 | 2479.00 |
| 37 MN | 193 | 193 | 0 | 0 | 389.30 | 653.44 | 4.93 | 30.29 | 389.30 | 653.44 | 4.93 | 30.29 | 4950.00 | 23.00 | 00000.00 |
| 38 NA | 193 | 193 | 0 | 0 | 3225.52 | 2136.94 | .58 | 2.04 | 3225.52 | 2136.94 | .58 | 2.04 | 8103.00 | 467.00 | 00000.00 |
| 39 NH | 193 | 9 | 184 | 0 | 37.17 | 20.09 | 1.11 | 4.39 | 65.33 | 12.28 | .45 | 2.05 | 87.00 | 48.00 | 78.00 |
| 40 SR | 193 | 0 | 193 | 0 | 1.52 | .81 | 1.00 | 4.24 | 0.00 | 0.00 | 0.00 | 0.00 | 1.52 | 1.52 | 1.00 |
| 41 SC | 193 | 192 | 1 | 0 | 6.90 | 3.08 | .22 | 2.43 | 6.94 | 3.05 | .25 | 2.44 | 14.90 | 1.00 | .30 |
| 42 SM | 193 | 119 | 74 | 0 | 2.71 | 1.40 | .33 | 1.98 | 3.07 | 1.05 | .07 | 2.61 | 5.50 | .90 | 1.40 |
| 43 SR | 192 | 0 | 192 | 1 | 152.64 | 77.40 | 1.32 | 5.38 | 0.00 | 0.00 | 0.00 | 0.00 | 152.64 | 152.64 | 197.00 |
| 44 TA | 193 | 0 | 193 | 0 | 1.69 | 1.00 | 1.20 | 4.77 | 0.00 | 0.00 | 0.00 | 0.00 | 1.69 | 1.69 | 1.00 |
| 45 TH | 184 | 1 | 183 | 9 | .71 | .32 | 1.39 | 4.21 | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 1.00 | 1.00 |
| 46 TI | 193 | 125 | 68 | 0 | 4.46 | 2.55 | .09 | 1.58 | 6.01 | 1.74 | -.29 | 2.44 | 9.10 | 1.90 | 3.40 |
| 47 TJ | 122 | 122 | 0 | 71 | 3184.10 | 925.76 | -.06 | 2.76 | 3184.10 | 925.76 | -.06 | 2.26 | 4997.00 | 971.00 | 00000.00 |
| 48 V | 193 | 177 | 16 | 0 | 66.04 | 34.75 | .15 | 2.31 | 71.27 | 31.49 | .28 | 2.46 | 157.00 | 12.00 | 12.00 |
| 49 YR | 193 | 57 | 126 | 0 | 2.41 | 1.19 | .97 | 4.75 | 3.48 | 1.07 | 1.51 | 6.47 | 7.70 | 3.70 | 4.60 |
| 50 ZN | 193 | 73 | 120 | 0 | 22.24 | 73.04 | 2.04 | 8.63 | 154.45 | 81.24 | 1.56 | 6.00 | 472.00 | 41.00 | 97.00 |
| 51 IU | 125 | 125 | 0 | 69 | 2.74 | .67 | -.12 | 4.24 | 2.74 | .67 | -.12 | 4.24 | 4.90 | .40 | 00000.00 |

NUMBER OF SAMPLES = 193

CHANDLER LAKE THERMAL EFFLUENT

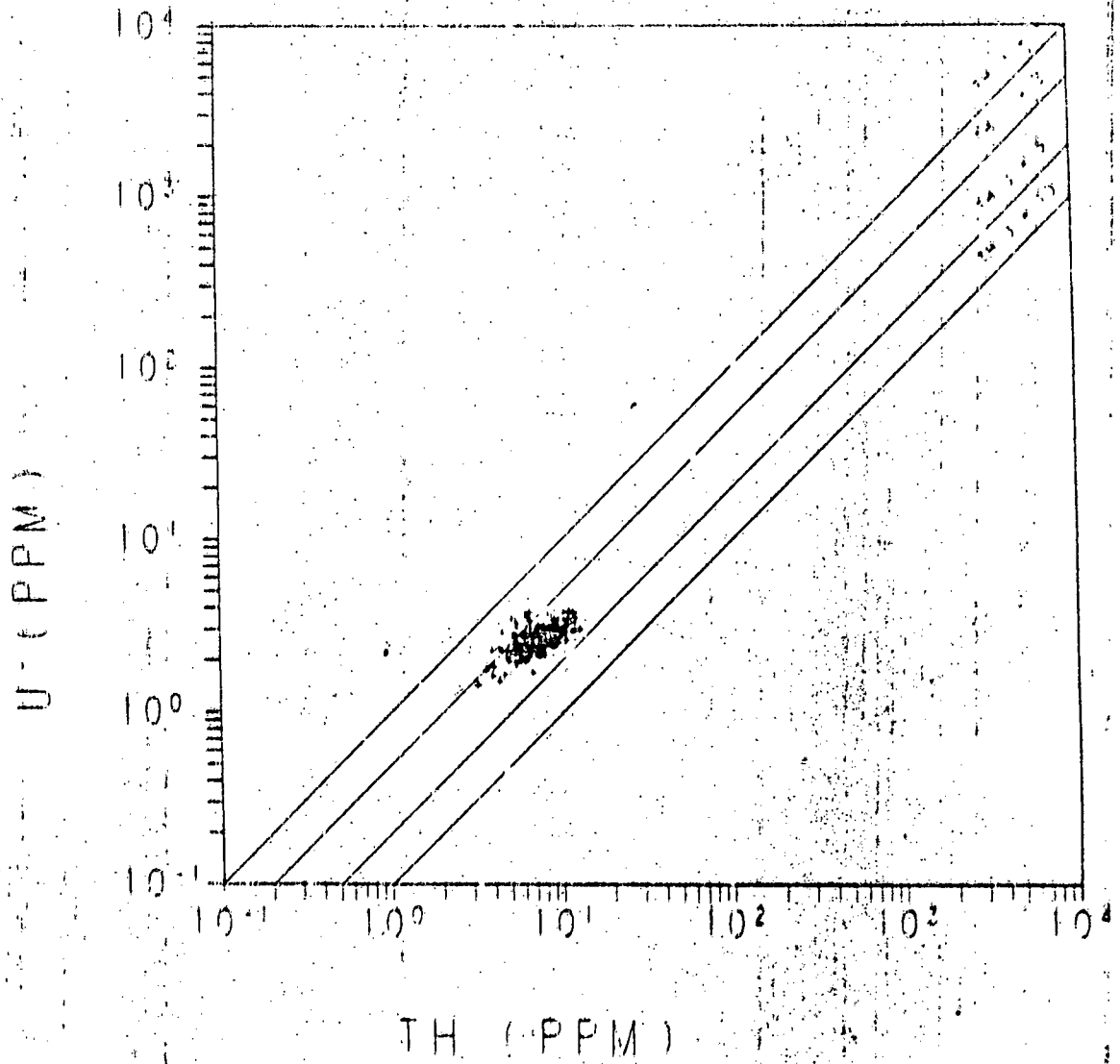


Figure 1. Uranium versus Thorium, Stream Sediments

CHANDLER LAKE LAKE SEDIMENT

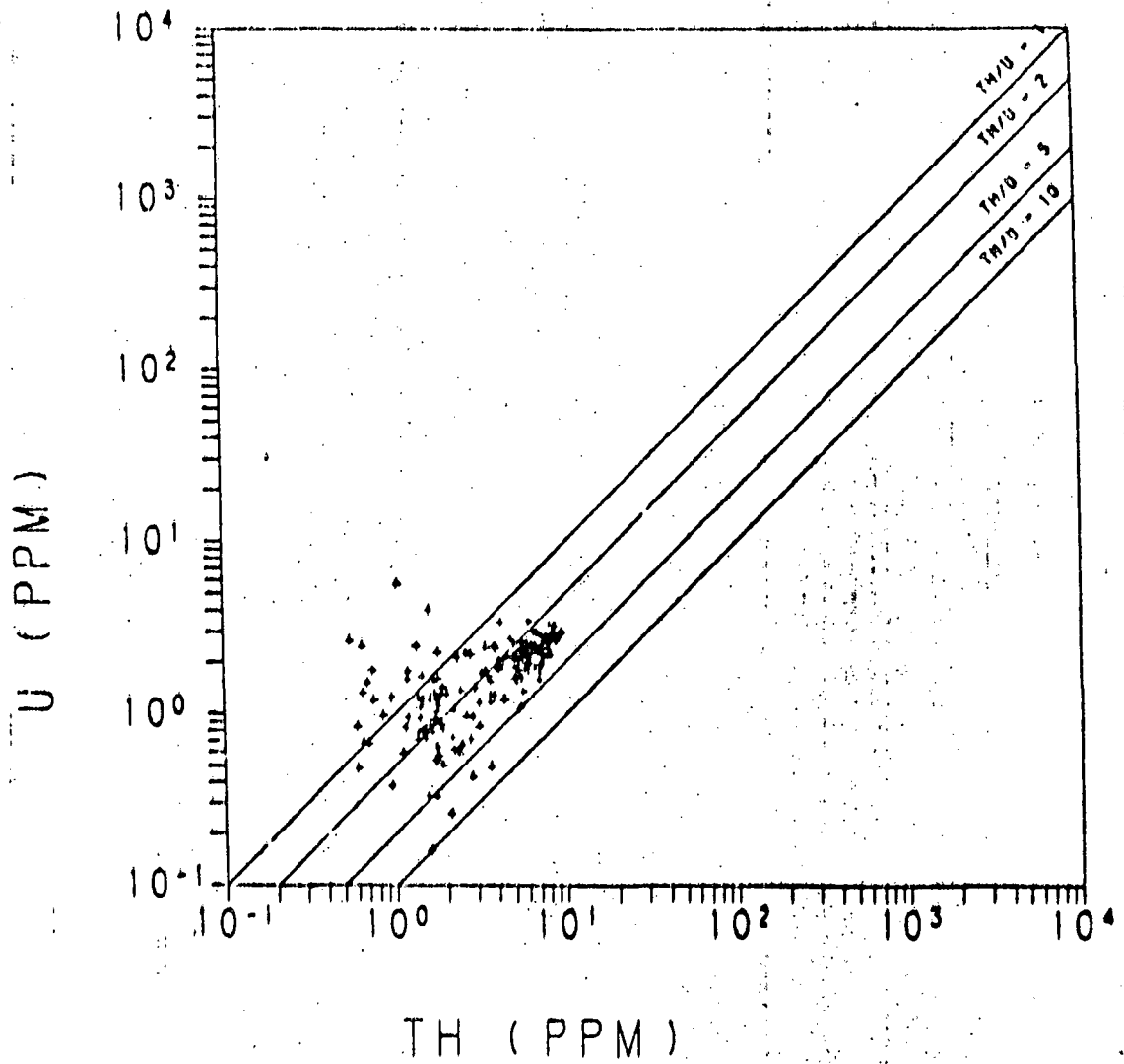


Figure 2. Uranium versus Thorium, Lake Sediments.

CHANDLER LAKE STREAM SEDIMENT - VANADIUM (PPM)

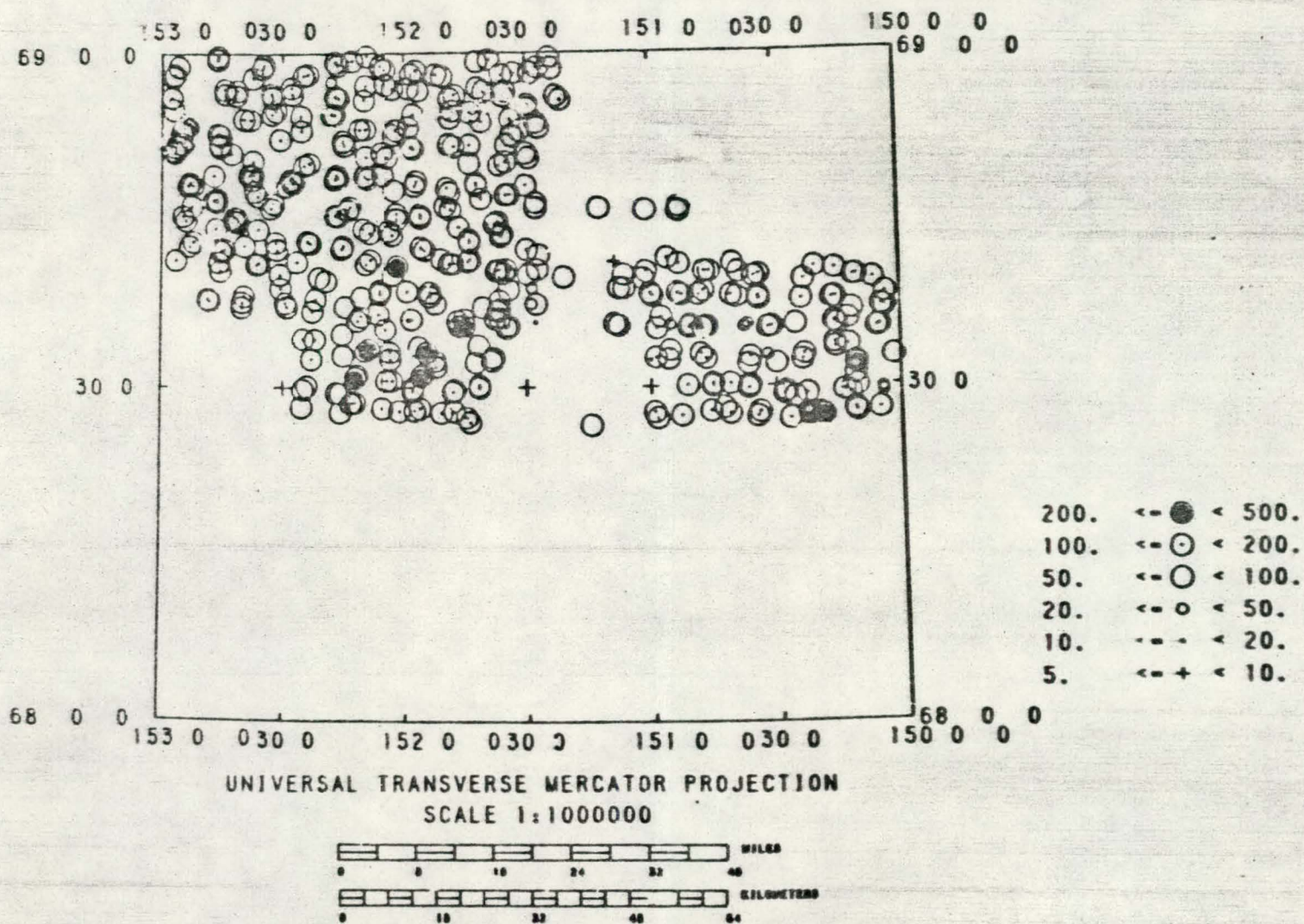


Figure 3. Vanadium (ppm) in Stream Sediments

CHANDLER LAKE STREAM SEDIMENT - COPPER (PPM)

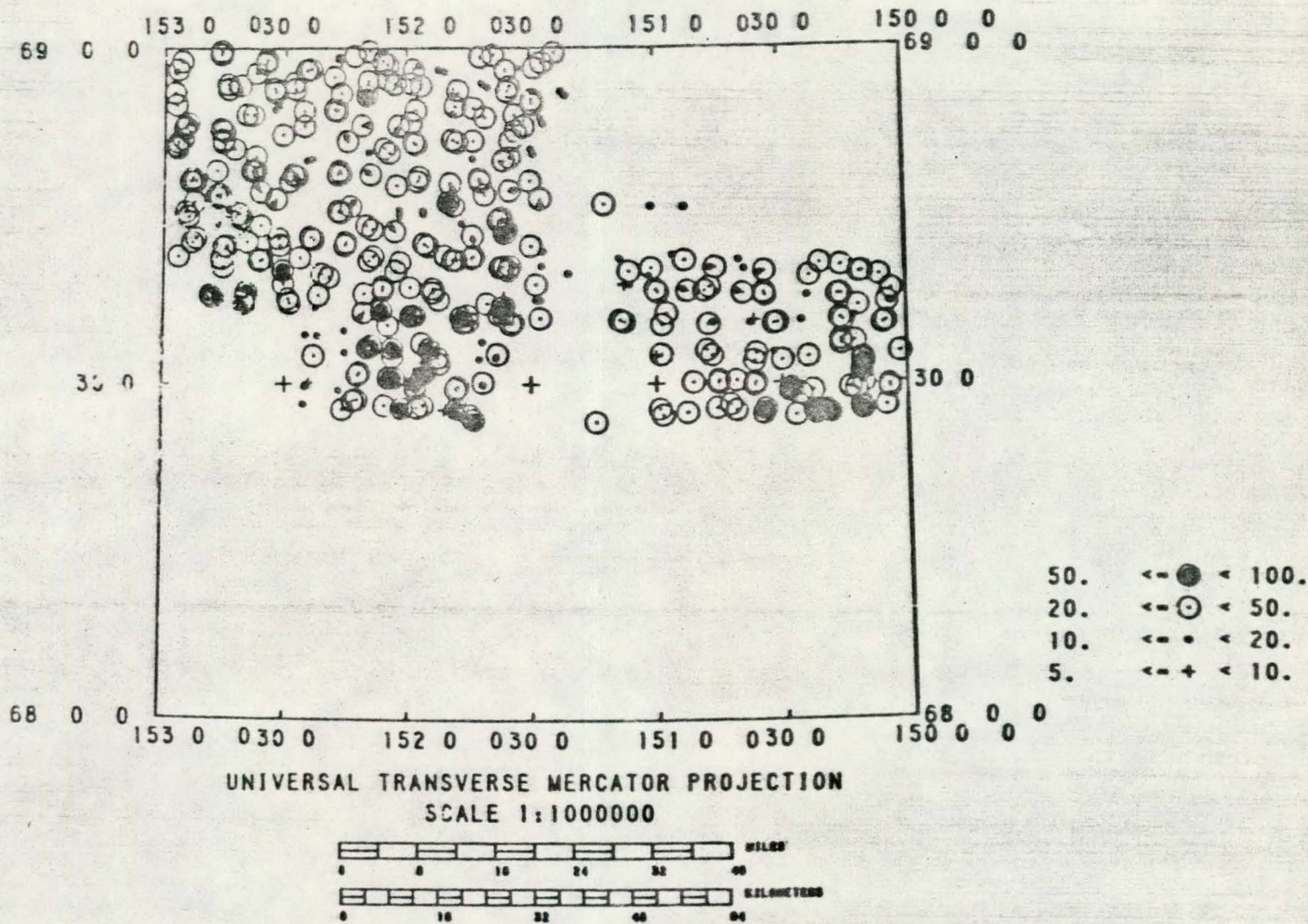


Figure 4. Copper (ppm) in Stream Sediments

CHANDLER LAKE LAKE SEDIMENT - VANADIUM (PPM)

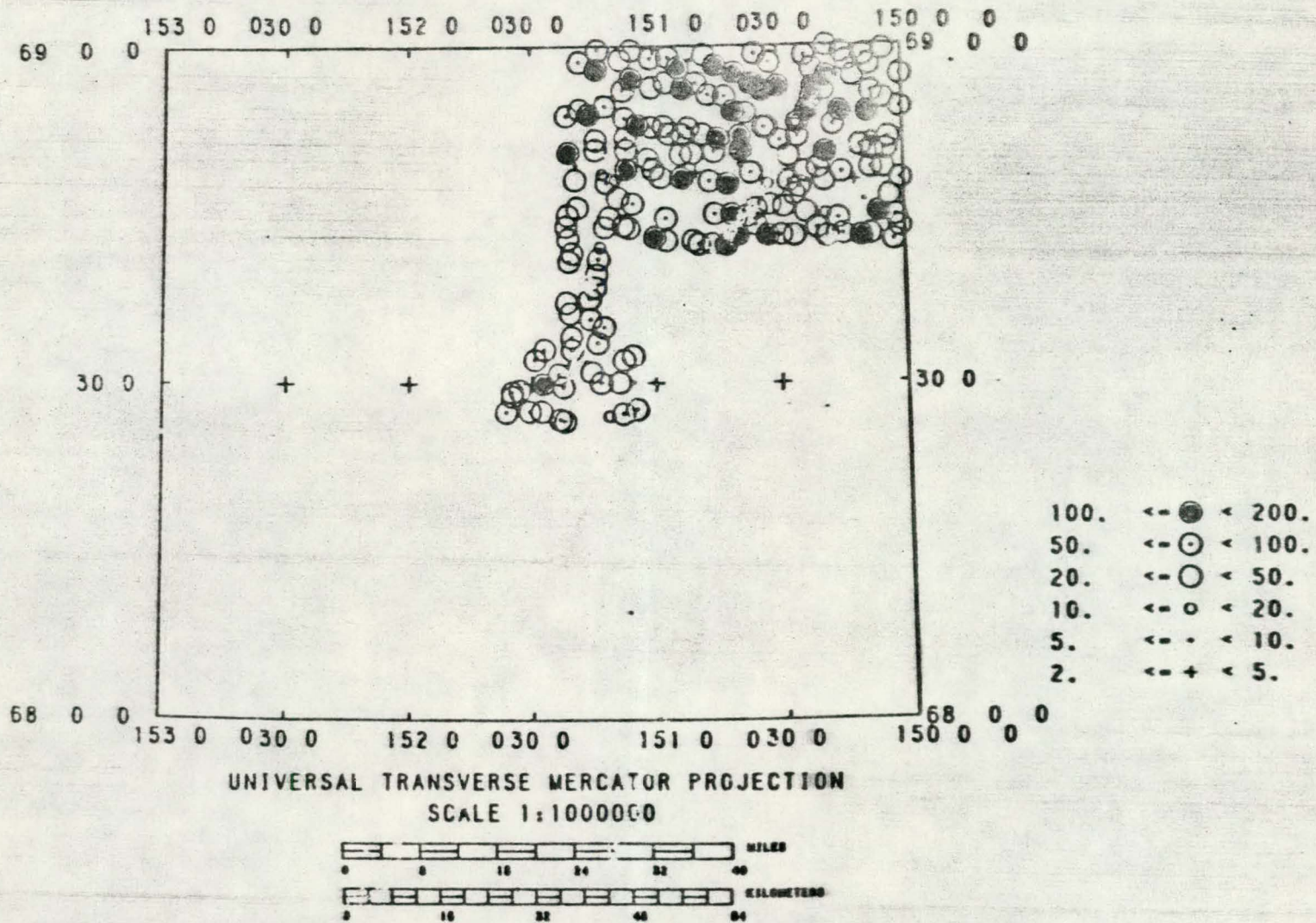


Figure 5. Vanadium (ppm) in Lake Sediments

11

CHANDLER LAKE LAKE SEDIMENT - COPPER (PPM)

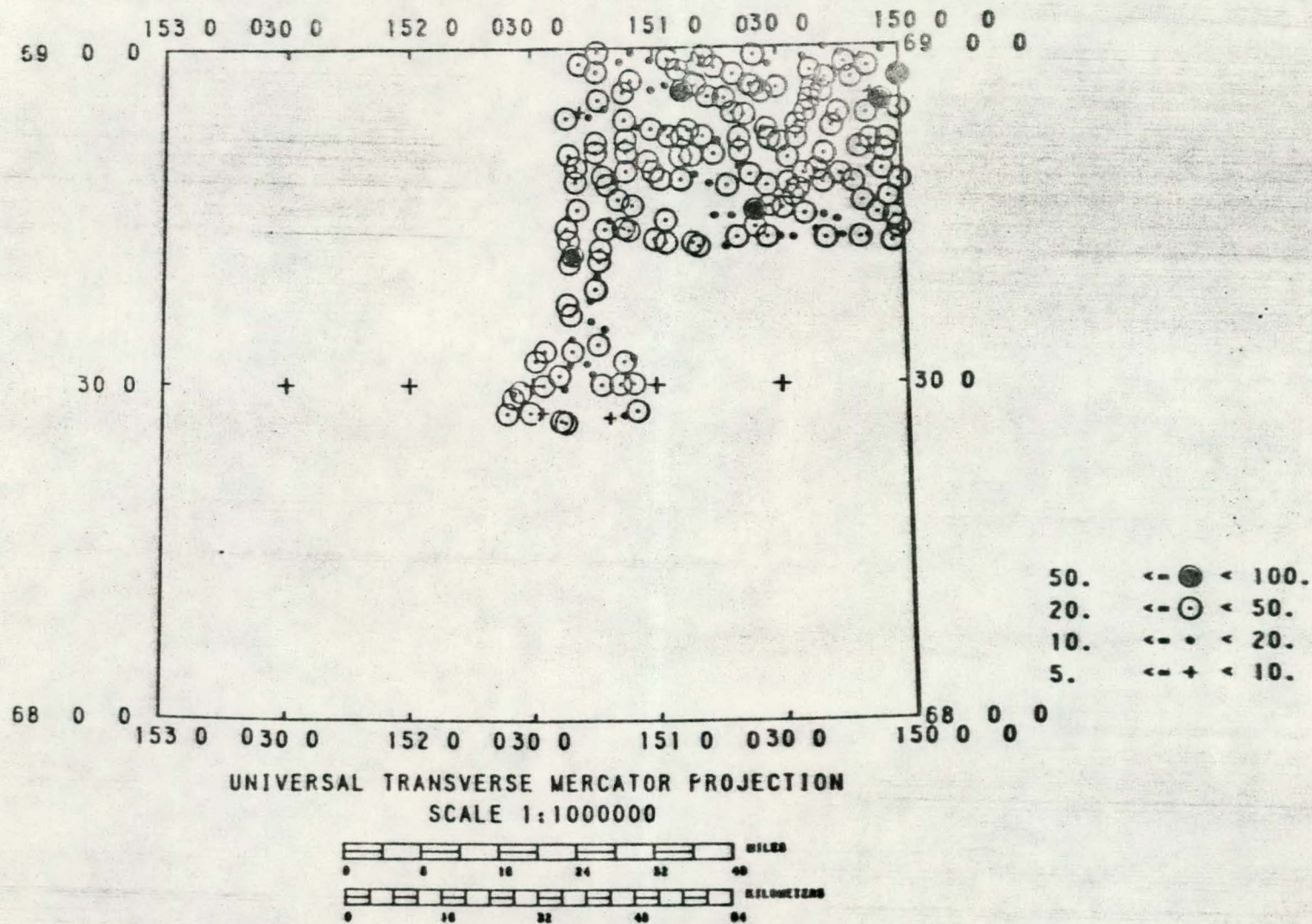


Figure 6. Copper (ppm) in Lake Sediments

MULTIVARIATE STATISTICAL ANALYSES

Stream-sediment and lake-sediment analyses were edited by the FACEDT computer program (Shettel and others, 1980) in preparation for multivariate statistical analyses, by eliminating samples and variables with insufficient data. Information contained in the stream-sediment and lake-sediment data sets before and after editing are shown in Tables 3 through 6. The edited data sets are logarithmically transformed prior to the application of statistical methods.

R-mode factor analysis (Tables 7 and 8) was performed on the transformed edited sediment data. R-mode compares variables over the range of samples; Q-mode compares samples using the variables. Factor analysis attempts to show the geochemical relationships that exist in the data by reducing the dimensionality of the multivariate observations (i.e., by grouping variables that are highly correlated into "factors"). In the sediment data, uranium typically loads with Ce, La, Fe, Mn, V, and Sc, which is characteristic of monazite, zircon, the magnetite-ilmenite suite, and the iron-manganese oxides families of minerals. Results of factor analysis of ground-water data usually show uranium loading with the major ions, confirming the relationship between uranium and specific conductance.

Because of the high degree of correlation between uranium and those elements associated with resistate minerals, step-wise multiple regression (Tables 9 and 10) was employed to "correct" the raw uranium value for that which is present in heavy or resistate minerals. A map of the regression residuals shows those areas where uranium cannot be explained by the occurrence of resistate or heavy minerals (high positive residuals). This technique enhances anomalous samples by suppressing background populations resulting from resistate or heavy minerals. Factor score and residual maps are shown in Figures 7 through 14.

Table 3. Stream Sediment Data Before Editing

| VAR | # MISSING | X | # RDL | Y | MEAN | STD DEV |
|-------|-----------|--------|-------|--------|----------|----------|
| 1 PH | 1 | .24 | 0 | 0.00 | 7.02 | .81 |
| 2 MU | 3 | .71 | 0 | 0.00 | 35.51 | 50.55 |
| 3 UR | 115 | 27.38 | 0 | 0.00 | 5.76 | 3.20 |
| 4 U | 0 | 0.00 | 0 | 0.00 | 2.59 | .51 |
| 5 AG | 14 | 3.33 | 405 | 74.43 | 2.51 | .22 |
| 6 GI | 14 | 3.33 | 404 | 96.19 | 2.51 | .19 |
| 7 CO | 14 | 3.33 | 402 | 95.71 | 2.56 | .71 |
| 8 CU | 14 | 3.33 | 8 | 1.90 | 30.10 | 12.85 |
| 9 NB | 14 | 3.33 | 406 | 96.67 | 10.00 | 0.00 |
| 10 NI | 14 | 3.33 | 5 | 1.19 | 43.20 | 16.43 |
| 11 PA | 14 | 3.33 | 210 | 50.00 | 4.92 | 2.80 |
| 12 SN | 14 | 3.33 | 397 | 94.52 | 5.20 | 1.52 |
| 13 W | 14 | 3.33 | 392 | 93.33 | 7.98 | 2.88 |
| 14 AS | 14 | 3.33 | 3 | .71 | 17.21 | 15.30 |
| 15 SE | 14 | 3.33 | 406 | 96.67 | 2.50 | 0.00 |
| 16 FR | 14 | 3.33 | 0 | 0.00 | 166.30 | 59.57 |
| 17 MO | 420 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 18 BE | 420 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 19 LI | 420 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 20 AL | 0 | 0.00 | 2 | .48 | 53854.84 | 14158.35 |
| 21 AU | 0 | 0.00 | 416 | 99.05 | .05 | .09 |
| 22 BA | 0 | 0.00 | 43 | 10.24 | 722.42 | 500.71 |
| 23 CA | 0 | 0.00 | 217 | 51.67 | 8441.25 | 19674.71 |
| 24 CE | 0 | 0.00 | 15 | 3.57 | 55.10 | 15.01 |
| 25 CL | 0 | 0.00 | 406 | 96.67 | 71.82 | 91.38 |
| 26 CO | 0 | 0.00 | 2 | .48 | 21.75 | 24.20 |
| 27 CR | 0 | 0.00 | 11 | 2.62 | 142.39 | 88.07 |
| 28 CS | 0 | 0.00 | 144 | 34.29 | 3.12 | 1.74 |
| 29 OY | 0 | 0.00 | 30 | 7.14 | 4.98 | 1.68 |
| 30 EU | 0 | 0.00 | 21 | 5.00 | 1.19 | .37 |
| 31 FE | 0 | 0.00 | 4 | .95 | 43393.45 | 27389.69 |
| 32 HF | 0 | 0.00 | 33 | 7.86 | 6.02 | 2.72 |
| 33 K | 1 | .24 | 65 | 16.19 | 11499.99 | 5071.79 |
| 34 LA | 0 | 0.00 | 44 | 10.48 | 26.19 | 9.60 |
| 35 LU | 0 | 0.00 | 66 | 15.71 | .31 | .13 |
| 36 MG | 0 | 0.00 | 51 | 12.14 | 7545.89 | 5010.09 |
| 37 MN | 0 | 0.00 | 0 | 0.00 | 1390.38 | 3813.25 |
| 38 NA | 0 | 0.00 | 0 | 0.00 | 7413.72 | 3294.63 |
| 39 RB | 0 | 0.00 | 331 | 78.81 | 37.40 | 34.60 |
| 40 SB | 0 | 0.00 | 418 | 99.52 | 1.25 | 1.15 |
| 41 SC | 0 | 0.00 | 0 | 0.00 | 12.03 | 3.41 |
| 42 SM | 0 | 0.00 | 20 | 4.76 | 3.81 | 1.11 |
| 43 SR | 15 | 3.57 | 405 | 96.43 | 145.71 | 67.97 |
| 44 TA | 0 | 0.00 | 420 | 100.00 | 1.08 | 1.23 |
| 45 TD | 11 | 2.62 | 400 | 95.24 | .56 | .47 |
| 46 TH | 0 | 0.00 | 18 | 4.29 | 7.20 | 1.98 |
| 47 TI | 37 | 5.81 | 0 | 0.00 | 4305.65 | 819.74 |
| 48 V | 0 | 0.00 | 15 | 3.57 | 125.73 | 35.12 |
| 49 YR | 0 | 0.00 | 137 | 32.62 | 3.32 | 1.80 |
| 50 ZN | 0 | 0.00 | 241 | 57.38 | 87.63 | 84.14 |
| 51 TU | 18 | 4.29 | 0 | 0.00 | 2.82 | .47 |

TOTAL NUMBER OF SAMPLES = 420

Table 4. Stream Sediment Data After Editing

| CHANDLER LAKE STREAM SEDIMENT | | | | | | |
|-------------------------------|-----------|------|-------|-------|----------|----------|
| VAR | # MISSING | % | # RDL | % | MEAN | STD DEV |
| 1 PH | 0 | 0.00 | 0 | 0.00 | 7.03 | .81 |
| 2 MU | 0 | 0.00 | 0 | 0.00 | 36.08 | 51.50 |
| 3 U | 0 | 0.00 | 0 | 0.00 | 2.68 | .38 |
| 4 CU | 0 | 0.00 | 4 | 1.08 | 30.42 | 12.79 |
| 5 NI | 0 | 0.00 | 3 | .81 | 43.32 | 16.12 |
| 6 AS | 0 | 0.00 | 1 | .27 | 15.02 | 7.94 |
| 7 ZP | 0 | 0.00 | 0 | 0.00 | 173.84 | 55.29 |
| 8 AL | 0 | 0.00 | 0 | 0.00 | 56177.56 | 11838.77 |
| 9 SA | 0 | 0.00 | 7 | 1.90 | 742.85 | 501.58 |
| 10 CE | 0 | 0.00 | 2 | .54 | 56.96 | 12.55 |
| 11 CM | 0 | 0.00 | 0 | 0.00 | 17.59 | 6.44 |
| 12 CR | 0 | 0.00 | 0 | 0.00 | 150.78 | 87.92 |
| 13 CS | 0 | 0.00 | 102 | 27.64 | 3.21 | 1.59 |
| 14 DY | 0 | 0.00 | 4 | 1.08 | 4.97 | 1.03 |
| 15 EU | 0 | 0.00 | 3 | .81 | 1.19 | .25 |
| 16 FE | 0 | 0.00 | 0 | 0.00 | 39116.72 | 14273.53 |
| 17 HF | 0 | 0.00 | 3 | .81 | 5.38 | 2.48 |
| 18 K | 0 | 0.00 | 27 | 7.32 | 11723.55 | 4407.35 |
| 19 LA | 0 | 0.00 | 14 | 3.79 | 27.31 | 6.24 |
| 20 LU | 0 | 0.00 | 34 | 9.21 | .32 | .11 |
| 21 MG | 0 | 0.00 | 15 | 4.07 | 7826.27 | 4957.77 |
| 22 MN | 0 | 0.00 | 0 | 0.00 | 796.58 | 649.89 |
| 23 NA | 0 | 0.00 | 0 | 0.00 | 7789.72 | 3067.92 |
| 24 SC | 0 | 0.00 | 0 | 0.00 | 12.47 | 3.10 |
| 25 SM | 0 | 0.00 | 3 | 1.36 | 3.90 | .92 |
| 26 TH | 0 | 0.00 | 0 | 0.00 | 7.53 | 1.55 |
| 27 TI | 0 | 0.00 | 0 | 0.00 | 4306.76 | 797.23 |
| 28 V | 0 | 0.00 | 0 | 0.00 | 131.54 | 32.61 |
| 29 YB | 0 | 0.00 | 97 | 26.29 | 3.35 | 1.45 |
| 30 TU | 0 | 0.00 | 0 | 0.00 | 2.81 | .45 |
| ----- | | | | | | |
| TOTAL NUMBER OF SAMPLES = 369 | | | | | | |

Table 5. Lake Sediment Data Before Editing

| VAR | # MISSING | % | # ROL | % | MEAN | STD DEV |
|-------|-----------|--------|-------|--------|----------|----------|
| 1 PH | 2 | 1.04 | 0 | 0.00 | 6.67 | .76 |
| 2 MIJ | 0 | 0.00 | 0 | 0.00 | 48.96 | 102.52 |
| 3 UP | 193 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 4 U | 0 | 0.00 | 0 | 0.00 | 1.85 | .85 |
| 5 AG | 2 | 1.04 | 191 | 98.96 | 2.50 | 0.00 |
| 6 RI | 2 | 1.04 | 191 | 98.96 | 2.50 | 0.00 |
| 7 CD | 2 | 1.04 | 186 | 96.37 | 2.60 | .65 |
| 8 CU | 2 | 1.04 | 4 | 2.07 | 26.16 | 9.79 |
| 9 NB | 2 | 1.04 | 191 | 98.96 | 10.00 | 0.00 |
| 10 NI | 2 | 1.04 | 24 | 12.44 | 26.08 | 11.18 |
| 11 PB | 2 | 1.04 | 142 | 73.58 | 3.75 | 2.45 |
| 12 SN | 2 | 1.04 | 190 | 98.45 | 5.04 | .58 |
| 13 W | 2 | 1.04 | 190 | 98.45 | 7.65 | 2.06 |
| 14 AS | 2 | 1.04 | 33 | 17.10 | 10.47 | 17.77 |
| 15 SE | 2 | 1.04 | 191 | 98.96 | 2.50 | 0.00 |
| 16 ZP | 2 | 1.04 | 0 | 0.00 | 95.33 | 58.03 |
| 17 MD | 193 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 19 HE | 193 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 19 LI | 193 | 100.00 | 0 | 0.00 | 0.00 | 0.00 |
| 20 AL | 0 | 0.00 | 1 | .52 | 31143.70 | 15527.45 |
| 21 AU | 0 | 0.00 | 170 | 88.08 | .12 | .24 |
| 22 QA | 0 | 0.00 | 98 | 45.60 | 361.98 | 214.20 |
| 23 CA | 0 | 0.00 | 117 | 60.62 | 6886.68 | 25363.28 |
| 24 CE | 0 | 0.00 | 70 | 40.93 | 29.16 | 19.71 |
| 25 CL | 0 | 0.00 | 125 | 64.77 | 131.86 | 132.33 |
| 26 CO | 0 | 0.00 | 18 | 9.33 | 9.81 | 6.94 |
| 27 CR | 0 | 0.00 | 62 | 32.12 | 53.00 | 34.17 |
| 28 CS | 0 | 0.00 | 154 | 79.79 | 1.97 | 1.07 |
| 29 OY | 0 | 0.00 | 62 | 32.12 | 3.40 | 1.56 |
| 30 EU | 0 | 0.00 | 95 | 49.22 | .70 | .39 |
| 31 FE | 0 | 0.00 | 11 | 5.70 | 23191.71 | 20031.27 |
| 32 HF | 0 | 0.00 | 104 | 53.89 | 3.26 | 2.38 |
| 33 K | 0 | 0.00 | 100 | 51.81 | 5726.22 | 3837.88 |
| 34 LA | 0 | 0.00 | 106 | 54.92 | 15.28 | 9.02 |
| 35 LU | 0 | 0.00 | 120 | 62.18 | .19 | .10 |
| 36 MG | 0 | 0.00 | 94 | 48.70 | 2749.76 | 1850.02 |
| 37 MN | 0 | 0.00 | 0 | 0.00 | 399.30 | 653.48 |
| 38 NA | 0 | 0.00 | 0 | 0.00 | 3225.52 | 2136.94 |
| 39 RA | 0 | 0.00 | 184 | 95.34 | 37.17 | 20.09 |
| 40 SB | 0 | 0.00 | 193 | 100.00 | 1.52 | .81 |
| 41 SC | 0 | 0.00 | 1 | .52 | 6.90 | 3.08 |
| 42 SM | 0 | 0.00 | 74 | 38.34 | 2.21 | 1.40 |
| 43 SR | 1 | .52 | 192 | 99.48 | 152.64 | 72.40 |
| 44 TA | 0 | 0.00 | 193 | 100.00 | 1.69 | 1.00 |
| 45 TB | 9 | 4.66 | 183 | 94.82 | .71 | .32 |
| 46 TH | 0 | 0.00 | 68 | 35.23 | 4.46 | 2.55 |
| 47 TI | 71 | 36.79 | 0 | 0.00 | 3184.60 | 925.75 |
| 48 V | 0 | 0.00 | 16 | 8.29 | 66.04 | 34.76 |
| 49 YR | 0 | 0.00 | 136 | 70.47 | 2.41 | 1.19 |
| 50 ZN | 0 | 0.00 | 120 | 62.18 | 92.34 | 73.04 |
| 51 TU | 68 | 35.23 | 0 | 0.00 | 2.74 | .67 |

TOTAL NUMBER OF SAMPLES = 193

Table 6. Lake Sediment Data After Editing

| CHANDLER LAKE LAKE SEDIMENT | | | | | | |
|-----------------------------|---------|-----|-------|----------|----------|--|
| VAR | MISSING | BDL | MEAN | STD DEV | | |
| 1 PH | 0 | 0 | 6.68 | .75 | | |
| 2 MU | 0 | 0 | 49.38 | 103.50 | | |
| 3 U | 0 | 0 | 1.85 | .95 | | |
| 4 CU | 0 | 4 | 2.12 | 9.82 | | |
| 5 NI | 0 | 24 | 12.70 | 11.23 | | |
| 6 AS | 0 | 33 | 17.46 | 17.85 | | |
| 7 ZP | 0 | 0 | 94.51 | 57.50 | | |
| 8 AL | 0 | 1 | .53 | 31213.81 | 15575.20 | |
| 9 BA | 0 | 84 | 45.50 | 215.51 | | |
| 10 CE | 0 | 77 | 40.74 | 19.96 | | |
| 11 CD | 0 | 18 | 9.52 | 6.89 | | |
| 12 CR | 0 | 60 | 31.75 | 34.11 | | |
| 13 DY | 0 | 61 | 32.28 | 1.57 | | |
| 14 EU | 0 | 94 | 49.74 | .39 | | |
| 15 FE | 0 | 11 | 3.32 | 23244.48 | 20179.58 | |
| 16 MG | 0 | 92 | 48.68 | 1853.82 | | |
| 17 MN | 0 | 0 | 0.00 | 659.42 | | |
| 18 NA | 0 | 0 | 0.00 | 3219.72 | 2123.12 | |
| 19 SC | 0 | 1 | .53 | 3.10 | | |
| 20 SM | 0 | 73 | 38.62 | 1.40 | | |
| 21 TH | 0 | 67 | 35.45 | 2.56 | | |
| 22 V | 0 | 16 | 8.47 | 34.85 | | |

TOTAL NUMBER OF SAMPLES = 199

FACTOR ANALYSIS (CASE 2)
 CHANDLER LAKE STREAM SEDIMENT
 NUMBER OF SAMPLES 369
 NUMBER OF VARIABLES 30

Table 7. R-mode Factor Analysis of Stream Sediment Data

CORRELATION COEFFICIENTS

| | PH | MU | U | CU | NI | AS | ZR | AL | BA | CE | CO | CR | CS | DY | EU |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PH | 1.000 | | | | | | | | | | | | | | |
| MU | .364 | 1.000 | | | | | | | | | | | | | |
| U | .045 | .756 | 1.000 | | | | | | | | | | | | |
| CU | .304 | .479 | .391 | 1.000 | | | | | | | | | | | |
| NI | .216 | .405 | .306 | .574 | 1.000 | | | | | | | | | | |
| AS | .177 | .164 | .066 | .373 | .484 | 1.000 | | | | | | | | | |
| ZR | -.243 | -.294 | .334 | -.362 | -.096 | -.220 | 1.000 | | | | | | | | |
| AL | .146 | .312 | .588 | .669 | .663 | .419 | -.055 | 1.000 | | | | | | | |
| BA | .246 | .352 | .322 | .513 | .251 | .217 | -.290 | .391 | 1.000 | | | | | | |
| CE | -.158 | -.051 | .471 | .103 | .303 | .023 | .425 | .461 | .007 | 1.000 | | | | | |
| CO | .162 | .153 | .089 | .269 | .546 | .404 | -.022 | .400 | .113 | .180 | 1.000 | | | | |
| CR | -.076 | -.071 | .111 | -.119 | .330 | -.017 | .620 | .071 | -.148 | .372 | .192 | 1.000 | | | |
| CS | .100 | .322 | .462 | .455 | .439 | .242 | -.146 | .568 | .344 | .195 | .172 | -.077 | 1.000 | | |
| DY | -.034 | -.058 | .433 | .177 | .218 | .067 | .357 | .349 | -.053 | .427 | .098 | .260 | .219 | 1.000 | |
| EU | .064 | .099 | .400 | .331 | .403 | .730 | .220 | .447 | .269 | .454 | .357 | .266 | .213 | .463 | 1.000 |
| FE | .163 | .098 | .023 | .306 | .513 | .764 | -.203 | .410 | .104 | .024 | .599 | -.021 | .194 | .059 | .272 |
| HF | -.220 | -.272 | .358 | -.301 | -.079 | -.240 | .912 | -.017 | -.255 | .429 | .005 | -.568 | -.113 | .368 | .297 |
| K | .054 | .329 | .673 | .559 | .465 | .185 | .060 | .765 | .335 | .420 | .153 | .057 | .508 | .336 | .347 |
| LA | -.079 | .016 | .464 | .082 | .165 | -.086 | .394 | .271 | -.001 | .469 | .089 | .275 | .194 | .349 | .296 |
| LU | .007 | .013 | .333 | .120 | .259 | .014 | .357 | .270 | .037 | .456 | .115 | .257 | .149 | .242 | .335 |
| MG | .340 | .593 | .405 | .645 | .554 | .307 | -.244 | .620 | .542 | .116 | .199 | .010 | .406 | .059 | .274 |
| MN | .329 | .327 | -.008 | .234 | .472 | .400 | -.229 | .239 | .251 | -.080 | .813 | -.038 | .130 | -.143 | .202 |
| NA | .192 | .281 | .193 | .439 | .461 | .411 | -.089 | .685 | .398 | .166 | .347 | .044 | .249 | .057 | .300 |
| SC | .250 | .369 | .496 | .774 | .725 | .467 | -.174 | .939 | .460 | .360 | .522 | .059 | .544 | .289 | .474 |
| SP | -.045 | .036 | .413 | .166 | .327 | .107 | .394 | .366 | -.031 | .580 | .299 | .377 | .180 | .456 | .475 |
| TH | -.175 | -.037 | .627 | .175 | .279 | .119 | .489 | .515 | -.076 | .605 | .160 | .316 | .348 | .494 | .337 |
| TI | -.044 | -.003 | .434 | .309 | .348 | .185 | .346 | .673 | .141 | .423 | .254 | .289 | .265 | .349 | .321 |
| V | .276 | .361 | .464 | .740 | .690 | .509 | -.209 | .912 | .576 | .322 | .480 | .046 | .522 | .240 | .450 |
| YR | -.026 | -.070 | .281 | .690 | .259 | .013 | .327 | .230 | -.048 | .335 | .129 | .252 | .206 | .245 | .217 |
| TU | -.263 | -.274 | -.083 | -.122 | .087 | .095 | .330 | .119 | -.382 | .358 | .175 | .306 | .037 | .249 | .078 |

| | FF | HF | K | LA | LU | MG | MN | NA | SC | SP | TH | TI | V | YR | TU |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| FE | 1.000 | | | | | | | | | | | | | | |
| HF | -.227 | 1.000 | | | | | | | | | | | | | |
| K | .115 | .125 | 1.000 | | | | | | | | | | | | |
| LA | -.091 | .473 | .396 | 1.000 | | | | | | | | | | | |
| LU | .071 | .372 | .258 | .397 | 1.000 | | | | | | | | | | |
| MG | .214 | -.196 | .592 | .156 | .141 | 1.000 | | | | | | | | | |
| MN | .501 | -.213 | .020 | -.074 | -.002 | .310 | 1.000 | | | | | | | | |
| NA | .386 | -.070 | .438 | .038 | .146 | .575 | .333 | 1.000 | | | | | | | |
| SC | .503 | -.121 | .680 | .196 | .231 | .655 | .421 | .662 | 1.000 | | | | | | |
| SP | .163 | .402 | .369 | .506 | .353 | .116 | .053 | .100 | .340 | 1.000 | | | | | |
| TH | .078 | .477 | .503 | .540 | .366 | .107 | -.140 | .108 | .394 | .543 | 1.000 | | | | |
| TI | .215 | .307 | .550 | .780 | .749 | .266 | .012 | .467 | .588 | .291 | .524 | 1.000 | | | |
| V | .505 | -.163 | .654 | .142 | .187 | .665 | .399 | .691 | .954 | .740 | .313 | .571 | 1.000 | | |
| YR | .055 | .276 | .279 | .316 | .259 | .098 | .033 | .140 | .205 | .357 | .331 | .237 | .148 | 1.000 | |
| TU | -.079 | .293 | .093 | .283 | .174 | -.278 | -.172 | -.032 | .052 | .354 | .725 | .287 | -.009 | .174 | 1.000 |

Table 7. R-mode Factor Analysis of Stream Sediment Data
(continued)

| EIGENVALUES CP.V ELEMENTS | FACTOR | | | | |
|---------------------------------|---------|-----------|---------|----------|---------|
| | 1 | 2 | 3 | 4 | 5 |
| | 9.33603 | 5.57682 | 2.40322 | 1.62949 | 1.17115 |
| | .31120 | .49710 | .57720 | .63152 | .67056 |
| | | UNROTATED | FACTOR | LOADINGS | |
| PH | .21075 | -.42369 | .02571 | -.39940 | -.09715 |
| MI | .39969 | -.43654 | .26409 | -.31655 | -.24945 |
| U | .64592 | .29670 | .42530 | -.11321 | -.11757 |
| CU | .70734 | -.40087 | .21025 | .05140 | -.14142 |
| NI | .76846 | -.15156 | -.24921 | -.10315 | -.11727 |
| AS | .47954 | -.35733 | -.45472 | .23147 | .00949 |
| ZR | .06188 | .85018 | -.09435 | -.26944 | -.22114 |
| AL | .92451 | -.09605 | .09443 | .22375 | .12182 |
| BA | .43342 | -.43706 | .35256 | -.19042 | .19923 |
| CE | .51952 | .55780 | .01731 | .02793 | -.01172 |
| CO | .52664 | -.13985 | -.65154 | -.18046 | -.08839 |
| CR | .22547 | .50198 | -.30437 | -.36450 | .18314 |
| CS | .58428 | -.12433 | .27079 | .19322 | -.32339 |
| OY | .42489 | .47114 | .05549 | .07637 | -.12958 |
| EU | .59839 | .20671 | -.11077 | -.23411 | -.00166 |
| FE | .47299 | -.32939 | -.62309 | .16910 | -.06332 |
| HF | .10215 | .82489 | -.03036 | -.29944 | .22343 |
| H | .75904 | .09126 | .39243 | .14812 | .05224 |
| LA | .39923 | .55942 | .18064 | -.14675 | -.22876 |
| LI | .38233 | .40245 | .01704 | -.23010 | -.05617 |
| MG | .67123 | -.49516 | .29714 | -.20794 | .10351 |
| MJ | .37606 | -.43715 | -.52734 | -.38205 | -.10609 |
| NA | .63885 | -.27199 | -.06312 | .01649 | .49901 |
| SC | .92546 | -.23250 | -.00829 | .12400 | .04747 |
| SP | .51229 | .50734 | -.13441 | -.09042 | -.29824 |
| TH | .56229 | .61935 | .03046 | .31349 | -.17892 |
| TJ | .63714 | .27243 | .00462 | .23096 | .47347 |
| V | .89119 | -.28099 | .00970 | .11752 | .14373 |
| YR | .33462 | .36736 | -.07934 | -.14725 | -.14199 |
| TU | .14802 | .55548 | -.34612 | .50220 | -.14466 |

Table 8. R-mode Factor Analysis of Lake Sediment Data

FACTOR ANALYSIS (CASE 2)
 CHANDLER LAKE LAKE SEDIMENT
 NUMBER OF SAMPLES 109
 NUMBER OF VARIABLES 22

CORRELATION COEFFICIENTS

| | PH | MU | U | CU | NI | AS | ZR | AL | RA | CE | CO | CO | NY | FM | FE |
|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PH | 1.000 | | | | | | | | | | | | | | |
| MU | .493 | 1.000 | | | | | | | | | | | | | |
| U | .177 | .137 | 1.000 | | | | | | | | | | | | |
| CU | -.135 | -.037 | -.009 | 1.000 | | | | | | | | | | | |
| NI | -.024 | -.092 | .097 | .315 | 1.000 | | | | | | | | | | |
| AS | .021 | -.102 | -.031 | -.029 | .306 | 1.000 | | | | | | | | | |
| ZR | .014 | -.114 | .786 | -.192 | .081 | -.014 | 1.000 | | | | | | | | |
| AL | -.036 | -.131 | .785 | .037 | .259 | .050 | .859 | 1.000 | | | | | | | |
| RA | -.099 | -.092 | .467 | .051 | .223 | .145 | .600 | .567 | 1.000 | | | | | | |
| CE | -.064 | -.122 | .579 | -.050 | .197 | -.034 | .790 | .780 | .599 | 1.000 | | | | | |
| CO | .056 | -.059 | .229 | -.106 | .525 | .276 | .310 | .393 | .316 | .299 | 1.000 | | | | |
| CO | -.082 | -.150 | .643 | -.109 | .166 | -.051 | .846 | .817 | .532 | .786 | .317 | 1.000 | | | |
| NY | -.193 | -.141 | .504 | .113 | .221 | .034 | .670 | .683 | .567 | .685 | .279 | .656 | 1.000 | | |
| FM | -.105 | -.149 | .361 | .094 | .295 | .056 | .563 | .576 | .544 | .711 | -.235 | .528 | .574 | 1.000 | |
| FE | .089 | -.048 | .235 | -.063 | .249 | .356 | .299 | .321 | .244 | .329 | .295 | .264 | .311 | .143 | 1.000 |
| MG | .071 | .036 | .562 | .003 | .268 | .104 | .665 | .642 | .556 | .627 | .398 | .436 | .541 | .501 | .228 |
| MN | .260 | .221 | .066 | .019 | .372 | .349 | -.066 | -.045 | .147 | -.073 | .579 | -.051 | -.058 | -.078 | .295 |
| NA | -.050 | -.171 | .755 | -.111 | .158 | .029 | .939 | .907 | .678 | .797 | .385 | .831 | .680 | .549 | .317 |
| SC | -.005 | -.129 | .787 | .220 | .376 | .082 | .755 | .902 | .502 | .670 | .364 | .701 | .639 | .502 | .394 |
| SM | -.151 | -.218 | .642 | .133 | .207 | .102 | .638 | .658 | .529 | .694 | .224 | .634 | .690 | .597 | .318 |
| TH | -.013 | -.125 | .628 | -.023 | .216 | -.011 | .804 | .821 | .592 | .826 | .285 | .800 | .675 | .678 | .314 |
| V | .602 | -.121 | .751 | .056 | .271 | .085 | .794 | .905 | .502 | .692 | .405 | .741 | .649 | .503 | .371 |

| | MG | MN | NA | SC | SM | TH | V |
|----|-------|-------|-------|-------|-------|-------|-------|
| MG | 1.000 | | | | | | |
| MN | .152 | 1.000 | | | | | |
| NA | .678 | -.014 | 1.000 | | | | |
| SC | .573 | .039 | .900 | 1.000 | | | |
| SM | .519 | -.048 | .621 | .588 | 1.000 | | |
| TH | .627 | -.104 | .816 | .729 | .618 | 1.000 | |
| V | .577 | -.065 | .817 | .874 | .596 | .749 | 1.000 |

Table 8. R-mode Factor Analysis of Lake Sediment Data
(continued)

| ELEMENTS | FACTORS | | | | |
|-------------|----------|-------------|---------|----------|---------|
| | 1 | 2 | 3 | 4 | 5 |
| PERCENTAGES | 10.14870 | 2.35520 | 1.82715 | 1.77379 | .95677 |
| PCMV | .46317 | .57018 | .45368 | .71158 | .75507 |
| ELEMENTS | | (UNROTATED) | FACTORS | LOADINGS | |
| PH | .04477 | .34143 | .71700 | -.16391 | -.07087 |
| TH | .15479 | .22466 | .69263 | -.36147 | .12090 |
| U | -.76577 | -.02117 | .39553 | -.14479 | -.19969 |
| CU | -.01884 | .00511 | -.44484 | -.91912 | -.16754 |
| NI | -.31345 | .00291 | -.39452 | -.29436 | .16209 |
| AS | -.09037 | .62656 | -.24428 | .37121 | -.26745 |
| TO | -.01185 | -.15432 | .70904 | .14877 | -.00718 |
| AL | -.01449 | -.05598 | .05587 | -.04024 | -.13874 |
| BA | -.09587 | .04317 | -.08763 | .02099 | .29752 |
| CE | -.87179 | -.13768 | .00917 | .05092 | .15649 |
| CF | -.42435 | .62777 | -.06549 | .15911 | .24888 |
| CO | -.96849 | -.14760 | .07165 | .10699 | .05306 |
| DT | -.78791 | -.10343 | -.19436 | -.04011 | .03058 |
| EU | -.18577 | -.09375 | -.24021 | -.05849 | .30549 |
| FE | -.40398 | .43870 | -.05321 | .24643 | -.47285 |
| GC | -.74385 | .13879 | .12475 | -.05509 | .27237 |
| HN | -.02225 | .84267 | .10987 | .00371 | .19629 |
| NA | -.93001 | -.09309 | .11011 | .11773 | -.01267 |
| SC | -.87393 | .06807 | .00814 | -.22715 | -.29255 |
| SM | -.75265 | -.11099 | -.24739 | -.01590 | .00294 |
| TM | -.88192 | -.13179 | .05390 | .00780 | .03430 |
| V | -.88226 | -.00462 | .05466 | -.07084 | -.25257 |

Table 9. Regression Analysis Results, Stream Sediment
 MULTIPLE REGRESSION ANALYSIS

PROBLEM CHANDLER LAKE STREAM SEDIMENT

OBSERVATIONS 369
 PROBLEM

CHANDLER LAKE STREAM SEDIMENT

STEPWISE REGRESSION CASE 1

DEPENDENT VARIABLE 3

F-LEVEL TO ENTER 5.00000

F-LEVEL TO REMOVE 5.00000

STANDARD ERROR OF Y STEP NO. 1 .14842

ENTERED VARIABLE 26

F-LEVEL 237.46505
 STANDARD ERROR OF Y .11581
 MULTIPLE CORRELATION .62678
 R-SQUARED .39285
 DEGREES OF FREEDOM 367
 CONSTANT TERM .10979

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|------------|------------|------------|
| 26 | .62678E+00 | .43352E+00 | .28133E-01 |

STEP NO. 2

ENTERED VARIABLE 9

F-LEVEL 107.20837
 STANDARD ERROR OF Y .10198
 MULTIPLE CORRELATION .72829
 R-SQUARED .53041
 DEGREES OF FREEDOM 366
 CONSTANT TERM -.71580

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|------------|------------|------------|
| 9 | .37195E+00 | .12111E+00 | .11697E-01 |
| 26 | .65495E+00 | .45301E+00 | .24847E-01 |

STEP NO. 3

ENTERED VARIABLE 18

F-LEVEL 40.36099
 STANDARD ERROR OF Y .09691
 MULTIPLE CORRELATION .75971
 R-SQUARED .57716
 DEGREES OF FREEDOM 365

Table 9. Regression Analysis Results, Stream Sediment
(continued)

| CONSTANT TERM | | | |
|----------------------|-------------|-------------|------------|
| VARIABLE | BETA PRIME | BETA | SE (BETA) |
| 9 | .26784E+00 | .87209E-01 | .12329E-01 |
| 18 | .27761E+00 | .87314E-01 | .13744E-01 |
| 26 | .50730E+00 | .35088E+00 | .28562E-01 |
| STEP NO. | 4 | | |
| ENTERED VARIABLE 7 | | | |
| F-LEVEL | | 29.39875 | |
| STANDARD ERROR OF Y | | .09334 | |
| MULTIPLE CORRELATION | | .78023 | |
| R-SQUARED | | .60876 | |
| DEGREES OF FREEDOM | | 364 | |
| CONSTANT TERM | | -1.59963 | |
| VARIABLE | BETA PRIME | BETA | SE (BETA) |
| 7 | .21507E+00 | .11265E+00 | .20777E-01 |
| 9 | .31037E+00 | .10106E+00 | .12147E-01 |
| 18 | .31007E+00 | .97523E-01 | .13372E-01 |
| 26 | .38911E+00 | .26913E+00 | .31372E-01 |
| STEP NO. | 5 | | |
| ENTERED VARIABLE 12 | | | |
| F-LEVEL | | 22.11407 | |
| STANDARD ERROR OF Y | | .09075 | |
| MULTIPLE CORRELATION | | .79450 | |
| R-SQUARED | | .63123 | |
| DEGREES OF FREEDOM | | 363 | |
| CONSTANT TERM | | -1.70867 | |
| VARIABLE | BETA PRIME | BETA | SE (BETA) |
| 7 | .33434E+00 | .17513E+00 | .24177E-01 |
| 9 | .31678E+00 | .10314E+00 | .11818E-01 |
| 12 | -.19128E+00 | -.66901E-01 | .14227E-01 |
| 18 | .31040E+00 | .97626E-01 | .13000E-01 |
| 26 | .39158E+00 | .27084E+00 | .30503E-01 |
| STEP NO. | 6 | | |
| ENTERED VARIABLE 2 | | | |
| F-LEVEL | | 28.22224 | |
| STANDARD ERROR OF Y | | .08753 | |
| MULTIPLE CORRELATION | | .81111 | |
| R-SQUARED | | .65790 | |
| DEGREES OF FREEDOM | | 362 | |
| CONSTANT TERM | | -1.64686 | |
| VARIABLE | BETA PRIME | BETA | SE (BETA) |
| 2 | .18893E+00 | .18808E-01 | .35403E-02 |
| 7 | .39623E+00 | .20754E+00 | .24103E-01 |
| 9 | .29532E+00 | .92903E-01 | .11560E-01 |
| 12 | -.22220E+00 | -.77716E-01 | .13872E-01 |
| 18 | .24923E+00 | .78388E-01 | .13051E-01 |
| 26 | .40656E+00 | .28120E+00 | .29484E-01 |

Table 9. Regression Analysis Results, Stream Sediment
(continued)

STEP NO. 7
ENTERED VARIABLE 14

F-LEVEL 13.02817
STANDARD ERROR OF Y .08611
MULTIPLE CORRELATION .91842
R-SQUARED .66981
DEGREES OF FREEDOM 361
CONSTANT TERM -1.58293

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .19840E+00 | .19751E-01 | .34927E-02 |
| 7 | .37972E+00 | .19890E+00 | .23833E-01 |
| 9 | .28844E+00 | .93919E-01 | .11376E-01 |
| 12 | -.23053E+00 | -.80629E-01 | .13671E-01 |
| 14 | .12930E+00 | .73936E-01 | .20484E-01 |
| 18 | .22292E+00 | .70114E-01 | .13042E-01 |
| 26 | .36721E+00 | .25399E+00 | .29970E-01 |

STEP NO. 8
ENTERED VARIABLE 23

F-LEVEL 9.45469
STANDARD ERROR OF Y .08512
MULTIPLE CORRELATION .82357
R-SQUARED .67826
DEGREES OF FREEDOM 360
CONSTANT TERM -1.41364

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .20479E+00 | .20387E-01 | .34887E-02 |
| 7 | .37245E+00 | .19509E+00 | .23591E-01 |
| 9 | .31548E+00 | .10272E+00 | .11604E-01 |
| 12 | -.21654E+00 | -.75736E-01 | .13607E-01 |
| 14 | .12533E+00 | .71669E-01 | .20262E-01 |
| 18 | .26230E+00 | .82499E-01 | .13507E-01 |
| 23 | -.10828E+00 | -.38011E-01 | .12362E-01 |
| 26 | .36250E+00 | .25073E+00 | .29644E-01 |

STEP NO. 9
ENTERED VARIABLE 8

F-LEVEL 47.64070
STANDARD ERROR OF Y .08009
MULTIPLE CORRELATION .84614
R-SQUARED .71596
DEGREES OF FREEDOM 359
CONSTANT TERM -3.65384

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .20666E+00 | .20573E-01 | .32544E-02 |
| 7 | .50340E+00 | .26368E+00 | .24220E-01 |
| 8 | .47406E+00 | .31340E+00 | .45406E-01 |
| 9 | .29527E+00 | .92885E-01 | .11011E-01 |
| 12 | -.25050E+00 | -.87611E-01 | .12918E-01 |
| 14 | .70463E-01 | .40294E-01 | .19599E-01 |
| 18 | .94574E-01 | .29745E-01 | .14830E-01 |
| 23 | -.31408E+00 | -.11026E+00 | .15448E-01 |

Table 9. Regression Analysis Results, Stream Sediment
(continued)

26 .19685E+00 .13615E+00 .32458E-01
STEP NO. 10

REMOVED VARIABLE 18

F-LEVEL 4.03436
STANDARD ERROR OF Y .08042
MULTIPLE CORRELATION .84426
R-SQUARED .71277
DEGREES OF FREEDOM 360
CONSTANT TERM -3.90855

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .22123E+00 | .22023E-01 | .31864E-02 |
| 7 | .52020E+00 | .27248E+00 | .24021E-01 |
| 8 | .54506E+00 | .36034E+00 | .39074E-01 |
| 9 | .29364E+00 | .95610E-01 | .10973E-01 |
| 12 | -.26069E+00 | -.91176E-01 | .12848E-01 |
| 14 | .72477E-01 | .41445E-01 | .19673E-01 |
| 23 | -.32792E+00 | -.11511E+00 | .15524E-01 |
| 26 | .20460E+00 | .14152E+00 | .32484E-01 |

STEP NO. 11

REMOVED VARIABLE 14

F-LEVEL 4.45063
STANDARD ERROR OF Y .08080
MULTIPLE CORRELATION .84216
R-SQUARED .70923
DEGREES OF FREEDOM 361
CONSTANT TERM -4.10580

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .21693E+00 | .21596E-01 | .31951E-02 |
| 7 | .53862E+00 | .28213E+00 | .23693E-01 |
| 8 | .58097E+00 | .38408E+00 | .37592E-01 |
| 9 | .29071E+00 | .94657E-01 | .11015E-01 |
| 12 | -.25868E+00 | -.90474E-01 | .12905E-01 |
| 23 | -.34546E+00 | -.12127E+00 | .15318E-01 |
| 26 | .21381E+00 | .14789E+00 | .32496E-01 |

STEP NO. 12

ENTERED VARIABLE 21

F-LEVEL 16.98845
STANDARD ERROR OF Y .07907
MULTIPLE CORRELATION .84990
R-SQUARED .72234
DEGREES OF FREEDOM 360
CONSTANT TERM -3.86538

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .15051E+00 | .14984E-01 | .35141E-02 |
| 7 | .55576E+00 | .29110E+00 | .23287E-01 |
| 8 | .51776E+00 | .34230E+00 | .38158E-01 |
| 9 | .25014E+00 | .81448E-01 | .11246E-01 |
| 12 | -.27893E+00 | -.97555E-01 | .12749E-01 |
| 21 | .19007E+00 | .44193E-01 | .10722E-01 |

Table 9. Regression Analysis Results, Stream Sediment
(continued)

| | | | |
|----|-------------|-------------|------------|
| 23 | -.37515E+00 | -.13170E+00 | .15202E-01 |
| 26 | .22270E+00 | .15404E+00 | .31834E-01 |

STEP NO. 13

ENTERED VARIABLE 27

| | |
|----------------------|----------|
| F-LEVEL | 10.47415 |
| STANDARD ERROR OF Y | .07805 |
| MULTIPLE CORRELATION | .85452 |
| R-SQUARED | .73021 |
| DEGREES OF FREEDOM | 359 |
| CONSTANT TERM | -3.89995 |

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .13593E+00 | .13532E-01 | .34976E-02 |
| 7 | .60616E+00 | .31751E+00 | .24391E-01 |
| 8 | .62803E+00 | .41520E+00 | .43886E-01 |
| 9 | .25157E+00 | .81913E-01 | .11101E-01 |
| 12 | -.27524E+00 | -.96267E-01 | .12587E-01 |
| 21 | .17642E+00 | .41018E-01 | .10629E-01 |
| 23 | -.36768E+00 | -.12907E+00 | .15028E-01 |
| 26 | .21572E+00 | .14920E+00 | .31459E-01 |
| 27 | -.14385E+00 | -.10627E+00 | .32837E-01 |

STEP NO. 14

ENTERED VARIABLE 19

| | |
|----------------------|----------|
| F-LEVEL | 7.11975 |
| STANDARD ERROR OF Y | .07739 |
| MULTIPLE CORRELATION | .85759 |
| R-SQUARED | .73547 |
| DEGREES OF FREEDOM | 358 |
| CONSTANT TERM | -3.88769 |

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .13788E+00 | .13726E-01 | .34690E-02 |
| 7 | .58095E+00 | .30430E+00 | .24687E-01 |
| 8 | .61989E+00 | .40981E+00 | .43564E-01 |
| 9 | .24933E+00 | .81184E-01 | .11011E-01 |
| 12 | -.27541E+00 | -.96324E-01 | .12481E-01 |
| 19 | .90270E-01 | .37933E-01 | .14216E-01 |
| 21 | .15575E+00 | .36212E-01 | .10692E-01 |
| 23 | -.35526E+00 | -.12471E+00 | .14990E-01 |
| 26 | .18013E+00 | .12459E+00 | .32530E-01 |
| 27 | -.13616E+00 | -.10059E+00 | .32630E-01 |

| ANALYSIS OF VARIANCE | | | |
|----------------------|------------|-----|------------|
| TERM | SS | DF | MS |
| TOTAL | .81064E+01 | 368 | |
| REG | .59620E+01 | 10 | .59620E+00 |
| ERR | .21444E+01 | 358 | .59900E-02 |

Table 10. Regression Analysis Results, Lake Sediment
 MULTIPLE REGRESSION ANALYSIS

PROBLEM CHANDLER LAKE LAKE SEDIMENT

OBSERVATIONS 199

PROBLEM CHANDLER LAKE LAKE SEDIMENT

STEPWISE REGRESSION CASE 1

DEPENDENT VARIABLE 3

F-LEVEL TO ENTER 5.00000

F-LEVEL TO REMOVE 5.00000

STANDARD ERROR OF Y .58171
 STEP NO. 1

ENTERED VARIABLE 19

F-LEVEL 304.66652
 STANDARD ERROR OF Y .35971
 MULTIPLE CORRELATION .78719
 R-SQUARED .61966
 DEGREES OF FREEDOM 187
 CONSTANT TERM -.92670

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|------------|------------|------------|
| 19 | .78719E+00 | .78092E+00 | .44740E-01 |
| STEP NO. | 2 | | |

ENTERED VARIABLE 7

F-LEVEL 53.70027
 STANDARD ERROR OF Y .31771
 MULTIPLE CORRELATION .83956
 R-SQUARED .70487
 DEGREES OF FREEDOM 186
 CONSTANT TERM -2.07759

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|------------|------------|------------|
| 7 | .44520E+00 | .40222E+00 | .54888E-01 |
| 19 | .45104E+00 | .44745E+00 | .60269E-01 |
| STEP NO. | 3 | | |

ENTERED VARIABLE 2

F-LEVEL 49.31310
 STANDARD ERROR OF Y .28307
 MULTIPLE CORRELATION .87577
 R-SQUARED .76699
 DEGREES OF FREEDOM 185

Table 10. Regression Analysis Results, Lake Sediment
(continued)

CONSTANT TERM -2.50604

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|------------|------------|------------|
| 2 | .25144E+00 | .11425E+00 | .16269E-01 |
| 7 | .45707E+00 | .41294E+00 | .48926E-01 |
| 19 | .47448E+00 | .47070E+00 | .53800E-01 |

STEP NO. 4

ENTERED VARIABLE 5

| | |
|----------------------|----------|
| F-LEVEL | 12.28527 |
| STANDARD ERROR OF Y | .27481 |
| MULTIPLE CORRELATION | .98406 |
| R-SQUARED | .78157 |
| DEGREES OF FREEDOM | 194 |
| CONSTANT TERM | -1.92527 |

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .24380E+00 | .11078E+00 | .15826E-01 |
| 5 | -.13860E+00 | -.15603E+00 | .44517E-01 |
| 7 | .39115E+00 | .35340E+00 | .50446E-01 |
| 19 | .57542E+00 | .57084E+00 | .59533E-01 |

STEP NO. 5

ENTERED VARIABLE 10

| | |
|----------------------|----------|
| F-LEVEL | 8.61093 |
| STANDARD ERROR OF Y | .26930 |
| MULTIPLE CORRELATION | .88960 |
| R-SQUARED | .79139 |
| DEGREES OF FREEDOM | 183 |
| CONSTANT TERM | -2.16883 |

| VARIABLE | BETA PRIME | BETA | SE(BETA) |
|----------|-------------|-------------|------------|
| 2 | .24099E+00 | .10950E+00 | .15514E-01 |
| 5 | -.12160E+00 | -.13690E+00 | .44108E-01 |
| 7 | .50895E+00 | .45972E+00 | .61291E-01 |
| 10 | -.16627E+00 | -.10069E+00 | .34311E-01 |
| 19 | .59122E+00 | .58651E+00 | .58583E-01 |

ANALYSIS OF VARIANCE

| TERM | SS | DF | MS |
|-------|------------|-----|------------|
| TOTAL | .63616E+02 | 198 | |
| REG | .50345E+02 | 5 | .10069E+02 |
| ERR | .13271E+02 | 183 | .72521E-01 |

CHANDLER LAKE STREAM SEDIMENT FACTOR SCORE 1

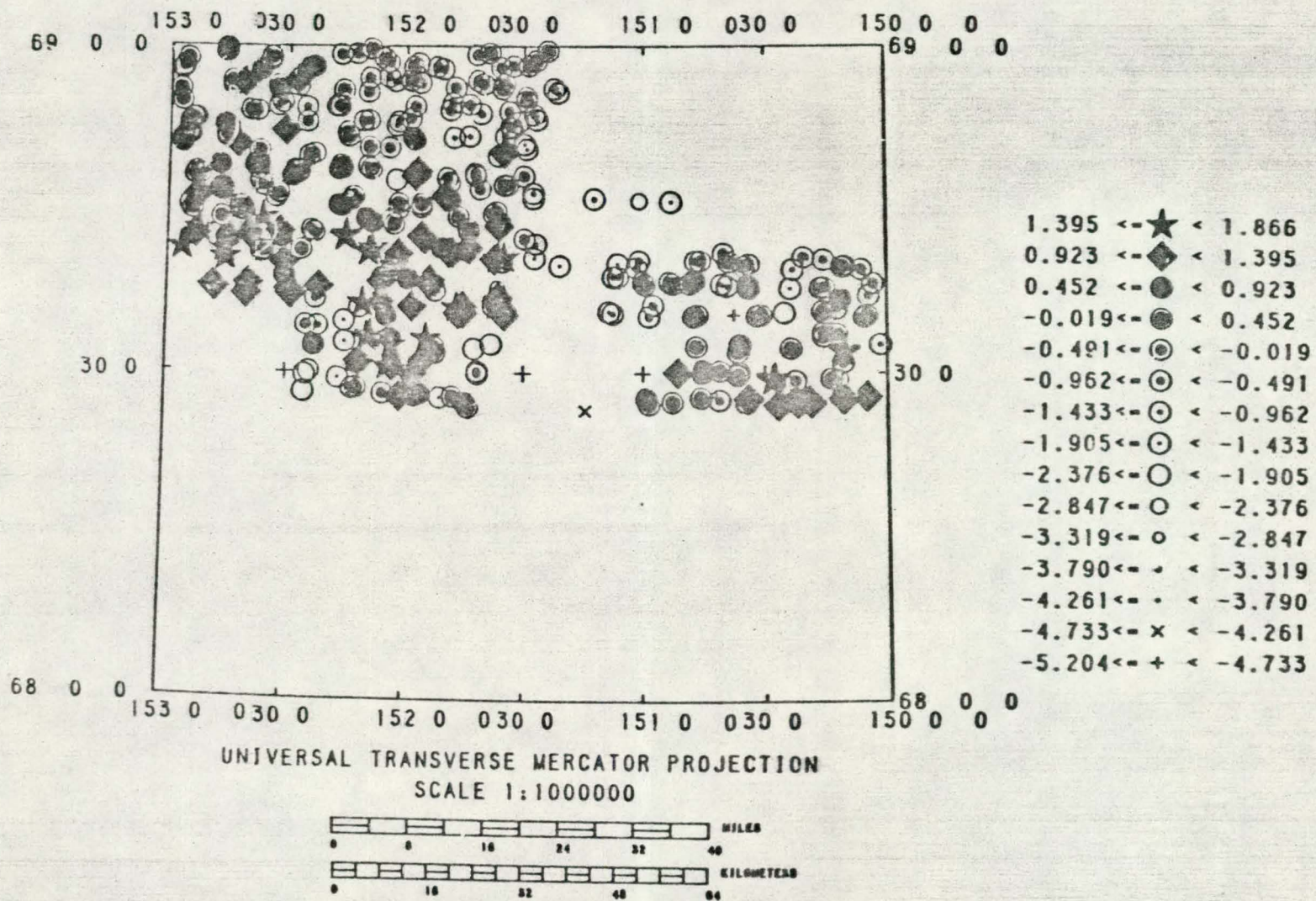


Figure 7. Stream Sediment Factor Score 1

CHANDLER LAKE STREAM SEDIMENT FACTOR SCORE 2

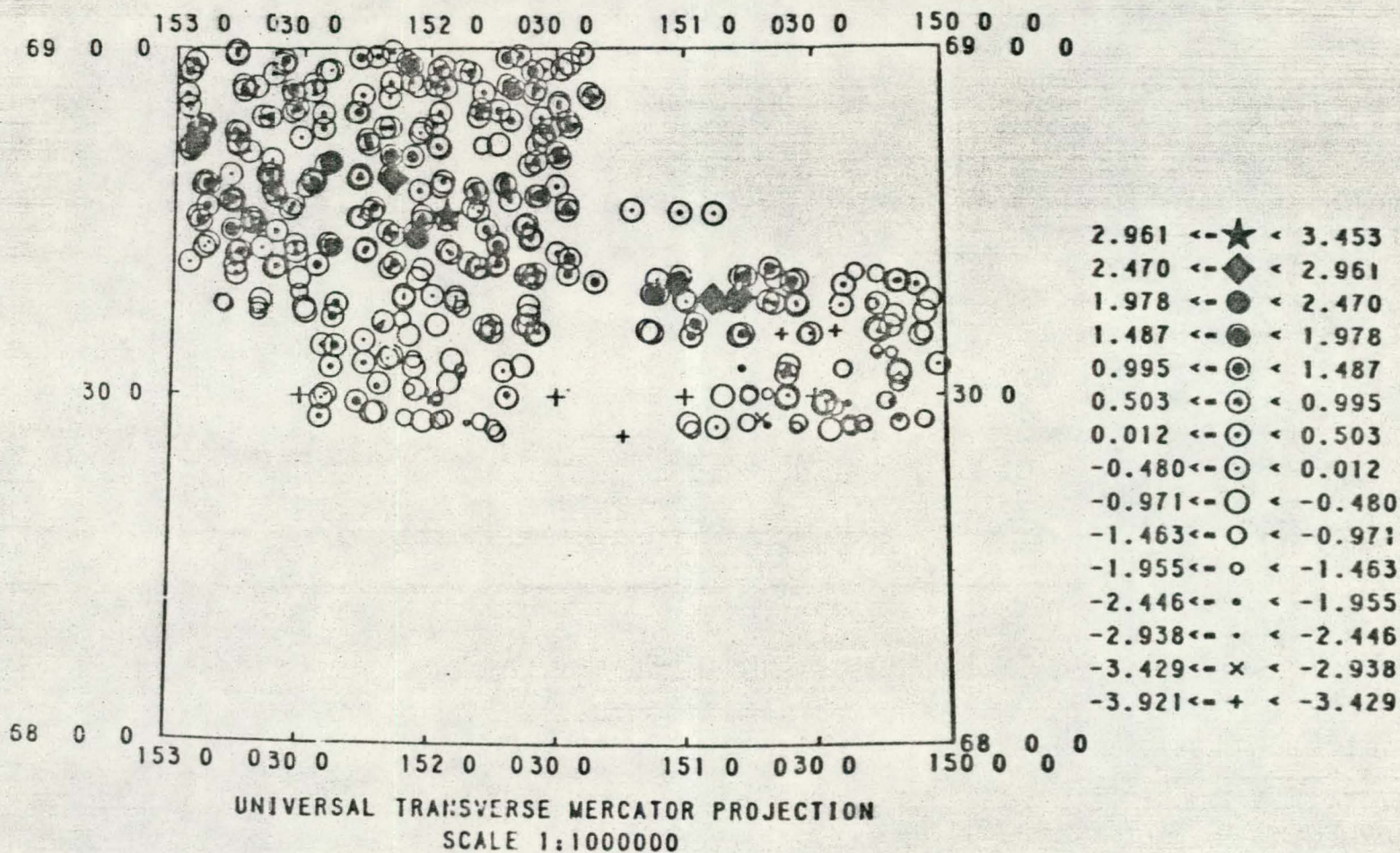


Figure 8. Stream Sediment Factor Score 2

CHANDLER LAKE STREAM SEDIMENT FACTOR SCORE 3

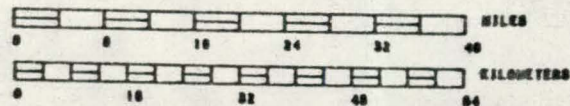
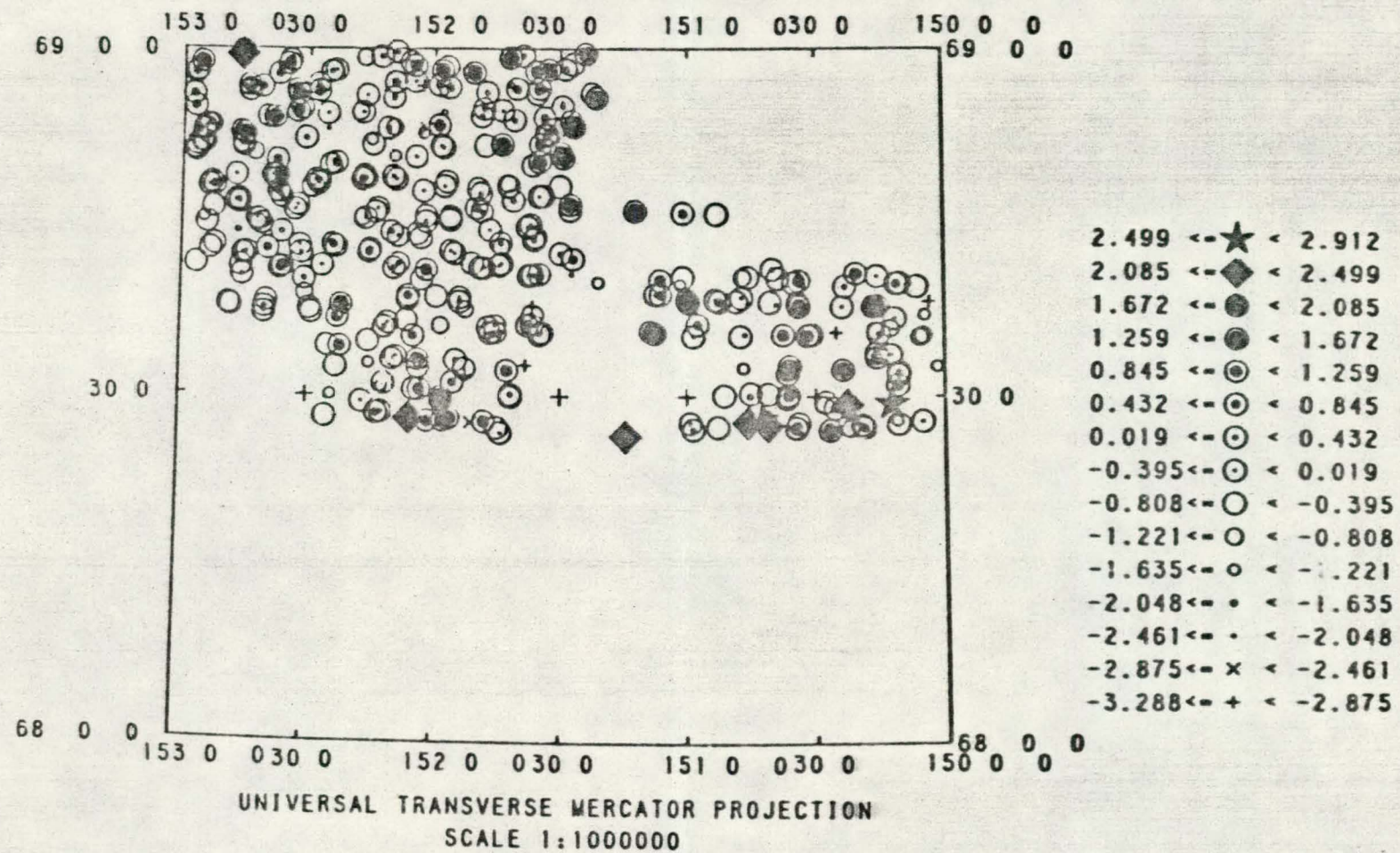


Figure 9. Stream Sediment Factor Score 3

CHANDLER LAKE STREAM SEDIMENT RESIDUALS

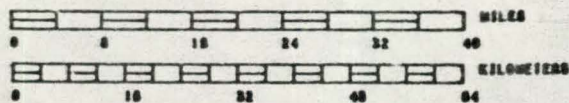
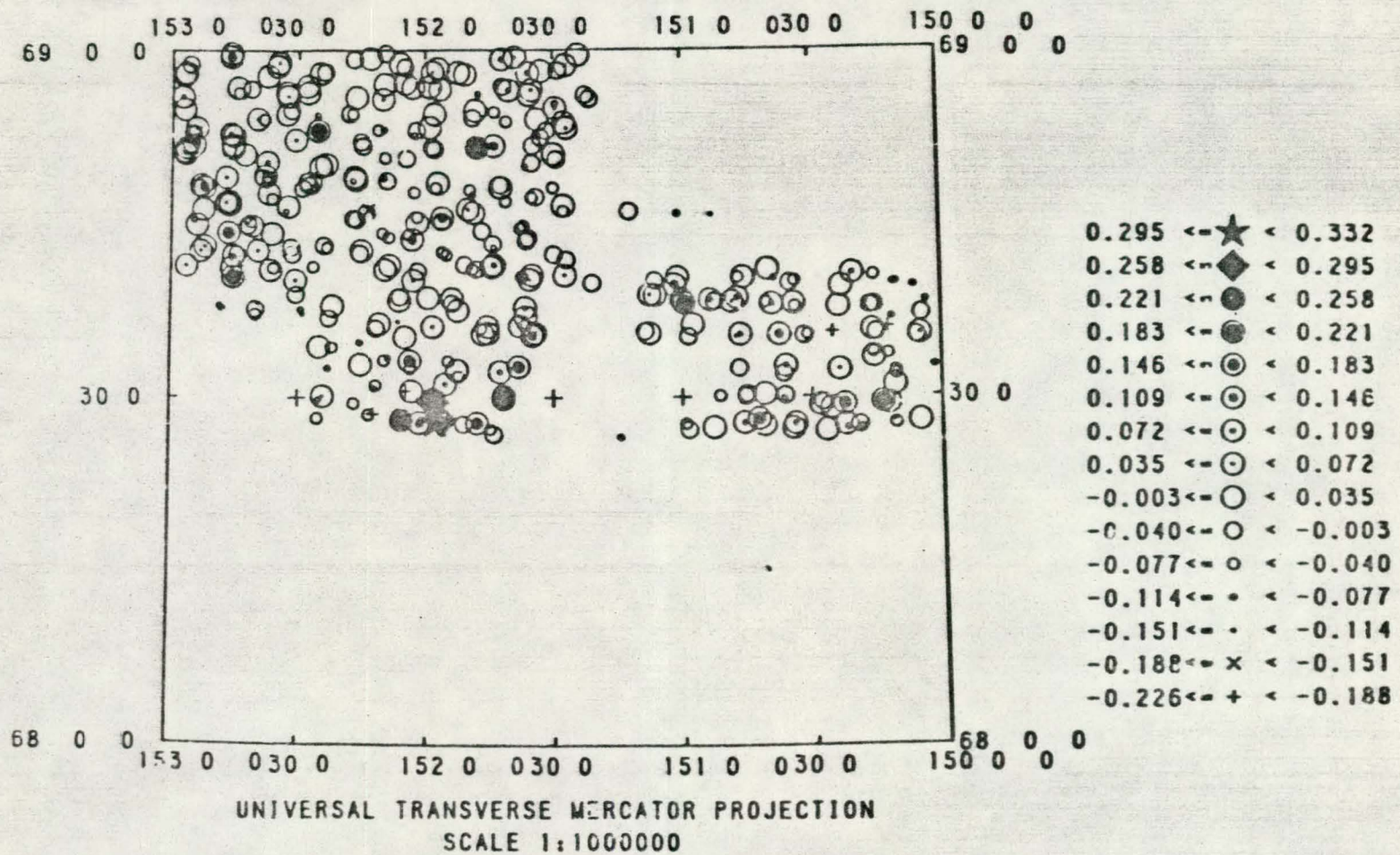


Figure 10. Stream Sediment Residuals

CHANDLER LAKE LAKE SEDIMENT FACTOR SCORE 1

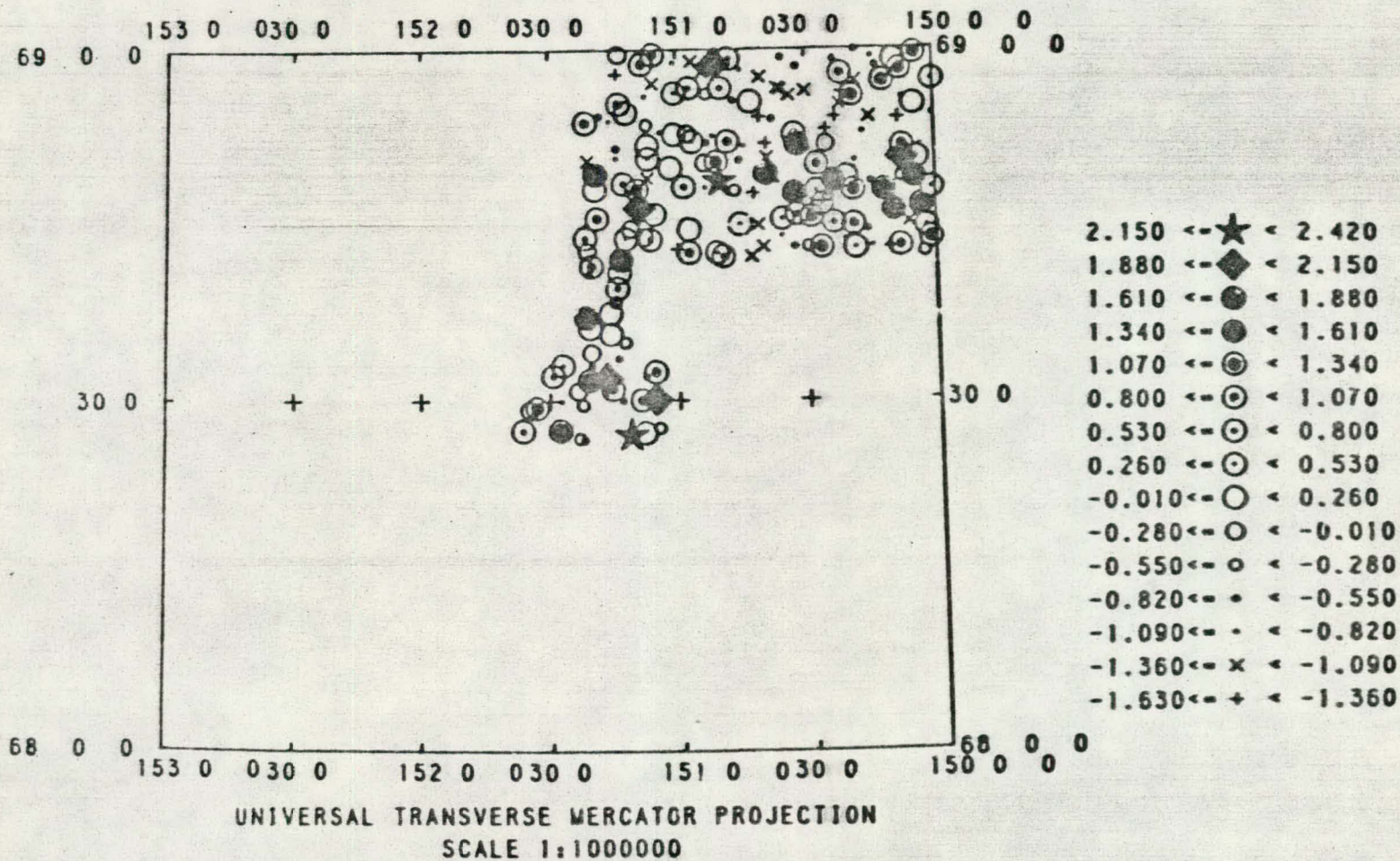
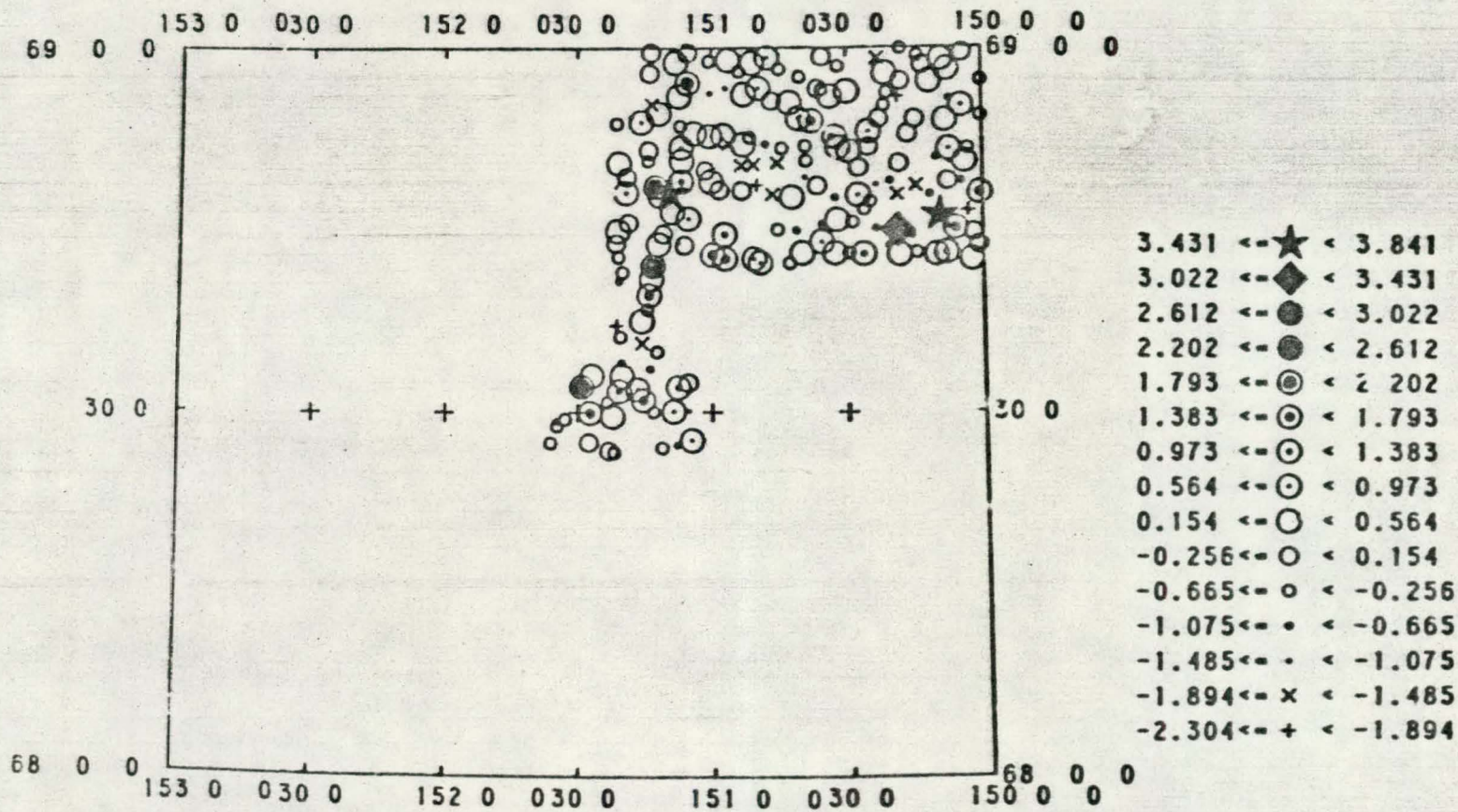


Figure 11. Lake Sediment Factor Score 1

CHANDLER LAKE LAKE SEDIMENT FACTOR SCORE 2



UNIVERSAL TRANSVERSE MERCATOR PROJECTION
SCALE 1:1000000

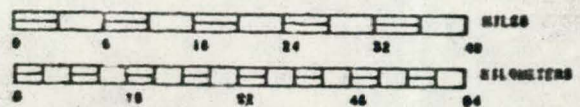
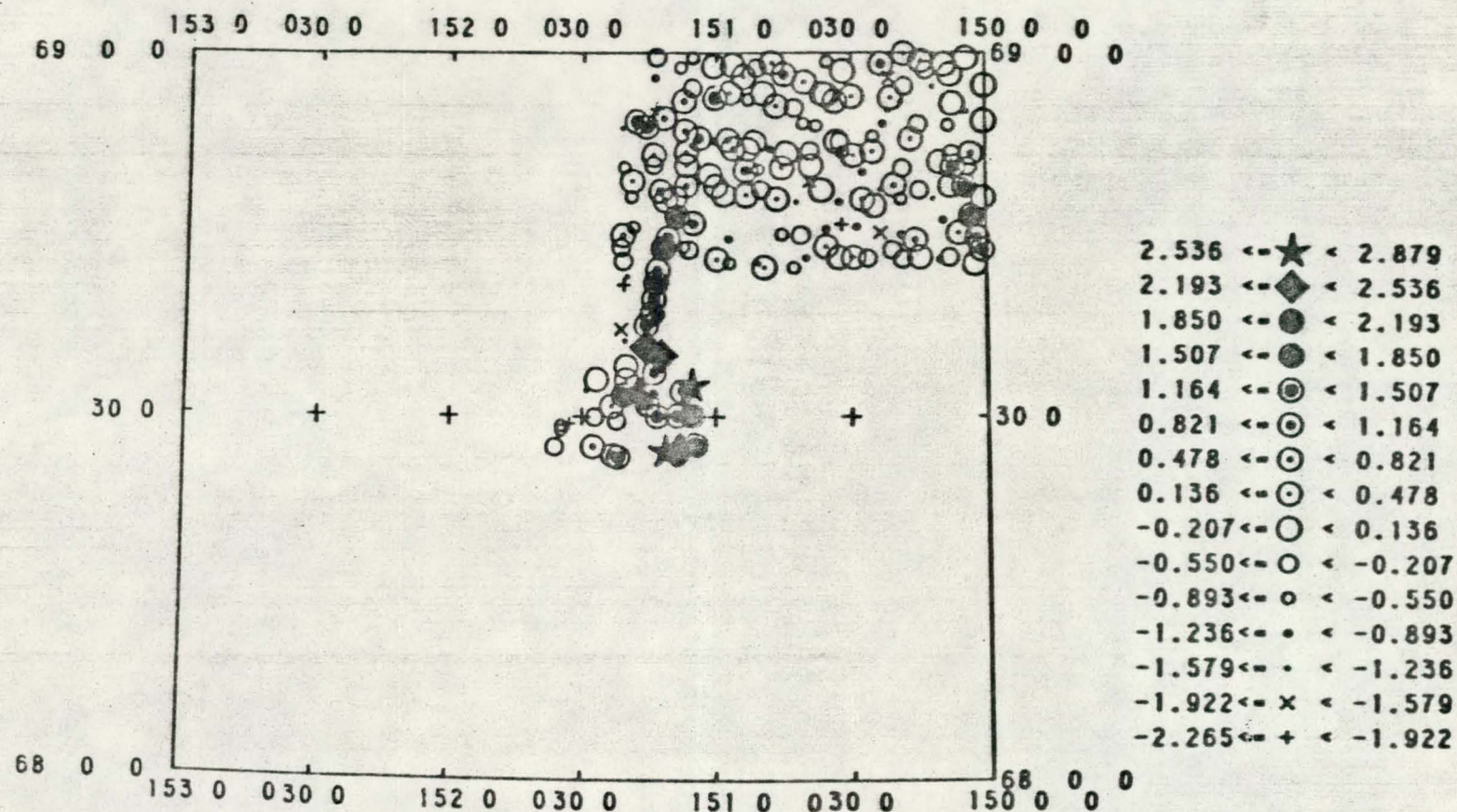


Figure 12 Lake Sediment Factor Score 2

CHANDLER LAKE LAKE SEDIMENT FACTOR SCORE 3



UNIVERSAL TRANSVERSE MERCATOR PROJECTION
SCALE 1:1000000

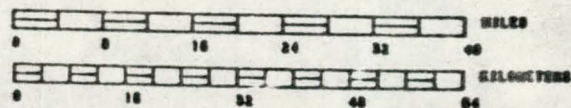
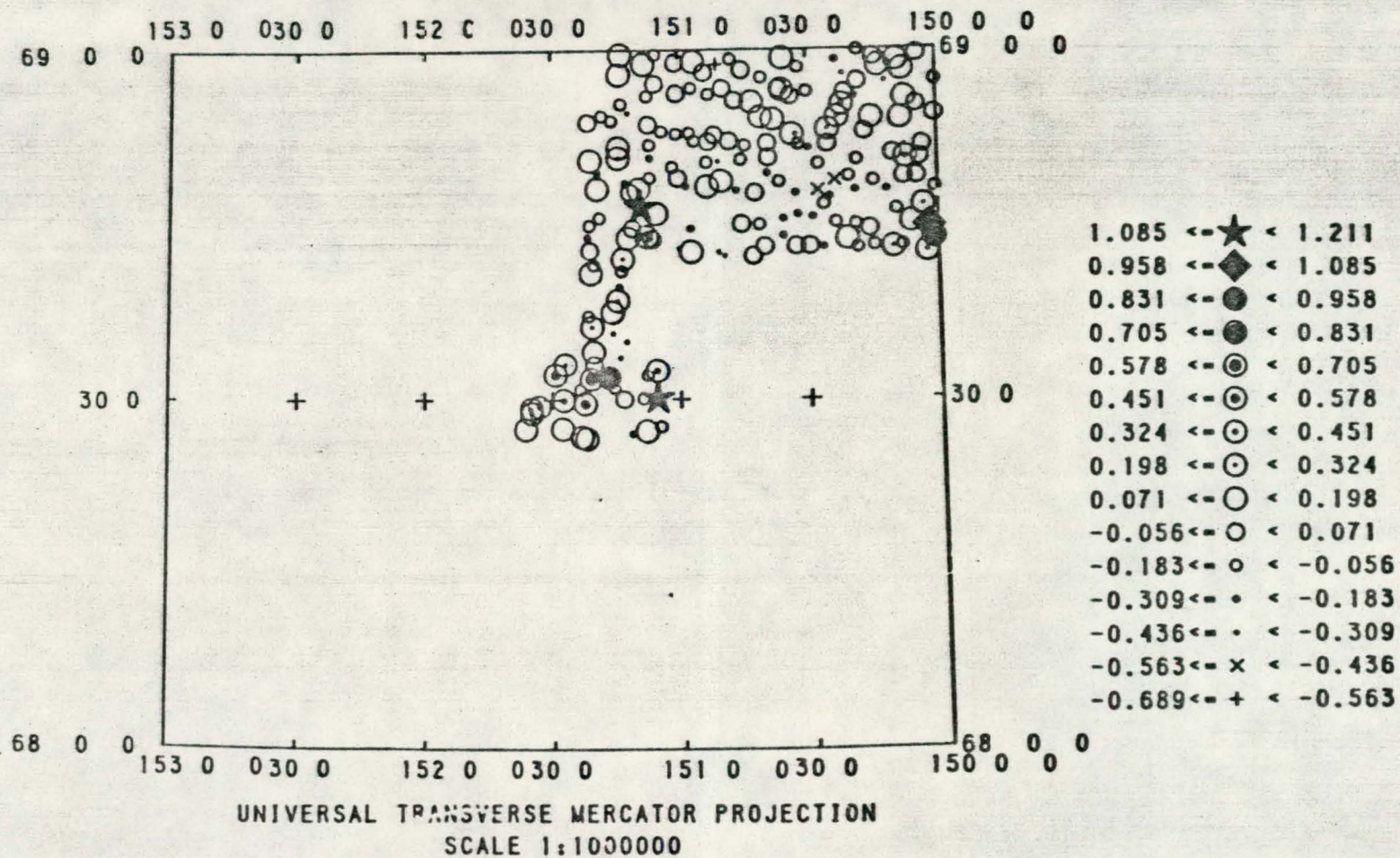


Figure 13. Lake Sediment Factor Score 3

CHANDLER LAKE LAKE SEDIMENT RESIDUALS



36

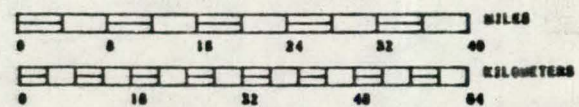


Figure 14. Lake Sediment Residuals

REFERENCES

- Arendt, J. W., 1981, Hydrogeochemical and Stream Sediment Reconnaissance Basic Data for Chandler Lake Quadrangle, Alaska: U.S. Department of Energy Open-File Report GJBX-155(81).
- Planner, H. N., Apel, C. T., Fuka, M. A., George, W. E., Hansel, J. M., Hensley, W. K., and Pirtle, J., 1981, Uranium Hydrogeochemical and Stream Sediment Reconnaissance Data Release for the Leadville NTMS Quadrangle, Colorado, Including Concentrations of Forty-two Additional Elements: U.S. Department of Energy Open-File Report GJBX-13(81).
- Shettel, D. L., Jr., D'Andrea, R. F., Jr., and Zinkl, R. J., 1980, FACEDT: A FORTRAN Program to Process Hydrogeochemical and Stream Sediment Reconnaissance Data for Multivariate Statistical Analysis: U.S. Department of Energy Open-File Report (JBX-246(80)).
- Zinkl, R. J., D'Andrea, R. F., Jr., and Shettel, D. L., Jr., 1981a, FORTRAN Computer Programs to Read, Sort, and Edit Los Alamos Hydrogeochemical Data: U.S. Department of Energy Open-File Report GJBX-11(81).
- 1981b, Symbolic Plotting of Geochemical Exploration Data: U.S. Department of Energy Open-File Report (in preparation).

Appendix A. Stream Sediment Data

CHANDLER LAKE STREAM SEDIMENT

PG. ONE - SAMPLE SET 1

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | URANIUM PPM | SILVER PPM | BISMUTH PPM | CADMIUM PPM | COPPER PPM | NIOBIUM PPM | NICKEL PPM | LEAD PPM | TIN PPM | TUNGSTEN PPM |
|------------|---------|----------|----|-------|--------|-------------|------------|-------------|-------------|------------|-------------|------------|----------|---------|--------------|
| 462701 | 68.9800 | 152.9289 | 6. | 8.0 | 9. | 3.02 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 33.00 | 9.00 | -10.00 | -15.00 |
| 462702 | 68.9683 | 152.9447 | 6. | 11.0 | 2. | 2.70 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 39.00 | 6.00 | -10.00 | -15.00 |
| 462703 | 68.9650 | 152.9522 | 6. | 7.0 | 6. | 2.26 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 462704 | 68.9336 | 152.9575 | 6. | 5.0 | 6. | 2.96 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 42.00 | -5.00 | -10.00 | -15.00 |
| 462705 | 68.9158 | 152.9511 | 6. | 9.0 | 12. | 3.00 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 46.00 | 6.00 | -10.00 | -15.00 |
| 462706 | 68.8889 | 152.9019 | 6. | 8.0 | 12. | 2.64 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 47.00 | 5.00 | -10.00 | -15.00 |
| 462707 | 68.8900 | 152.8900 | 6. | 10.0 | 10. | 1.66 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 462708 | 68.8842 | 152.9125 | 6. | 8.0 | 8. | 2.07 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 35.00 | 8.00 | -10.00 | -15.00 |
| 462709 | 68.8817 | 152.9169 | 6. | 8.0 | 8. | 2.73 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 37.00 | 5.00 | -10.00 | -15.00 |
| 462710 | 68.8650 | 152.9125 | 6. | 7.0 | 4. | 3.07 | -5.00 | -5.00 | -5.00 | 11.00 | -20.00 | 19.00 | -5.00 | -10.00 | -15.00 |
| 462711 | 68.8658 | 152.9236 | 6. | 8.0 | 6. | 2.51 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 31.00 | 9.00 | -10.00 | -15.00 |
| 462712 | 68.8608 | 152.9428 | 6. | 9.0 | 8. | 2.68 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 34.00 | 5.00 | -10.00 | -15.00 |
| 462713 | 68.8550 | 152.9486 | 6. | 7.0 | 4. | 2.72 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 41.00 | 9.00 | -10.00 | -15.00 |
| 462714 | 68.8522 | 152.9444 | 6. | 9.0 | 12. | 3.08 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 46.00 | 10.00 | -10.00 | 16.00 |
| 462715 | 68.8075 | 152.8894 | 6. | 10.0 | 4. | 2.18 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 39.00 | 9.00 | -10.00 | -15.00 |
| 462716 | 68.8033 | 152.8892 | 6. | 7.0 | 8. | 3.17 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 46.00 | 11.00 | -10.00 | -15.00 |
| 462717 | 68.8075 | 152.8806 | 6. | 16.0 | 16. | 2.69 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 73.00 | -5.00 | -10.00 | -15.00 |
| 462718 | 68.7719 | 152.8728 | 6. | 11.0 | 6. | 3.05 | -5.00 | -5.00 | -5.00 | 42.00 | -20.00 | 79.00 | 5.00 | -10.00 | -15.00 |
| 462719 | 68.7569 | 152.9092 | 6. | 16.0 | 6. | 2.08 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 80.00 | 7.00 | -10.00 | -15.00 |
| 462720 | 68.7500 | 152.8975 | 6. | 9.0 | 12. | 2.65 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 73.00 | -5.00 | -10.00 | -15.00 |
| 462721 | 68.7119 | 152.8817 | 6. | 22.0 | 2. | 2.62 | -5.00 | -5.00 | -5.00 | 47.00 | -20.00 | 71.00 | 11.00 | -10.00 | -15.00 |
| 462722 | 68.7183 | 152.8658 | 6. | 47.0 | 8. | 2.90 | -5.00 | -5.00 | -5.00 | 46.00 | -20.00 | 47.00 | 8.00 | -10.00 | -15.00 |
| 462723 | 68.6906 | 152.9378 | 6. | 20.0 | 5. | 3.17 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 62.00 | 6.00 | -10.00 | -15.00 |
| 462724 | 68.6333 | 152.8053 | 6. | 27.0 | 4. | 2.22 | -5.00 | -5.00 | -5.00 | 64.00 | -20.00 | 53.00 | -5.00 | -10.00 | -15.00 |
| 462725 | 68.6306 | 152.7981 | 6. | 49.0 | 6. | 2.26 | -5.00 | -5.00 | -5.00 | 54.00 | -20.00 | 60.00 | 9.00 | -10.00 | -15.00 |
| 462726 | 68.6747 | 152.7544 | 7. | 22.0 | 12. | 3.80 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 66.00 | 10.00 | -10.00 | -15.00 |
| 462727 | 68.6875 | 152.7603 | 7. | 45.0 | 10. | 3.04 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 88.00 | 7.00 | -10.00 | -15.00 |
| 462728 | 68.7486 | 152.6967 | 7. | 7.0 | 6. | 2.26 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 52.00 | -5.00 | -10.00 | -15.00 |
| 462729 | 68.7481 | 152.6803 | 6. | 7.0 | 4. | 2.71 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 51.00 | -5.00 | -10.00 | -15.00 |
| 462730 | 68.7558 | 152.6901 | 6. | 18.0 | 6. | 2.28 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 46.00 | 7.00 | -10.00 | -15.00 |
| 462731 | 68.7539 | 152.6878 | 6. | 12.0 | 2. | 2.36 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 59.00 | -5.00 | -10.00 | -15.00 |
| 462732 | 68.8178 | 152.7828 | 6. | 12.0 | 8. | 2.74 | -5.00 | -5.00 | -5.00 | 46.00 | -20.00 | 61.00 | 5.00 | -10.00 | -15.00 |
| 462733 | 68.8508 | 152.7103 | 6. | 10.0 | 2. | 2.83 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 59.00 | -5.00 | -10.00 | -15.00 |
| 462734 | 68.9019 | 152.6597 | 6. | 17.0 | 2. | 3.16 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 45.00 | 7.00 | -10.00 | -15.00 |
| 462735 | 68.9011 | 152.6336 | 6. | 17.0 | 4. | 2.76 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 35.00 | 7.00 | -10.00 | -15.00 |
| 462736 | 68.8400 | 152.6211 | 7. | 15.0 | 4. | 3.13 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 41.00 | 9.00 | -10.00 | -15.00 |
| 462737 | 68.8186 | 152.6194 | 7. | 11.0 | 6. | 2.74 | -5.00 | -5.00 | -5.00 | 40.00 | -20.00 | 42.00 | 9.00 | -10.00 | -15.00 |
| 462738 | 68.8181 | 152.6375 | 6. | 9.0 | 6. | 2.56 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 48.00 | -5.00 | -10.00 | -15.00 |
| 462739 | 68.7944 | 152.6144 | 6. | 8.0 | 2. | 2.37 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 462740 | 68.7869 | 152.6014 | 6. | 7.0 | 2. | 2.44 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 41.00 | 5.00 | -10.00 | -15.00 |
| 462741 | 68.7369 | 152.6000 | 6. | 70.0 | 12. | 3.02 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 110.00 | 9.00 | -10.00 | -15.00 |
| 462742 | 68.6872 | 152.5956 | 6. | 8.0 | 2. | 2.53 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 41.00 | -5.00 | -10.00 | -15.00 |
| 462743 | 68.6375 | 152.6583 | 6. | 252.0 | 6. | 2.86 | -5.00 | 5.00 | -5.00 | 62.00 | -20.00 | 67.00 | 13.00 | -10.00 | 20.00 |
| 462744 | 68.6275 | 152.4878 | 7. | 35.0 | 4. | 2.33 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 53.00 | -5.00 | -10.00 | -15.00 |
| 462745 | 68.6211 | 152.4811 | 7. | 44.0 | 4. | 2.33 | -5.00 | -5.00 | -5.00 | 49.00 | -20.00 | 61.00 | -5.00 | -10.00 | -15.00 |
| 462746 | 68.6492 | 152.5072 | 7. | 11.0 | 8. | 2.35 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 49.00 | -5.00 | -10.00 | -15.00 |
| 462747 | 68.6697 | 152.5094 | 7. | 43.0 | 4. | 3.04 | -5.00 | -5.00 | -5.00 | 51.00 | -20.00 | 70.00 | 5.00 | -10.00 | -15.00 |
| 462748 | 68.7077 | 152.5217 | 7. | 47.0 | 14. | 2.76 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 64.00 | -5.00 | -10.00 | -15.00 |
| 462749 | 68.7175 | 152.5269 | 7. | 78.0 | 12. | 2.73 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 70.00 | 5.00 | -10.00 | -15.00 |
| 462750 | 68.7684 | 152.5481 | 7. | 25.0 | 10. | 1.99 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 41.00 | -5.00 | -10.00 | -15.00 |

CHANDLER LAKE STREAM SEDIMENT

PG. TWO - SAMPLE SFT 1

| SAMPLE NO. | AS PPM | SF PPM | ZR PPM | MO PPM | RE PPM | LI PPM | AL PPM | AU PPM | BA PPM | CA PPM | CE PPM | CL PPM | CR PPM |
|------------|--------|--------|--------|----------|----------|----------|----------|--------|--------|-----------|--------|---------|--------|
| 462701 | 9.00 | -5.00 | 174.00 | -9999.00 | -9999.00 | -9999.00 | 62860.00 | -0.09 | 641.00 | -1221.00 | 52.00 | -108.00 | 13.10 |
| 462702 | 11.00 | -5.00 | 155.00 | -9999.00 | -9999.00 | -9999.00 | 52480.00 | -0.04 | 752.00 | -871.00 | 63.00 | -74.00 | 15.40 |
| 462703 | 7.00 | -5.00 | 190.00 | -9999.00 | -9999.00 | -9999.00 | 34170.00 | -0.04 | 386.00 | -507.00 | 58.00 | -49.00 | 9.20 |
| 462704 | 17.00 | -5.00 | 170.00 | -9999.00 | -9999.00 | -9999.00 | 60240.00 | -0.03 | 669.00 | -2727.00 | 50.00 | -80.00 | 14.20 |
| 462705 | 13.00 | -5.00 | 178.00 | -9999.00 | -9999.00 | -9999.00 | 61930.00 | -0.08 | 693.00 | -1663.00 | 54.00 | -103.00 | 14.40 |
| 462706 | 14.00 | -5.00 | 201.00 | -9999.00 | -9999.00 | -9999.00 | 48660.00 | -0.04 | 431.00 | -988.00 | 66.00 | -78.00 | 15.90 |
| 462707 | 9.00 | -5.00 | 111.00 | -9999.00 | -9999.00 | -9999.00 | 36010.00 | -0.04 | 370.00 | -629.00 | 46.00 | -68.00 | 11.50 |
| 462708 | 7.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 44060.00 | -0.02 | 530.00 | -591.00 | 48.00 | -65.00 | 11.50 |
| 462709 | 14.00 | -5.00 | 176.00 | -9999.00 | -9999.00 | -9999.00 | 57050.00 | -0.06 | 538.00 | -2502.00 | 59.00 | -94.00 | 16.90 |
| 462710 | 11.00 | -5.00 | 377.00 | -9999.00 | -9999.00 | -9999.00 | 45250.00 | -0.04 | 556.00 | -854.00 | 78.00 | -79.00 | 10.20 |
| 462711 | 12.00 | -5.00 | 178.00 | -9999.00 | -9999.00 | -9999.00 | 48010.00 | -0.06 | 530.00 | -741.00 | 65.00 | -74.00 | 13.60 |
| 462712 | 15.00 | -5.00 | 303.00 | -9999.00 | -9999.00 | -9999.00 | 48340.00 | -0.03 | 475.00 | -1071.00 | 64.00 | -103.00 | 15.40 |
| 462713 | 10.00 | -5.00 | 196.00 | -9999.00 | -9999.00 | -9999.00 | 47930.00 | -0.06 | 509.00 | -840.00 | 45.00 | -74.00 | 11.90 |
| 462714 | 15.00 | -5.00 | 228.00 | -9999.00 | -9999.00 | -9999.00 | 60180.00 | -0.06 | 583.00 | -884.00 | 75.00 | -80.00 | 17.60 |
| 462715 | 12.00 | -5.00 | 144.00 | -9999.00 | -9999.00 | -9999.00 | 45940.00 | -0.05 | 451.00 | -731.00 | 56.00 | -73.00 | 15.70 |
| 462716 | 9.00 | -5.00 | 264.00 | -9999.00 | -9999.00 | -9999.00 | 53660.00 | -0.03 | 682.00 | -818.00 | 65.00 | -71.00 | 15.50 |
| 462717 | 21.00 | -5.00 | 162.00 | -9999.00 | -9999.00 | -9999.00 | 56640.00 | -0.06 | 476.00 | -789.00 | 66.00 | -76.00 | 15.90 |
| 462718 | 18.00 | -5.00 | 188.00 | -9999.00 | -9999.00 | -9999.00 | 67880.00 | -0.06 | 543.00 | -927.00 | 68.00 | -91.00 | 20.80 |
| 462719 | 17.00 | -5.00 | 134.00 | -9999.00 | -9999.00 | -9999.00 | 46490.00 | -0.06 | 576.00 | -775.00 | 54.00 | -75.00 | 18.70 |
| 462720 | 12.00 | -5.00 | 208.00 | -9999.00 | -9999.00 | -9999.00 | 53630.00 | -0.03 | 600.00 | -1046.00 | 58.00 | -99.00 | 20.50 |
| 462721 | 25.00 | -5.00 | 139.00 | -9999.00 | -9999.00 | -9999.00 | 63950.00 | -0.06 | 541.00 | -16930.00 | 52.00 | -111.00 | 22.70 |
| 462722 | 22.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 71300.00 | -0.06 | 659.00 | -7111.00 | 78.00 | -118.00 | 22.50 |
| 462723 | 27.00 | -5.00 | 143.00 | -9999.00 | -9999.00 | -9999.00 | 79220.00 | -0.07 | 656.00 | -8184.00 | 75.00 | -144.00 | 22.90 |
| 462724 | 27.00 | -5.00 | 134.00 | -9999.00 | -9999.00 | -9999.00 | 65270.00 | -0.03 | 998.00 | -12150.00 | 45.00 | -119.00 | 21.30 |
| 462725 | 20.00 | -5.00 | 137.00 | -9999.00 | -9999.00 | -9999.00 | 69460.00 | -0.06 | 780.00 | -11040.00 | 48.00 | -125.00 | 24.50 |
| 462726 | 31.00 | -5.00 | 155.00 | -9999.00 | -9999.00 | -9999.00 | 75550.00 | -0.06 | 750.00 | -5365.00 | 62.00 | -109.00 | 18.30 |
| 462727 | 27.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 76190.00 | -0.08 | 553.00 | -5659.00 | 71.00 | -113.00 | 22.10 |
| 462728 | 10.00 | -5.00 | 197.00 | -9999.00 | -9999.00 | -9999.00 | 45380.00 | -0.03 | 532.00 | -892.00 | 43.00 | -92.00 | 22.60 |
| 462729 | 12.00 | -5.00 | 275.00 | -9999.00 | -9999.00 | -9999.00 | 51420.00 | -0.06 | 532.00 | -2393.00 | 66.00 | -90.00 | 20.90 |
| 462730 | 10.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 52280.00 | -0.04 | 522.00 | -608.00 | 62.00 | -62.00 | 15.00 |
| 462731 | 16.00 | -5.00 | 153.00 | -9999.00 | -9999.00 | -9999.00 | 55490.00 | -0.06 | 460.00 | -813.00 | 66.00 | -74.00 | 17.50 |
| 462732 | 20.00 | -5.00 | 159.00 | -9999.00 | -9999.00 | -9999.00 | 64850.00 | -0.03 | 729.00 | -5013.00 | 45.00 | -108.00 | 17.80 |
| 462733 | 25.00 | -5.00 | 150.00 | -9999.00 | -9999.00 | -9999.00 | 66810.00 | -0.09 | 630.00 | -1405.00 | 70.00 | -124.00 | 37.10 |
| 462734 | 21.00 | -5.00 | 171.00 | -9999.00 | -9999.00 | -9999.00 | 62570.00 | -0.06 | 585.00 | -859.00 | 74.00 | -87.00 | 32.00 |
| 462735 | 8.00 | -5.00 | 211.00 | -9999.00 | -9999.00 | -9999.00 | 56740.00 | -0.06 | 649.00 | -6897.00 | 62.00 | -85.00 | 12.80 |
| 462736 | 16.00 | -5.00 | 160.00 | -9999.00 | -9999.00 | -9999.00 | 66400.00 | -0.03 | 768.00 | -3359.00 | 47.00 | -83.00 | 12.60 |
| 462737 | 18.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 62690.00 | -0.07 | 842.00 | -753.00 | 66.00 | -85.00 | 15.10 |
| 462738 | 12.00 | -5.00 | 165.00 | -9999.00 | -9999.00 | -9999.00 | 55910.00 | -0.07 | 537.00 | -923.00 | 54.00 | -101.00 | 16.30 |
| 462739 | 10.00 | -5.00 | 234.00 | -9999.00 | -9999.00 | -9999.00 | 41210.00 | -0.02 | 454.00 | -513.00 | 53.00 | -57.00 | 8.00 |
| 462740 | 7.00 | -5.00 | 190.00 | -9999.00 | -9999.00 | -9999.00 | 48210.00 | -0.05 | 533.00 | -785.00 | 58.00 | -69.00 | 16.40 |
| 462741 | 16.00 | -5.00 | 166.00 | -9999.00 | -9999.00 | -9999.00 | 69030.00 | -0.06 | 891.00 | -12460.00 | 70.00 | -98.00 | 20.10 |
| 462742 | 10.00 | -5.00 | 129.00 | -9999.00 | -9999.00 | -9999.00 | 65580.00 | -0.09 | 615.00 | -1279.00 | 56.00 | -124.00 | 11.00 |
| 462743 | 38.00 | -5.00 | 177.00 | -9999.00 | -9999.00 | -9999.00 | 69960.00 | -0.04 | 932.00 | -7700.00 | 62.00 | -122.00 | 24.00 |
| 462744 | 19.00 | -5.00 | 163.00 | -9999.00 | -9999.00 | -9999.00 | 66950.00 | -0.07 | 876.00 | -5557.00 | 43.00 | -116.00 | 21.00 |
| 462745 | 16.00 | -5.00 | 167.00 | -9999.00 | -9999.00 | -9999.00 | 67450.00 | -0.05 | 914.00 | -7650.00 | 47.00 | -123.00 | 20.30 |
| 462746 | 15.00 | -5.00 | 136.00 | -9999.00 | -9999.00 | -9999.00 | 62340.00 | -0.08 | 801.00 | -6158.00 | 52.00 | -152.00 | 25.30 |
| 462747 | 26.00 | -5.00 | 153.00 | -9999.00 | -9999.00 | -9999.00 | 72660.00 | -0.04 | 894.00 | -8270.00 | 54.00 | -137.00 | 19.40 |
| 462748 | 20.00 | -5.00 | 175.00 | -9999.00 | -9999.00 | -9999.00 | 65550.00 | -0.06 | 591.00 | -16480.00 | 69.00 | -99.00 | 17.80 |
| 462749 | 17.00 | -5.00 | 160.00 | -9999.00 | -9999.00 | -9999.00 | 64300.00 | -0.05 | 603.00 | -20480.00 | 56.00 | -94.00 | 18.70 |
| 462750 | 12.00 | -5.00 | 142.00 | -9999.00 | -9999.00 | -9999.00 | 48860.00 | -0.05 | 387.00 | -789.00 | 60.00 | -72.00 | 13.80 |

04

CHANDLER LAKE STREAM SEDIMENT

PC. THREE - SAMPLE SET 1

| SAMPLE NO. | CR PPM | CS PPM | UY PPM | EU PPM | FE PPM | HF PPM | M PPM | LA PPM | LU PPM | WC PPM | ZN PPM | NA PPM | FP PPM |
|------------|--------|--------|--------|--------|----------|--------|----------|--------|--------|----------|---------|----------|--------|
| 462701 | 90.00 | 5.70 | 5.00 | 1.50 | 25280.00 | 6.20 | 15850.00 | 32.00 | .40 | 5914.00 | 235.00 | 7463.00 | -64.00 |
| 462702 | 103.00 | 4.20 | 5.00 | 1.20 | 34390.00 | 5.80 | 10360.00 | 26.00 | .30 | 3826.00 | 594.00 | 5390.00 | -21.00 |
| 462703 | 154.00 | -1.50 | 4.00 | 1.10 | 19150.00 | 7.90 | 6992.00 | 23.00 | .30 | 2632.00 | 298.00 | 2437.00 | -27.00 |
| 462704 | 117.00 | 3.90 | 5.00 | .90 | 35560.00 | 5.50 | 14240.00 | 27.00 | .30 | 7024.00 | 492.00 | 7361.00 | 38.00 |
| 462705 | 96.00 | 5.30 | 6.00 | 1.70 | 43940.00 | 7.10 | 14490.00 | 33.00 | .40 | 6452.00 | 303.00 | 7814.00 | -14.00 |
| 462706 | 181.00 | 3.50 | 5.00 | 1.10 | 32290.00 | 7.70 | 10700.00 | 27.00 | .30 | 4797.00 | 564.00 | 6440.00 | -32.00 |
| 462707 | 87.00 | 2.50 | 4.00 | .70 | 22860.00 | 4.60 | 7356.00 | 21.00 | .20 | 2607.00 | 347.00 | 5814.00 | -29.00 |
| 462708 | 133.00 | 2.60 | 4.00 | .90 | 28030.00 | 4.40 | 8347.00 | 22.00 | .30 | 3418.00 | 419.00 | 5891.00 | 42.00 |
| 462709 | 115.00 | 3.00 | 5.00 | .90 | 32720.00 | 7.70 | 9495.00 | 31.00 | .30 | 6528.00 | 877.00 | 7133.00 | -47.00 |
| 462710 | 285.00 | -1.50 | 6.00 | 1.10 | 26270.00 | 14.90 | 8276.00 | 35.00 | .40 | 4428.00 | 311.00 | 7530.00 | -31.00 |
| 462711 | 146.00 | -2.10 | 5.00 | 1.20 | 36900.00 | 6.40 | 9997.00 | 31.00 | .30 | 3512.60 | 444.00 | 5802.00 | -39.00 |
| 462712 | 276.00 | 2.60 | 5.00 | 1.00 | 31290.00 | 11.00 | 10520.00 | 26.00 | .40 | 4780.00 | 989.00 | 8007.00 | -27.00 |
| 462713 | 254.00 | -2.10 | 5.00 | 1.40 | 33110.00 | 7.20 | 8160.00 | 30.00 | .30 | 3573.00 | 377.00 | 5409.00 | -43.00 |
| 462714 | 285.00 | 4.30 | 6.00 | 1.30 | 37390.00 | 9.30 | 12740.00 | 30.00 | .30 | 4188.00 | 355.00 | 5458.00 | 84.00 |
| 462715 | 157.00 | 3.70 | 4.00 | .90 | 32660.00 | 6.30 | 8190.00 | 22.00 | .30 | 3985.00 | 542.00 | 5349.00 | -34.00 |
| 462716 | 393.00 | 4.10 | 7.00 | 1.30 | 31180.00 | 9.00 | 8535.00 | 31.00 | .40 | 4437.00 | 298.00 | 4622.00 | 55.00 |
| 462717 | 224.00 | 3.50 | 5.00 | 1.40 | 41980.00 | 5.80 | 17680.00 | 27.00 | .20 | 5143.00 | 566.00 | 5143.00 | -45.00 |
| 462718 | 264.00 | 4.40 | 6.00 | 1.80 | 43610.00 | 6.80 | 13020.00 | 33.00 | .40 | 6693.00 | 761.00 | 4951.00 | -43.00 |
| 462719 | 247.00 | 3.20 | 4.00 | 1.00 | 38550.00 | 4.60 | 10170.00 | 23.00 | .20 | 3849.00 | 693.00 | 4508.00 | -34.00 |
| 462720 | 314.00 | 3.20 | 5.00 | 1.10 | 34630.00 | 6.40 | 11270.00 | 26.00 | .40 | 7978.00 | 954.00 | 7050.00 | 37.00 |
| 462721 | 180.00 | 5.00 | 5.00 | 1.40 | 45300.00 | 4.10 | 19630.00 | 26.00 | .30 | 14820.00 | 1079.00 | 11690.00 | 70.00 |
| 462722 | 157.00 | 5.50 | 5.00 | 1.20 | 50580.00 | 5.30 | 15300.00 | 31.00 | .40 | 12530.00 | 976.00 | 17800.00 | -38.00 |
| 462723 | 114.00 | 5.20 | 5.00 | 1.30 | 54800.00 | 4.70 | 16520.00 | 33.00 | .40 | 13110.00 | 1778.00 | 11720.00 | 97.00 |
| 462724 | 145.00 | 2.90 | 5.00 | 1.20 | 49500.00 | 3.70 | 15470.00 | 22.00 | .30 | 13300.00 | 1193.00 | 14160.00 | -27.00 |
| 462725 | 125.00 | 4.70 | 5.00 | 1.80 | 52890.00 | 4.80 | 13780.00 | 27.00 | -.10 | 14280.00 | 1243.00 | 14750.00 | -47.00 |
| 462726 | 141.00 | 6.50 | 6.00 | 1.00 | 50130.00 | 6.30 | 14790.00 | 34.00 | .40 | 9884.00 | 855.00 | 11840.00 | -40.00 |
| 462727 | 205.00 | 5.70 | 6.00 | 1.30 | 50000.00 | 6.00 | 18060.00 | 32.00 | .30 | 13600.00 | 704.00 | 10910.00 | -49.00 |
| 462728 | 304.00 | 2.80 | 5.00 | 1.00 | 30790.00 | 6.00 | 6588.00 | 22.00 | .20 | 5079.00 | 1658.00 | 5849.00 | -26.00 |
| 462729 | 457.00 | 4.30 | 6.00 | 1.40 | 34590.00 | 10.40 | 9072.00 | 35.00 | .40 | 6057.00 | 946.00 | 5351.00 | -49.00 |
| 462730 | 282.00 | 3.40 | 4.00 | .90 | 35320.00 | 5.00 | 11740.00 | 32.00 | .30 | 5947.00 | 477.00 | 3912.00 | -31.00 |
| 462731 | 252.00 | 3.40 | 5.00 | .90 | 39170.00 | 4.70 | 9759.00 | 30.00 | .30 | 4585.00 | 773.00 | 3975.00 | 69.00 |
| 462732 | 156.00 | 4.60 | 5.00 | 1.10 | 40840.00 | 5.20 | 15120.00 | 23.00 | .30 | 9543.00 | 668.00 | 11430.00 | -28.00 |
| 462733 | 156.00 | 5.80 | 6.00 | 1.30 | 47390.00 | 5.40 | 16730.00 | 33.00 | -.20 | 9437.00 | 1019.00 | 8712.00 | -64.00 |
| 462734 | 90.00 | 5.50 | 6.00 | 1.20 | 35870.00 | 6.30 | 14000.00 | 27.00 | -.10 | 7031.00 | 296.00 | 7492.00 | -39.00 |
| 462735 | 96.00 | 4.10 | 6.00 | 1.30 | 30530.00 | 7.50 | 16170.00 | 27.00 | .40 | 6991.00 | 274.00 | 7494.00 | 74.00 |
| 462736 | 157.00 | 4.50 | 5.00 | 1.00 | 36750.00 | 4.90 | 16910.00 | 28.00 | .30 | 8074.00 | 541.00 | 7340.00 | 80.00 |
| 462737 | 105.00 | 4.30 | 5.00 | 1.30 | 34530.00 | 4.20 | 16020.00 | 28.00 | .30 | 6305.00 | 562.00 | 6083.00 | -48.00 |
| 462738 | 121.00 | 3.60 | 4.00 | 1.10 | 39220.00 | 6.50 | 12320.00 | 27.00 | .40 | 5154.00 | 628.00 | 6960.00 | -47.00 |
| 462739 | 334.00 | 2.20 | 4.00 | .80 | 21010.00 | 9.00 | 7894.00 | 25.00 | .30 | 3424.00 | 163.00 | 4940.00 | -20.00 |
| 462740 | 179.00 | 4.20 | 5.00 | 1.10 | 27110.00 | 8.50 | 10620.00 | 28.00 | .40 | 4908.00 | 428.00 | 4424.00 | -42.00 |
| 462741 | 240.00 | 5.60 | 6.00 | 1.40 | 45240.00 | 6.20 | 21250.00 | 32.00 | .40 | 15190.00 | 537.00 | 9025.00 | 83.00 |
| 462742 | 134.00 | 6.20 | 5.00 | 1.30 | 23260.00 | 4.20 | 13440.00 | 24.00 | .30 | 6979.00 | 701.00 | 8741.00 | -54.00 |
| 462743 | 116.00 | 4.80 | 4.00 | 1.30 | 47120.00 | 5.10 | 17900.00 | 24.00 | .40 | 13130.00 | 2675.00 | 10660.00 | 60.00 |
| 462744 | 147.00 | -2.40 | 5.00 | 1.70 | 47800.00 | 5.60 | 13340.00 | 26.00 | .40 | 13220.00 | 1053.00 | 16780.00 | -51.00 |
| 462745 | 151.00 | 3.40 | 5.00 | 1.50 | 49160.00 | 6.20 | 10230.00 | 25.00 | .30 | 14150.00 | 909.00 | 16310.00 | -39.00 |
| 462746 | 133.00 | -2.90 | 4.00 | 1.50 | 49430.00 | 4.80 | 7442.00 | 19.00 | .30 | 11170.00 | 1384.00 | 14900.00 | -53.00 |
| 462747 | 115.00 | 5.20 | 5.00 | 1.20 | 44530.00 | 4.60 | 16030.00 | 25.00 | .40 | 12630.00 | 1598.00 | 11140.00 | 79.00 |
| 462748 | 167.00 | -2.20 | 5.00 | 1.00 | 38870.00 | 6.80 | 14820.00 | 29.00 | .40 | 13940.00 | 534.00 | 12120.00 | -44.00 |
| 462749 | 213.00 | 4.30 | 5.00 | 1.20 | 44330.00 | 6.50 | 14610.00 | 30.00 | .40 | 16570.00 | 438.00 | 9123.00 | 98.00 |
| 462750 | 264.00 | 3.00 | 4.00 | 1.10 | 32010.00 | 5.10 | 8208.00 | 26.00 | .30 | 7186.00 | 320.00 | 6385.00 | -33.00 |

CHANDLER LAKE STREAM SEDIMENT

PC. EQUIP - SAMPLE SET 1

| SAMPLI NO. | SR PPM | SC PPM | SH PPM | SR PPM | TA PPM | TB PPM | TH PPM | TI PPM | V PPM | TR PPM | TN PPM | TH/U PPM |
|------------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|---------|----------|
| 462701 | -3.00 | 12.50 | -5.00 | -232.00 | -3.00 | -1.00 | 12.80 | 5196.00 | 123.00 | -2.70 | -94.00 | 4.23700 |
| 462702 | -1.00 | 11.30 | 4.10 | -193.00 | -2.00 | -1.00 | 7.40 | 4349.00 | 103.00 | 3.40 | 90.00 | 2.74000 |
| 462703 | -1.00 | 7.70 | 3.60 | -154.00 | -1.00 | -1.00 | 5.30 | 4288.00 | 91.00 | 3.80 | 94.00 | 2.34700 |
| 462704 | -1.00 | 12.20 | 3.60 | -195.00 | -1.00 | -1.00 | 7.20 | 4738.00 | 126.00 | 4.40 | -34.00 | 2.47300 |
| 462705 | -3.00 | 12.60 | 3.80 | -221.00 | -3.00 | -1.00 | 9.10 | 4212.00 | 126.00 | -3.00 | 112.00 | 3.03000 |
| 462706 | -1.00 | 10.60 | 4.40 | -193.00 | -1.00 | -1.00 | 7.10 | 3830.00 | 105.00 | 3.00 | -40.00 | 2.68900 |
| 462707 | -1.00 | 6.90 | 2.70 | -177.00 | -2.00 | -1.00 | 4.60 | 2939.00 | 86.00 | 1.80 | 82.00 | 2.77000 |
| 462708 | -1.00 | 6.40 | 3.80 | -165.00 | -1.00 | -1.00 | 6.20 | 3870.00 | 94.00 | 2.70 | -75.00 | 2.99400 |
| 462709 | -2.00 | 11.00 | 4.10 | -247.00 | -2.00 | -1.00 | 8.20 | 4475.00 | 114.00 | 3.20 | -64.00 | 3.00300 |
| 462710 | -1.00 | 9.40 | 5.00 | -165.00 | -2.00 | 1.00 | 9.70 | 4295.00 | 97.00 | 3.80 | -95.00 | 2.83300 |
| 462711 | -2.00 | 11.20 | 3.90 | -225.00 | -2.00 | -1.00 | 7.90 | 3785.00 | 117.00 | 3.40 | 119.00 | 3.10600 |
| 462712 | -1.00 | 9.40 | 3.80 | -289.00 | -1.00 | -1.00 | 7.50 | 4659.00 | 101.00 | 3.50 | -18.00 | 2.80100 |
| 462713 | -2.00 | 10.90 | 3.80 | -172.00 | -2.00 | -1.00 | 7.70 | 4650.00 | 132.00 | -1.70 | 102.00 | 2.83300 |
| 462714 | -2.00 | 14.40 | 5.40 | -187.00 | -2.00 | -1.00 | 10.10 | 4371.00 | 143.00 | 3.50 | -54.00 | 3.27900 |
| 462715 | -2.00 | 9.70 | 3.30 | -219.00 | -2.00 | -1.00 | 5.60 | 3475.00 | 104.00 | 3.10 | -48.00 | 2.57100 |
| 462716 | -1.00 | 12.40 | 4.30 | -183.00 | -1.00 | -1.00 | 7.90 | 5392.00 | 137.00 | 4.10 | -41.00 | 2.49400 |
| 462717 | -2.00 | 13.00 | 4.70 | -199.00 | -2.00 | -1.00 | 7.90 | 4786.00 | 124.00 | 4.30 | 100.00 | 2.93300 |
| 462718 | -2.00 | 15.70 | 5.70 | -256.00 | -2.00 | -1.00 | 9.10 | 4332.00 | 136.00 | 4.60 | 191.00 | 2.98500 |
| 462719 | -2.00 | 10.60 | 3.80 | -245.00 | -1.00 | -1.00 | 7.20 | 3617.00 | 107.00 | 3.90 | -40.00 | 3.46000 |
| 462720 | -1.00 | 11.50 | 3.60 | -293.00 | -1.00 | -1.00 | 8.50 | 4549.00 | 123.00 | 4.30 | -38.00 | 3.20500 |
| 462721 | -2.00 | 15.50 | 4.10 | -258.00 | -2.00 | -1.00 | 9.20 | 5077.00 | 152.00 | 3.80 | 191.00 | 3.50900 |
| 462722 | -2.00 | 17.30 | 5.30 | -270.00 | -2.00 | -1.00 | 9.00 | 4433.00 | 194.00 | 3.90 | -119.00 | 3.10400 |
| 462723 | -2.00 | 18.00 | 4.30 | -426.00 | -2.00 | -1.00 | 10.60 | 4482.00 | 179.00 | 4.90 | 234.00 | 3.34400 |
| 462724 | -1.00 | 16.80 | 3.10 | -288.00 | -1.00 | -1.00 | 6.70 | 6072.00 | 180.00 | 3.60 | -34.00 | 3.02100 |
| 462725 | -2.00 | 18.30 | 3.40 | -287.00 | -2.00 | -1.00 | 6.10 | 6377.00 | 190.00 | 4.70 | 119.00 | 2.70300 |
| 462726 | -2.00 | 16.40 | 4.90 | -257.00 | -2.00 | -1.00 | 11.70 | 4136.00 | 197.00 | 4.40 | 243.00 | 3.07700 |
| 462727 | -2.00 | 17.30 | 4.60 | -297.00 | -2.00 | -1.00 | 16.10 | 4858.00 | 187.00 | 3.20 | -59.00 | 3.92200 |
| 462728 | -1.00 | 9.40 | 3.00 | -284.00 | -1.00 | -1.00 | 3.50 | 3845.00 | 95.00 | 3.50 | -15.00 | 2.43700 |
| 462729 | -2.00 | 11.60 | 4.10 | -257.00 | -2.00 | -1.00 | 7.60 | 4615.00 | 107.00 | 4.50 | -114.00 | 2.90100 |
| 462730 | -1.00 | 11.00 | 4.90 | -169.00 | -1.00 | -1.00 | 6.60 | 3893.00 | 107.00 | 2.90 | 117.00 | 2.89900 |
| 462731 | -2.00 | 12.10 | 3.80 | -261.00 | -2.00 | -1.00 | 7.30 | 4157.00 | 126.00 | 4.20 | -43.00 | 3.09600 |
| 462732 | -1.00 | 14.10 | 3.80 | -250.00 | -1.00 | -1.00 | 7.50 | 5206.00 | 156.00 | 4.70 | -36.00 | 2.74000 |
| 462733 | -3.00 | 15.30 | 3.40 | -327.00 | -4.00 | -1.00 | 10.10 | 5151.00 | 162.00 | -2.80 | -90.00 | 3.57100 |
| 462734 | -2.00 | 12.70 | 5.40 | -191.00 | -2.00 | -1.00 | 8.90 | 4463.00 | 178.00 | 3.80 | -178.00 | 2.81700 |
| 462735 | -2.00 | 11.80 | 3.40 | -214.00 | -2.00 | -1.00 | 6.90 | 4109.00 | 114.00 | 4.40 | -45.00 | 2.80000 |
| 462736 | -1.00 | 13.20 | 3.70 | -222.00 | -1.00 | -1.00 | 8.40 | 4842.00 | 148.00 | 4.00 | -41.00 | 2.66100 |
| 462737 | -2.00 | 13.80 | 3.50 | -210.00 | -3.00 | -1.00 | 8.30 | 4750.00 | 151.00 | -2.20 | -172.00 | 3.07600 |
| 462738 | -2.00 | 11.20 | 3.80 | -300.00 | -2.00 | -1.00 | 7.80 | 4253.00 | 120.00 | 3.70 | 87.00 | 3.04700 |
| 462739 | -1.00 | 7.60 | 2.90 | -179.00 | -1.00 | -1.00 | 6.80 | 4287.00 | 92.00 | 3.90 | 60.00 | 2.76000 |
| 462740 | -2.00 | 9.90 | 4.20 | -181.00 | -2.00 | -1.00 | 6.30 | 4329.00 | 114.00 | 4.00 | 177.00 | 2.84000 |
| 462741 | -2.00 | 15.50 | 6.90 | -219.00 | -2.00 | -1.00 | 8.60 | 4271.00 | 152.00 | 5.10 | -59.00 | 2.84700 |
| 462742 | -3.00 | 13.80 | 4.00 | -295.00 | -2.00 | -1.00 | 8.20 | 3314.00 | 159.00 | 4.20 | -104.00 | 2.26000 |
| 462743 | -1.00 | 15.00 | 3.40 | -489.00 | -1.00 | -1.00 | 6.20 | 4359.00 | 176.00 | 3.60 | -42.00 | 3.21500 |
| 462744 | -2.00 | 16.50 | 3.30 | -299.00 | -3.00 | -1.00 | 6.70 | 6036.00 | 174.00 | 6.20 | 257.00 | 2.97400 |
| 462745 | -2.00 | 14.70 | 4.50 | -263.00 | -2.00 | -1.00 | 5.80 | 4884.00 | 171.00 | 5.50 | 149.00 | 2.48900 |
| 462746 | -3.00 | 14.70 | 3.60 | -457.00 | -2.00 | -1.00 | 6.10 | 6739.00 | 181.00 | -2.90 | 98.00 | 2.59700 |
| 462747 | 2.00 | 15.60 | 3.90 | -379.00 | -1.00 | -1.00 | 7.50 | 4859.00 | 178.00 | 3.10 | -47.00 | 2.44900 |
| 462748 | -2.00 | 13.70 | 4.50 | -214.00 | -2.00 | -1.00 | 8.50 | 4435.00 | 149.00 | 3.50 | 146.00 | 3.07700 |
| 462749 | -2.00 | 15.20 | 5.70 | -206.00 | -2.00 | -1.00 | 8.20 | 4518.00 | 155.00 | 4.90 | 111.00 | 3.00300 |
| 462750 | -2.00 | 9.80 | 3.40 | -186.00 | -1.00 | -1.00 | 5.80 | 4119.00 | 106.00 | 3.80 | -47.00 | 2.91500 |

72

CHANDLER LAKE STREAM SEDIMENT

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | IRANIUM PPM | SILVER PPM | BISMUTH PPM | CADMIUM PPM | COPPER PPM | NIODIUM PPM | NICKEL PPM | LEAD PPM | ZIN PPM | TINGSTEN PPM | |
|------------|---------|----------|----|-------|--------|-------------|------------|-------------|-------------|------------|-------------|------------|----------|----------|--------------|----------|
| 462751 | 68.7758 | 152.5375 | 7. | 12.0 | 10. | 2.62 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 71.00 | -5.00 | -10.00 | -15.00 | |
| 462752 | 68.8019 | 152.4808 | 7. | 6.0 | 4. | 2.95 | -5.00 | -5.00 | -5.00 | 44.00 | -20.00 | 57.00 | 8.00 | -10.00 | -15.00 | |
| 462753 | 68.8064 | 152.4575 | 7. | 9.0 | 4. | 2.13 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 | |
| 462754 | 68.8717 | 152.5094 | 7. | 43.0 | 8. | 2.93 | -5.00 | -5.00 | -5.00 | 40.00 | -20.00 | 60.00 | 7.00 | -10.00 | -15.00 | |
| 462755 | 68.9089 | 152.5431 | 7. | 10.0 | 8. | 2.82 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 28.00 | 8.00 | -10.00 | -15.00 | |
| 462756 | 68.9142 | 152.5275 | 7. | 11.0 | 4. | 2.51 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 18.00 | 7.00 | -10.00 | -15.00 | |
| 462757 | 68.9344 | 152.5400 | 6. | 75.0 | 8. | 3.46 | -5.00 | -5.00 | -5.00 | 40.00 | -20.00 | 43.00 | 8.00 | -10.00 | -15.00 | |
| 462758 | 68.9400 | 152.5444 | 7. | 19.0 | 8. | 2.90 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 28.00 | 7.00 | -10.00 | -15.00 | |
| 462759 | 68.9775 | 152.5822 | 7. | 10.0 | 8. | 2.74 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 | |
| 462760 | 68.9829 | 152.5761 | 6. | 11.0 | 8. | 2.95 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 27.00 | 5.00 | -10.00 | -15.00 | |
| 462775 | 68.6653 | 151.3478 | 5. | 3.0 | 11. | 2.32 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 | |
| 462741 | 68.9689 | 152.3947 | 7. | 44.0 | 8. | 2.88 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 61.00 | 7.00 | -10.00 | -15.00 | |
| 462782 | 68.9669 | 152.4131 | 7. | 92.0 | 5. | 2.70 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 65.00 | 7.00 | -10.00 | -15.00 | |
| 462783 | 68.9489 | 152.4633 | 7. | 291.0 | 9. | 2.92 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 49.00 | 8.00 | -10.00 | -15.00 | |
| 462784 | 68.9394 | 152.4594 | 8. | 21.0 | 2. | 2.81 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 34.00 | 7.00 | -10.00 | -15.00 | |
| 462785 | 68.9069 | 152.4233 | 8. | 9.0 | -9999. | 2.43 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 28.00 | 5.00 | -10.00 | -15.00 | |
| 462786 | 68.8950 | 152.4217 | 7. | 9.0 | 2. | 2.74 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 48.00 | -5.00 | -10.00 | -15.00 | |
| 462787 | 68.8364 | 152.3986 | 6. | 41.0 | 2. | 2.94 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 | |
| 462788 | 68.9331 | 152.4111 | 6. | 10.0 | 8. | 2.77 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 | |
| 462789 | 68.8122 | 152.4658 | 6. | 10.0 | 3. | 3.00 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 46.00 | 8.00 | -10.00 | -15.00 | |
| 462790 | 68.8100 | 152.4522 | 6. | 9.0 | 3. | 2.84 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 31.00 | 9.00 | -10.00 | -15.00 | |
| 462791 | 68.7197 | 152.3967 | 6. | 8.0 | 8. | 2.78 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 44.00 | 7.00 | -10.00 | -15.00 | |
| 462792 | 68.7164 | 152.3847 | 6. | 14.0 | 8. | 2.84 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 38.00 | 8.00 | -10.00 | -15.00 | |
| 462793 | 68.6889 | 152.4394 | 6. | 11.0 | 6. | 2.65 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 42.00 | 5.00 | -10.00 | -15.00 | |
| 462795 | 68.6328 | 152.3631 | 6. | 13.0 | 7. | 3.32 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 51.00 | 8.00 | -10.00 | -15.00 | |
| 462796 | 68.6147 | 152.3767 | 6. | 6.0 | -9999. | 2.59 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 | |
| 462797 | 68.5736 | 152.4153 | 6. | 11.0 | 4. | 2.65 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 31.00 | 5.00 | -10.00 | -15.00 | |
| 462798 | 68.5725 | 152.3661 | 6. | 11.0 | 4. | 2.59 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 23.00 | 5.00 | -10.00 | -15.00 | |
| 462799 | 68.5425 | 152.3814 | 6. | 13.0 | 3. | 2.82 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 41.00 | 8.00 | -10.00 | -15.00 | |
| 462800 | 68.5022 | 152.4014 | 6. | 6.0 | 5. | 2.29 | -5.00 | -5.00 | -5.00 | -10.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |
| 462814 | 68.4431 | 151.2400 | 8. | 206.0 | 9. | 1.63 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 19.00 | -5.00 | -10.00 | -15.00 | |
| 462835 | 68.7681 | 151.2033 | 8. | 35.0 | -9999. | 2.53 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 26.00 | 8.00 | -10.00 | -15.00 | |
| 462871 | 68.9300 | 151.3567 | 7. | 1.0 | 1. | 2.66 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | -15.00 | 7.00 | -10.00 | -15.00 | |
| 462872 | 68.9361 | 151.3733 | 6. | 1.0 | 1. | 2.57 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 17.00 | 5.00 | -10.00 | -15.00 | |
| 462873 | 68.9233 | 151.4903 | 7. | 3.0 | 8. | 2.50 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 462874 | 68.9175 | 151.4903 | 6. | 6.0 | 8. | 2.88 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 33.00 | 8.00 | -10.00 | -15.00 | |
| 462875 | 68.8964 | 151.4564 | 7. | 1.0 | 3. | 2.68 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 26.00 | 7.00 | -10.00 | -15.00 | |
| 462876 | 68.8884 | 151.4461 | 6. | 1.0 | 3. | 2.69 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 18.00 | 7.00 | -10.00 | -15.00 | |
| 462877 | 68.8436 | 151.4878 | 6. | 1.0 | 6. | 2.55 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 17.00 | -5.00 | -10.00 | -15.00 | |
| 462878 | 68.8511 | 151.4977 | 6. | 2.0 | 6. | 2.42 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 20.00 | -5.00 | -10.00 | -15.00 | |
| 462879 | 68.9028 | 151.4992 | 6. | 1.0 | 5. | 2.47 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 40.00 | 7.00 | -10.00 | -15.00 | |
| 462880 | 68.7769 | 151.4592 | 7. | 2.0 | 10. | 2.44 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 | |
| 462881 | 68.7699 | 151.4592 | 6. | 1.0 | 10. | 2.01 | -5.00 | -5.00 | -5.00 | 10.00 | -20.00 | 18.00 | -5.00 | -10.00 | -15.00 | |
| 462882 | 68.7067 | 151.4969 | 6. | 1.0 | 1. | 2.53 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 30.00 | 5.00 | -10.00 | -15.00 | |
| 462883 | 68.5989 | 151.4491 | 6. | 2.0 | 8. | 2.53 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 28.00 | 5.00 | -10.00 | -15.00 | |
| 462884 | 68.6767 | 151.4530 | 6. | 4.0 | 5. | 2.03 | -5.00 | -5.00 | -5.00 | 12.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 | |
| 462885 | 68.5694 | 151.4906 | 7. | 1.0 | 3. | 2.46 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 462886 | 68.5499 | 151.4767 | 6. | 2.0 | 3. | 2.46 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 | |
| 462887 | 68.6256 | 151.4778 | 7. | 1.0 | 1. | 1.77 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 | |
| 462888 | 68.6253 | 151.4580 | 7. | 1.0 | 3. | 1.71 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |

CHANDLER LAKE STREAM SEDIMENT

PG. TWO - SAMPLE SET 2

| SAMPLE NO. | AS PPM | SE PPM | ZR PPM | MN PPM | BE PPP | LI PPM | AL PPP | AU PPM | BA PPM | CA PPM | CE PPP | CL PPM | CO PPM |
|------------|----------|----------|----------|----------|----------|----------|----------|--------|----------|-----------|--------|---------|--------|
| 462751 | 12.00 | -5.00 | 201.00 | -9999.00 | -9999.00 | -9999.00 | 55120.00 | -.03 | 555.00 | 1996.00 | 59.00 | -93.00 | 17.90 |
| 462752 | 12.00 | -5.00 | 169.00 | -9999.00 | -9999.00 | -9999.00 | 64360.00 | -.07 | 735.00 | -953.00 | 53.00 | -93.00 | 15.30 |
| 462753 | 13.00 | -5.00 | 140.00 | -9999.00 | -9999.00 | -9999.00 | 43820.00 | -.04 | 394.00 | -703.00 | 53.00 | -59.00 | 11.90 |
| 462754 | 16.00 | -5.00 | 170.00 | -9999.00 | -9999.00 | -9999.00 | 67940.00 | -.07 | 672.00 | 3400.00 | 91.00 | -117.00 | 19.90 |
| 462755 | 10.00 | -5.00 | 194.00 | -9999.00 | -9999.00 | -9999.00 | 49150.00 | -.03 | 846.00 | 2249.00 | 55.00 | -77.00 | 13.50 |
| 462756 | 10.00 | -5.00 | 201.00 | -9999.00 | -9999.00 | -9999.00 | 48250.00 | -.06 | 614.00 | -985.00 | 52.00 | -85.00 | 14.40 |
| 462757 | 16.00 | -5.00 | 152.00 | -9999.00 | -9999.00 | -9999.00 | 74590.00 | -.05 | 887.00 | 3908.00 | 66.00 | -93.00 | 11.30 |
| 462758 | 8.00 | -5.00 | 252.00 | -9999.00 | -9999.00 | -9999.00 | 54710.00 | -.06 | 522.00 | 4205.00 | 65.00 | -90.00 | 10.50 |
| 462759 | 12.00 | -5.00 | 188.00 | -9999.00 | -9999.00 | -9999.00 | 54950.00 | -.03 | 608.00 | -949.00 | 51.00 | -97.00 | 11.90 |
| 462760 | 11.00 | -5.00 | 207.00 | -9999.00 | -9999.00 | -9999.00 | 55140.00 | -.07 | 703.00 | -885.00 | 51.00 | -98.00 | 15.90 |
| 462775 | 17.00 | -5.00 | 194.00 | -9999.00 | -9999.00 | -9999.00 | 35230.00 | -.07 | 375.00 | -771.00 | 57.00 | -74.00 | 16.00 |
| 462791 | 13.00 | -5.00 | 196.00 | -9999.00 | -9999.00 | -9999.00 | 62390.00 | -.06 | 977.00 | 11590.00 | 47.00 | -105.00 | 17.40 |
| 462792 | 17.00 | -5.00 | 157.00 | -9999.00 | -9999.00 | -9999.00 | 57370.00 | -.05 | 719.00 | 13990.00 | 49.00 | -97.00 | 18.90 |
| 462793 | 16.00 | -5.00 | 181.00 | -9999.00 | -9999.00 | -9999.00 | 66390.00 | -.07 | 728.00 | 10080.00 | 70.00 | -119.00 | 20.50 |
| 462794 | 10.00 | -5.00 | 199.00 | -9999.00 | -9999.00 | -9999.00 | 54340.00 | -.03 | 711.00 | 4371.00 | 45.00 | -99.00 | 17.40 |
| 462795 | 12.00 | -5.00 | 183.00 | -9999.00 | -9999.00 | -9999.00 | 49360.00 | -.06 | 601.00 | -701.00 | 55.00 | -92.00 | 13.00 |
| 462796 | 15.00 | -5.00 | 140.00 | -9999.00 | -9999.00 | -9999.00 | 53580.00 | -.07 | -290.00 | -1606.00 | 56.00 | -132.00 | 40.90 |
| 462797 | 11.00 | -5.00 | 322.00 | -9999.00 | -9999.00 | -9999.00 | 47350.00 | -.06 | 490.00 | -746.00 | 94.00 | -74.00 | 10.90 |
| 462798 | 23.00 | -5.00 | 169.00 | -9999.00 | -9999.00 | -9999.00 | 55970.00 | -.04 | 705.00 | -588.00 | 51.00 | -98.00 | 17.70 |
| 462799 | 16.00 | -5.00 | 176.00 | -9999.00 | -9999.00 | -9999.00 | 67470.00 | -.06 | 824.00 | -1121.00 | 66.00 | -106.00 | 19.30 |
| 462790 | 16.00 | 5.00 | 178.00 | -9999.00 | -9999.00 | -9999.00 | 58050.00 | -.07 | 692.00 | 6.00 | 70.00 | -101.00 | 18.30 |
| 462791 | 11.00 | -5.00 | 199.00 | -9999.00 | -9999.00 | -9999.00 | 54400.00 | -.03 | 604.00 | -677.00 | 60.00 | -89.00 | 17.00 |
| 462792 | 9.00 | -5.00 | 271.00 | -9999.00 | -9999.00 | -9999.00 | 50070.00 | -.06 | 663.00 | -967.00 | 64.00 | -74.00 | 18.00 |
| 462793 | 12.00 | -5.00 | 174.00 | -9999.00 | -9999.00 | -9999.00 | 51360.00 | -.05 | 549.00 | -111.00 | 70.00 | -87.00 | 12.40 |
| 462794 | 7.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 9570.00 | -.10 | 794.00 | -111.00 | 67.00 | -100.00 | 17.70 |
| 462795 | 10.00 | -5.00 | 197.00 | -9999.00 | -9999.00 | -9999.00 | 51060.00 | -.03 | 463.00 | -921.00 | 49.00 | -89.00 | 7.70 |
| 462797 | 11.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 5240.00 | -.07 | 547.00 | -1154.00 | 60.00 | -86.00 | 29.40 |
| 462798 | 12.00 | -5.00 | 187.00 | -9999.00 | -9999.00 | -9999.00 | 51640.00 | -.05 | 396.00 | -711.00 | 43.00 | -99.00 | 10.90 |
| 462799 | 14.00 | -5.00 | 160.00 | -9999.00 | -9999.00 | -9999.00 | 64150.00 | -.09 | 559.00 | -1046.00 | 74.00 | -74.00 | 17.90 |
| 462800 | 9.00 | -5.00 | 165.00 | -9999.00 | -9999.00 | -9999.00 | 35120.00 | -.03 | 399.00 | -1230.00 | 36.00 | -100.00 | 29.70 |
| 462814 | 5.00 | -5.00 | 62.00 | -9999.00 | -9999.00 | -9999.00 | 22310.00 | -.05 | 798.00 | 121400.00 | -8.00 | 176.00 | 6.00 |
| 462835 | -5.00 | -5.00 | 152.00 | -9999.00 | -9999.00 | -9999.00 | 40540.00 | -.06 | 479.00 | 13970.00 | 49.00 | -89.00 | 14.90 |
| 462871 | 9.00 | -5.00 | 171.00 | -9999.00 | -9999.00 | -9999.00 | 52730.00 | -.10 | 623.00 | -931.00 | 52.00 | -93.00 | 8.90 |
| 462872 | 11.00 | -5.00 | 181.00 | -9999.00 | -9999.00 | -9999.00 | 48010.00 | -.07 | 749.00 | -915.00 | 68.00 | -87.00 | 17.70 |
| 462873 | 38.00 | -5.00 | 167.00 | -9999.00 | -9999.00 | -9999.00 | 50840.00 | -.12 | 703.00 | -1306.00 | 84.00 | -110.00 | 18.50 |
| 462874 | 12.00 | -5.00 | 192.00 | -9999.00 | -9999.00 | -9999.00 | 52820.00 | -.04 | 603.00 | -995.00 | 59.00 | -94.00 | 21.00 |
| 462875 | 10.00 | -5.00 | 219.00 | -9999.00 | -9999.00 | -9999.00 | 45770.00 | -.07 | 614.00 | 2270.00 | 55.00 | -75.00 | 12.00 |
| 462876 | 7.00 | -5.00 | 182.00 | -9999.00 | -9999.00 | -9999.00 | 50170.00 | -.07 | 625.00 | 2384.00 | 54.00 | -88.00 | 5.90 |
| 462877 | 10.00 | -5.00 | 224.00 | -9999.00 | -9999.00 | -9999.00 | 44290.00 | -.07 | 545.00 | -730.00 | 58.00 | -74.00 | 8.70 |
| 462878 | 6.00 | -5.00 | 242.00 | -9999.00 | -9999.00 | -9999.00 | 36590.00 | -.03 | 437.00 | -559.00 | 53.00 | -80.00 | 6.70 |
| 462879 | 11.00 | -5.00 | 170.00 | -9999.00 | -9999.00 | -9999.00 | 55780.00 | -.08 | 693.00 | -719.00 | 61.00 | -84.00 | 15.70 |
| 462890 | 10.00 | -5.00 | 144.00 | -9999.00 | -9999.00 | -9999.00 | 44650.00 | -.09 | 611.00 | -1034.00 | 47.00 | -85.00 | 8.30 |
| 462891 | 10.00 | -5.00 | 211.00 | -9999.00 | -9999.00 | -9999.00 | 32730.00 | -.07 | 378.00 | -611.00 | 48.00 | -70.00 | 9.50 |
| 462892 | 15.00 | -5.00 | 156.00 | -9999.00 | -9999.00 | -9999.00 | 51180.00 | -.05 | 747.00 | -871.00 | 48.00 | -96.00 | 10.90 |
| 462893 | 7.00 | -5.00 | 262.00 | -9999.00 | -9999.00 | -9999.00 | 38820.00 | -.07 | 410.00 | -641.00 | 56.00 | -54.00 | 7.10 |
| 462894 | 13.00 | -5.00 | 188.00 | -9999.00 | -9999.00 | -9999.00 | 35890.00 | -.06 | 176.00 | -192.00 | 53.00 | -81.00 | 15.70 |
| 462895 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | 42370.00 | -.11 | -506.00 | -3158.00 | 65.00 | -261.00 | 87.70 |
| 462896 | 19.00 | -5.00 | 94.00 | -9999.00 | -9999.00 | -9999.00 | 35870.00 | -.05 | -816.00 | -9160.00 | 26.00 | -487.00 | 75.90 |
| 462897 | 41.00 | -5.00 | 111.00 | -9999.00 | -9999.00 | -9999.00 | 28070.00 | -.12 | -1764.00 | -11270.00 | 50.00 | -725.00 | 154.70 |
| 462898 | 111.00 | -5.00 | 75.00 | -9999.00 | -9999.00 | -9999.00 | 30900.00 | -.12 | -352.00 | -1904.00 | 46.00 | -130.00 | 45.00 |

CHANDLER LAKE STOREM SEDIMENT

PC. THREE - SAMPLE SET 2

| SAMPLE NR. | CR PPM | CS PPM | DY PPM | EU PPM | FE PPM | HF PPM | K PPM | LA PPM | LU PPM | MC PPM | PA PPM | MA PPM | OR PPM |
|------------|--------|--------|--------|--------|-----------|--------|-----------|--------|--------|-----------|----------|----------|--------|
| 462751 | 246.00 | 3.20 | 5.00 | 1.10 | 33840.00 | 5.60 | 12010.00 | 23.00 | .30 | 6941.00 | 740.00 | 1595.00 | -27.00 |
| 462752 | 144.00 | 4.50 | 6.00 | 1.70 | 34240.00 | 6.40 | 12820.00 | 29.00 | .30 | 5116.00 | 989.00 | 4434.00 | -56.00 |
| 462753 | 181.00 | 3.10 | 5.00 | 1.10 | 25620.00 | 6.00 | 7924.00 | 26.00 | .30 | 3572.00 | 211.00 | 4059.00 | -28.00 |
| 462754 | 151.00 | 5.40 | 7.00 | 1.20 | 42760.00 | 5.10 | 15740.00 | 28.00 | .40 | 6243.00 | 965.00 | 10140.00 | -47.00 |
| 462755 | 110.00 | 2.80 | 5.00 | 1.00 | 27290.00 | 6.40 | 10240.00 | 28.00 | .20 | 5778.00 | 392.00 | 6739.00 | -24.00 |
| 462756 | 191.00 | -2.00 | 5.00 | 1.10 | 29470.00 | 7.40 | 12600.00 | 27.00 | .20 | 5220.00 | 495.00 | 2442.00 | -42.00 |
| 462757 | 83.00 | 6.10 | 5.00 | .90 | 34720.00 | 4.70 | 19320.00 | 29.00 | .30 | 4393.00 | 242.00 | 9612.00 | 66.00 |
| 462758 | 142.00 | 3.90 | 5.00 | 1.30 | 29460.00 | 9.90 | 11630.00 | 31.00 | .40 | 4941.00 | 331.00 | 9252.00 | -35.00 |
| 462759 | 87.00 | 3.10 | 5.00 | 1.00 | 29180.00 | 6.00 | 10610.00 | 26.00 | .30 | 4391.00 | 365.00 | 7732.00 | -27.00 |
| 462760 | 97.00 | 4.40 | 5.00 | 1.90 | 28170.00 | 9.00 | 14640.00 | 24.00 | .40 | 4957.00 | 570.00 | 9044.00 | 62.00 |
| 462775 | 110.00 | -2.20 | 4.00 | 1.00 | 61450.00 | 8.00 | 7566.00 | 22.00 | .30 | 2531.00 | 325.00 | 2147.00 | -47.00 |
| 462781 | 187.00 | -2.10 | 6.00 | 1.30 | 37450.00 | 7.00 | 12310.00 | 27.00 | .40 | 10740.00 | 915.00 | 10270.00 | -43.00 |
| 462782 | 148.00 | 4.20 | 5.00 | 1.30 | 38090.00 | 5.50 | 11610.00 | 28.00 | .40 | 11060.00 | 740.00 | 9559.00 | 60.00 |
| 462783 | 144.00 | 4.20 | 4.00 | 1.60 | 44670.00 | 7.80 | 14280.00 | 33.00 | .50 | 11780.00 | 807.00 | 11010.00 | 67.00 |
| 462784 | 115.00 | 2.70 | 5.00 | 1.10 | 32070.00 | 6.70 | 11350.00 | 25.00 | .40 | 6299.00 | 409.00 | 9216.00 | 52.00 |
| 462785 | 128.00 | -1.90 | 5.00 | 1.20 | 29050.00 | 5.90 | 8721.00 | 31.00 | .30 | 4545.00 | 412.00 | 6750.00 | -41.00 |
| 462787 | 70.00 | -2.50 | 7.00 | 1.30 | 57200.00 | 5.00 | 9306.00 | 27.00 | .30 | -2571.00 | 1690.00 | 6584.00 | -55.00 |
| 462787 | 299.00 | 3.30 | 6.00 | .30 | 25350.00 | 15.00 | 9293.00 | 40.00 | .40 | 4116.00 | 211.00 | 6664.00 | -35.00 |
| 462788 | 87.00 | 3.70 | 5.00 | 1.00 | 59650.00 | 5.60 | 12940.00 | 24.00 | .40 | 5017.00 | 637.00 | 6969.00 | -39.00 |
| 462789 | 123.00 | 4.10 | 5.00 | 1.40 | 39070.00 | 6.10 | 13100.00 | 31.00 | .40 | 7002.00 | 615.00 | 7430.00 | 145.00 |
| 462790 | 103.00 | 2.60 | 5.00 | 1.20 | 47150.00 | 6.60 | 9200.00 | 28.00 | .40 | 4915.00 | 494.00 | 7556.00 | -49.00 |
| 462791 | 23.00 | 7.50 | 6.00 | 1.20 | 29590.00 | 6.60 | 8699.00 | 29.00 | .30 | 4174.00 | 248.00 | 5247.00 | 62.00 |
| 462792 | 241.00 | 7.00 | 6.00 | 1.10 | 30080.00 | 11.10 | 11580.00 | 35.00 | .50 | 3972.00 | 993.00 | 4907.00 | -41.00 |
| 462793 | 121.00 | 3.60 | 5.00 | 1.30 | 37380.00 | 7.00 | 10150.00 | 29.00 | .40 | 3397.00 | 541.00 | 4198.00 | 77.00 |
| 462795 | 110.00 | 6.10 | 6.00 | 1.30 | 28990.00 | 5.90 | 12890.00 | 32.00 | .40 | 6845.00 | 428.00 | 5237.00 | -57.00 |
| 462796 | 112.00 | 3.10 | 5.00 | .90 | 25460.00 | 5.80 | 7948.00 | 25.00 | .30 | 4371.00 | 133.00 | 5260.00 | 65.00 |
| 462797 | 137.00 | -2.40 | 5.00 | 1.20 | 25300.00 | 5.40 | 11720.00 | 31.00 | -.10 | 3894.00 | 1007.00 | 3555.00 | -52.00 |
| 462798 | 114.00 | 4.10 | 5.00 | 1.20 | 27610.00 | 7.80 | 11080.00 | 27.00 | .40 | 4712.00 | 165.00 | 3747.00 | -32.00 |
| 462799 | 118.00 | 4.60 | 6.00 | 1.30 | 46890.00 | 5.50 | 13780.00 | 28.00 | .30 | 5074.00 | 987.00 | 3577.00 | -58.00 |
| 462800 | 92.00 | 2.30 | 5.00 | .80 | 34330.00 | 5.80 | -4977.00 | 28.00 | .30 | 2367.00 | 1276.00 | 4118.00 | -20.00 |
| 462814 | 47.00 | 3.10 | 3.00 | -.40 | 15740.00 | 1.90 | -3655.00 | 13.00 | -.10 | 4557.00 | 444.00 | 1914.00 | -41.00 |
| 462835 | 84.00 | 2.50 | 4.00 | 1.00 | 23640.00 | 4.70 | 8616.00 | 23.00 | .20 | 5733.00 | 757.00 | 3359.00 | -37.00 |
| 462871 | 70.00 | 4.10 | 5.00 | .90 | 26440.00 | 5.50 | 10510.00 | 29.00 | -.20 | 3196.00 | 163.00 | 6936.00 | -45.00 |
| 462872 | 99.00 | 3.30 | 4.00 | 1.40 | 78000.00 | 6.90 | 12290.00 | 29.00 | .30 | 9054.00 | 250.00 | 7029.00 | 74.00 |
| 462873 | 97.00 | -3.20 | 6.00 | 1.50 | 50260.00 | 6.20 | -4794.00 | 29.00 | .30 | 5038.00 | 686.00 | 6297.00 | -49.00 |
| 462874 | 108.00 | 3.50 | 6.00 | 1.00 | 35650.00 | 6.30 | 12270.00 | 27.00 | .30 | 5574.00 | 666.00 | 6893.00 | -21.00 |
| 462875 | 94.00 | 4.40 | 4.00 | .90 | 27860.00 | 7.30 | 11890.00 | 29.00 | .30 | 3698.00 | 279.00 | 6326.00 | -48.00 |
| 462876 | 72.00 | -1.90 | 5.00 | 1.20 | 20180.00 | 6.40 | 10310.00 | 27.00 | .40 | 3405.00 | 104.00 | 9712.00 | -79.00 |
| 462877 | 110.00 | -1.90 | 5.00 | 1.00 | 19950.00 | 9.40 | 7715.00 | 38.00 | .20 | 3397.00 | 96.00 | 6253.00 | -36.00 |
| 462878 | 145.00 | 2.70 | 4.00 | 1.00 | 19020.00 | 9.50 | 7205.00 | 25.00 | .30 | 2923.00 | 91.00 | 5337.00 | -27.00 |
| 462879 | 209.00 | -2.20 | 4.00 | 1.20 | 39370.00 | 5.40 | 11730.00 | 27.00 | -.10 | 4019.00 | 251.00 | 1869.00 | -47.00 |
| 462880 | 74.00 | -2.20 | 5.00 | 1.20 | 23890.00 | 6.10 | 7760.00 | 25.00 | .30 | 3744.00 | 117.00 | 4993.00 | -50.00 |
| 462881 | 108.00 | -1.70 | 4.00 | 1.00 | 24130.00 | 8.20 | 6522.00 | 27.00 | .30 | 2910.00 | 166.00 | 5504.00 | -35.00 |
| 462882 | 81.00 | 4.20 | 5.00 | 1.00 | 41940.00 | 5.30 | 9090.00 | 30.00 | .40 | 4912.00 | 345.00 | 5829.00 | -36.00 |
| 462883 | 149.00 | -2.00 | 5.00 | 1.10 | 32740.00 | 9.50 | 6962.00 | 30.00 | .40 | 3198.00 | 198.00 | 7016.00 | -42.00 |
| 462884 | 205.00 | -1.60 | 4.00 | .80 | 33410.00 | 7.00 | 6199.00 | 28.00 | .30 | 3227.00 | 405.00 | 3710.00 | -31.00 |
| 462885 | 151.00 | -2.90 | -3.00 | 1.20 | 69910.00 | 4.40 | -12650.00 | 26.00 | .30 | -2176.00 | 5319.00 | 4505.00 | -46.00 |
| 462886 | 79.00 | 4.20 | 4.00 | 1.00 | 95790.00 | 3.60 | -37140.00 | 26.00 | .30 | -10710.00 | 8314.00 | 2374.00 | -49.00 |
| 462887 | 64.00 | -3.20 | -10.00 | 1.30 | 103300.00 | -2.30 | -46500.00 | -13.00 | -.20 | -15030.00 | 15160.00 | 1959.00 | -92.00 |
| 462888 | 99.00 | -3.20 | -3.00 | -.60 | 220900.00 | -2.40 | -7716.00 | -11.00 | .40 | 4032.00 | 7251.00 | 1970.00 | -87.00 |

CHANDLER LAKE STREAM SEDIMENT

PC. FORM - SAMPLE SET 2

| SAMPLE NO. | SR PPM | SC PPM | SM PPM | SP PPM | TA PPM | TB PPM | TM PPM | TI PPM | V PPM | VA PPM | TV PPM | TM/U RATIO |
|------------|--------|--------|--------|----------|--------|----------|--------|---------|--------|--------|---------|------------|
| 462751 | -1.00 | 11.20 | 3.90 | -244.00 | -1.00 | -1.00 | 6.70 | 4078.00 | 119.00 | 4.00 | -36.00 | 2.55900 |
| 462752 | -2.00 | 14.90 | 4.10 | -235.00 | -3.00 | -1.00 | 9.10 | 5648.00 | 157.00 | -2.50 | -124.00 | 3.69900 |
| 462753 | -1.00 | 9.20 | 4.00 | -141.00 | -1.00 | -1.00 | 6.70 | 4045.00 | 102.00 | 3.00 | -24.00 | 3.14500 |
| 462754 | -2.00 | 15.30 | 4.60 | -322.00 | -2.00 | -1.00 | 7.70 | 5762.00 | 155.00 | -2.70 | -30.00 | 2.62500 |
| 462755 | -1.00 | 9.50 | 2.80 | -187.00 | -1.00 | -1.00 | 7.20 | 4567.00 | 107.00 | 3.70 | -52.00 | 2.55100 |
| 462756 | -2.00 | 10.00 | 3.70 | -198.00 | -2.00 | -1.00 | 6.90 | 4140.00 | 110.00 | 5.30 | 113.00 | 2.74700 |
| 462757 | -2.00 | 14.10 | 4.70 | -168.00 | -1.00 | -1.00 | 10.60 | 4401.00 | 141.00 | 4.70 | 148.00 | 3.12500 |
| 462758 | -2.00 | 10.30 | 3.90 | -211.00 | -1.00 | -1.00 | 7.10 | 4499.00 | 106.00 | 4.00 | -43.00 | 2.45100 |
| 462759 | -1.00 | 10.00 | 3.20 | -209.00 | -1.00 | -1.00 | 6.90 | 4399.00 | 110.00 | 3.20 | -38.00 | 2.49100 |
| 462760 | -2.00 | 10.30 | 4.60 | -223.00 | -1.00 | -1.00 | 7.60 | 4918.00 | 111.00 | 3.50 | -145.00 | 2.57700 |
| 462775 | -2.00 | 7.30 | 4.20 | -219.00 | -2.00 | -1.00 | 7.20 | 3468.00 | 99.00 | -2.10 | -59.00 | 3.10700 |
| 462781 | -2.00 | 13.40 | 4.20 | -247.00 | -2.00 | -1.00 | 7.90 | 4733.00 | 141.00 | -2.00 | 190.00 | 2.74100 |
| 462782 | -1.00 | 12.90 | 4.80 | -273.00 | -1.00 | -1.00 | 6.70 | 4462.00 | 137.00 | 3.00 | 166.00 | 2.79900 |
| 462783 | -2.00 | 15.00 | 4.80 | -317.00 | -2.00 | -1.00 | 7.80 | 5045.00 | 165.00 | 5.20 | -57.00 | 2.47400 |
| 462784 | -1.00 | 10.70 | 3.50 | -228.00 | -1.00 | -9999.00 | 7.50 | 4624.00 | 117.00 | 2.70 | -19.00 | 2.44700 |
| 462785 | -2.00 | 10.20 | 4.10 | -188.00 | -2.00 | -1.00 | 8.40 | 4206.00 | 113.00 | -1.90 | 141.00 | 3.46000 |
| 462786 | -2.00 | 12.40 | 5.30 | -416.00 | -3.00 | -1.00 | 7.20 | 3551.00 | 114.00 | 3.90 | 227.00 | 2.67500 |
| 462787 | -2.00 | 10.00 | 4.90 | -184.00 | -2.00 | 1.00 | 9.40 | 4503.00 | 104.00 | 4.50 | -42.00 | 3.12500 |
| 462788 | -1.00 | 11.40 | 3.70 | -269.00 | -1.00 | -1.00 | 7.40 | 4564.00 | 121.00 | 3.00 | 103.00 | 2.67400 |
| 462789 | -2.00 | 13.60 | 5.00 | -264.00 | -2.00 | -1.00 | 8.00 | 4300.00 | 138.00 | 4.10 | -59.00 | 2.44700 |
| 462790 | -2.00 | 12.20 | 4.80 | -270.00 | -2.00 | -1.00 | 8.50 | 4389.00 | 130.00 | 4.40 | -85.00 | 3.03000 |
| 462791 | -1.00 | 11.50 | 3.80 | -166.00 | -1.00 | -1.00 | 7.60 | 5016.00 | 123.00 | 4.00 | -33.00 | 2.73200 |
| 462792 | -2.00 | 11.20 | 4.80 | -208.00 | -2.00 | -1.00 | 10.00 | 3995.00 | 114.00 | 4.70 | -144.00 | 3.52100 |
| 462793 | -2.00 | 12.70 | 5.60 | -198.00 | -2.00 | -1.00 | 8.90 | 4012.00 | 119.00 | 4.40 | 40.00 | 3.35600 |
| 462795 | -3.00 | 18.00 | 4.60 | -304.00 | -3.00 | -1.00 | 9.00 | 5541.00 | 142.00 | 5.90 | -122.00 | 2.71000 |
| 462796 | -1.00 | 10.00 | 3.00 | -148.00 | -1.00 | -1.00 | 7.20 | 4622.00 | 115.00 | 4.00 | -122.00 | 2.79300 |
| 462797 | -2.00 | 12.10 | 4.30 | -278.00 | -3.00 | -1.00 | 7.70 | 5182.00 | 124.00 | 4.10 | 216.00 | 2.90700 |
| 462798 | -1.00 | 10.80 | 5.10 | -136.00 | -1.00 | -1.00 | 7.30 | 4140.00 | 116.00 | 4.10 | 75.00 | 2.70300 |
| 462799 | -3.00 | 14.10 | 4.70 | -357.00 | -2.00 | -1.00 | 8.40 | 4086.00 | 147.00 | -3.30 | -69.00 | 2.97600 |
| 462800 | -1.00 | 7.40 | 2.60 | -332.00 | -1.00 | -9999.00 | 5.50 | 3468.00 | 84.00 | 2.80 | 136.00 | 2.40400 |
| 462814 | -2.00 | 5.90 | -1.90 | -248.00 | -2.00 | -1.00 | 3.90 | 1915.00 | 57.00 | -1.90 | 119.00 | 2.39700 |
| 462835 | -2.00 | 8.30 | 3.10 | -295.00 | -2.00 | -1.00 | 6.10 | 2845.00 | 96.00 | 4.70 | 154.00 | 2.41000 |
| 462871 | -3.00 | 9.50 | 3.40 | -185.00 | -3.00 | -1.00 | 7.80 | 3976.00 | 100.00 | 3.90 | 87.00 | 2.93300 |
| 462872 | -2.00 | 9.40 | 4.50 | -178.00 | -2.00 | -1.00 | 7.70 | 3645.00 | 93.00 | -1.80 | -56.00 | 2.99400 |
| 462873 | -4.00 | 11.90 | 3.70 | -340.00 | -3.00 | -1.00 | 8.10 | 2984.00 | 124.00 | 5.00 | -75.00 | 3.23100 |
| 462874 | -1.00 | 11.60 | 3.90 | -231.00 | -1.00 | -9999.00 | 8.30 | 4425.00 | 119.00 | 3.20 | -59.00 | 2.44200 |
| 462875 | -2.00 | 8.40 | 3.80 | -158.00 | -2.00 | -1.00 | 7.90 | 3532.00 | 91.00 | 4.20 | 155.00 | 2.95000 |
| 462876 | -2.00 | 9.10 | 4.00 | -160.00 | -2.00 | -1.00 | 7.50 | 4436.00 | 98.00 | 3.10 | 98.00 | 2.79400 |
| 462877 | -2.00 | 9.60 | 3.10 | -156.00 | -2.00 | -1.00 | 6.90 | 4079.00 | 91.00 | -2.20 | -44.00 | 2.70300 |
| 462878 | -1.00 | 7.60 | 3.10 | -172.00 | -1.00 | -1.00 | 7.00 | 4133.00 | 83.00 | 3.70 | -28.00 | 2.89000 |
| 462879 | -2.00 | 12.70 | 4.40 | -163.00 | -3.00 | -1.00 | 7.80 | 4355.00 | 131.00 | 4.50 | -122.00 | 3.07700 |
| 462880 | -2.00 | 9.60 | 4.40 | -180.00 | -2.00 | -1.00 | 5.40 | 3454.00 | 95.00 | -2.20 | -65.00 | 2.21200 |
| 462881 | -2.00 | 6.10 | 3.40 | -166.00 | -2.00 | -1.00 | 6.10 | 3367.00 | 74.00 | 3.20 | -37.00 | 3.03000 |
| 462882 | -2.00 | 11.00 | 3.30 | -222.00 | -1.00 | -1.00 | 7.50 | 4726.00 | 119.00 | 4.80 | 184.00 | 2.96700 |
| 462883 | -2.00 | 8.70 | 3.40 | -134.00 | -2.00 | -1.00 | 4.90 | 4948.00 | 84.00 | -2.10 | -25.00 | 2.72500 |
| 462884 | -2.00 | 7.50 | 3.80 | -167.00 | -1.00 | -1.00 | 5.80 | 2419.00 | 82.00 | 3.20 | -164.00 | 2.97700 |
| 462885 | -3.00 | 11.00 | 3.00 | -178.00 | -3.00 | -1.00 | 8.30 | 4999.00 | 112.00 | 4.10 | 189.00 | 3.37900 |
| 462886 | -2.00 | 9.70 | 2.90 | -9999.00 | -1.00 | -1.00 | 8.20 | 4079.00 | -64.00 | -1.40 | 273.00 | 2.09600 |
| 462887 | -3.00 | 6.80 | -2.70 | -9999.00 | -4.00 | -1.00 | 4.30 | 4099.00 | -95.00 | -3.20 | -112.00 | 3.55900 |
| 462888 | -3.00 | 7.00 | 3.70 | -508.00 | -4.00 | -1.00 | 4.70 | 4099.00 | 92.00 | -3.10 | -97.00 | 2.74700 |

40

CHESAPEAKE BAY STREAM SEDIMENT

PC-4010 - SAMPLE SET

| SAMPLE NO. | SR PPM | CT PPM | SM PPM | CR PPM | TA PPM | TB PPM | TH PPM | TI PPM | V PPM | VP PPM | 7H PPM | 7HU PPM |
|------------|--------|--------|--------|----------|--------|----------|--------|----------|---------|--------|----------|---------|
| 422991 | -2.00 | 12.40 | 5.10 | -184.00 | -2.00 | -1.00 | 9.20 | 4059.00 | 120.00 | 3.40 | -45.00 | 3.77100 |
| 422992 | -2.00 | 12.30 | 4.80 | -238.00 | -1.00 | -1.00 | 8.50 | 4451.00 | 131.00 | 4.80 | -32.00 | 3.16500 |
| 422993 | -1.00 | 11.80 | 5.00 | -218.00 | -1.00 | -1.00 | 9.40 | 4081.00 | 113.00 | 3.40 | -32.00 | 3.71700 |
| 422994 | -2.00 | 12.00 | 4.80 | -258.00 | -3.00 | -1.00 | 9.30 | 4436.00 | 111.00 | 3.60 | -77.00 | 3.48400 |
| 422995 | -2.00 | 12.90 | 5.50 | -179.00 | -7.00 | -1.00 | 11.00 | 4289.00 | 161.00 | 5.00 | -49.00 | 3.35800 |
| 422996 | -2.00 | 10.40 | 3.90 | -232.00 | -1.00 | -1.00 | 7.30 | 3722.00 | 112.00 | 3.20 | -44.00 | 3.27900 |
| 422997 | -1.00 | 9.80 | 3.50 | -171.00 | -1.00 | -1.00 | 7.80 | 4304.00 | 100.00 | 4.70 | -11.00 | 2.92400 |
| 422998 | -2.00 | 8.50 | 2.90 | -152.00 | -1.00 | -1.00 | 6.50 | 3658.00 | 90.00 | -2.00 | -95.00 | 2.82500 |
| 422999 | -2.00 | 12.00 | 4.30 | -152.00 | -7.00 | -1.00 | 7.40 | 3874.00 | 117.00 | 4.40 | -40.00 | 2.89000 |
| 423000 | -2.00 | 9.20 | 3.40 | -208.00 | -1.00 | -1.00 | 6.70 | 4350.00 | 98.00 | 3.70 | -35.00 | 2.82000 |
| 423001 | -1.00 | 12.70 | 3.30 | -207.00 | -1.00 | -1.00 | 7.20 | 5567.00 | 114.00 | 4.40 | -20.00 | 2.82000 |
| 423002 | -2.00 | 8.10 | 3.10 | -232.00 | -2.00 | -1.00 | 6.10 | 3170.00 | 77.00 | 3.80 | 74.00 | 2.90400 |
| 423003 | -1.00 | 7.10 | 2.90 | -168.00 | -1.00 | -1.00 | 5.40 | 3218.00 | 85.00 | 2.20 | 57.00 | 2.91500 |
| 423004 | -1.00 | 8.80 | 2.30 | -178.00 | -1.00 | -9999.00 | 4.50 | 2270.00 | 61.00 | 2.10 | 48.00 | 2.15500 |
| 423005 | -1.00 | 12.50 | 3.30 | -171.00 | -1.00 | -1.00 | 10.20 | 4584.00 | 131.00 | 4.30 | -32.00 | 2.71000 |
| 423006 | -3.00 | 12.00 | 3.70 | -169.00 | -3.00 | -1.00 | 11.00 | 4830.00 | 142.00 | -2.50 | 202.00 | 2.82000 |
| 423007 | -3.00 | 14.20 | 5.00 | -241.00 | -7.00 | -1.00 | 8.80 | 4107.00 | 140.00 | -7.80 | -70.00 | 2.74000 |
| 423008 | -3.00 | 12.00 | 3.10 | -240.00 | -2.00 | -1.00 | 9.30 | 4256.00 | 115.00 | -2.70 | 135.00 | 2.84000 |
| 423009 | -2.00 | 12.70 | 4.20 | -195.00 | -1.00 | -1.00 | 10.40 | 6144.00 | 120.00 | 4.40 | -48.00 | 3.07700 |
| 423010 | -3.00 | 11.00 | 3.70 | -170.00 | -3.00 | -1.00 | 7.40 | 4898.00 | 104.00 | -7.40 | 122.00 | 2.82500 |
| 423011 | -3.00 | 10.90 | 3.40 | -9999.00 | -4.00 | -1.00 | 8.80 | -9999.00 | -102.00 | -3.40 | -114.00 | 2.82000 |
| 423012 | -2.00 | 8.00 | 4.90 | -308.00 | -2.00 | -1.00 | 9.60 | 4527.00 | 169.00 | 4.90 | 105.00 | 3.10200 |
| 423013 | -2.00 | 7.80 | 6.70 | -9999.00 | -7.00 | -1.00 | -1.40 | -9999.00 | -31.00 | -2.40 | -92.00 | 0.00000 |
| 423014 | -2.00 | 8.20 | -5.40 | -9999.00 | -5.00 | -2.00 | -3.90 | -9999.00 | 164.00 | -6.30 | 162.00 | 0.00000 |
| 423015 | -2.00 | 8.90 | -19.70 | -9999.00 | -5.00 | -12.00 | -30.40 | -9999.00 | -102.00 | -48.00 | -1395.00 | 0.00000 |
| 423016 | -2.00 | 11.80 | -1.80 | -9999.00 | -5.00 | -7.00 | -3.90 | 5483.00 | 155.00 | -6.30 | -154.00 | 0.00000 |
| 423017 | -2.00 | 8.10 | 4.80 | -4999.00 | -3.00 | -1.00 | -1.40 | -9999.00 | -255.00 | -2.10 | 581.00 | 0.00000 |
| 423018 | -2.00 | 12.00 | 2.90 | -410.00 | -3.00 | -1.00 | 5.90 | 5179.00 | 150.00 | -2.70 | 200.00 | 2.72500 |
| 423019 | -2.00 | 10.80 | 5.20 | -151.00 | -1.00 | -1.00 | 9.10 | 4205.00 | 97.00 | 4.10 | -88.00 | 2.81000 |
| 423020 | -3.00 | 14.50 | 2.80 | -277.00 | -2.00 | -1.00 | 8.30 | 5517.00 | 134.00 | 4.00 | 103.00 | 2.75000 |
| 423021 | -2.00 | 8.90 | 2.30 | -9999.00 | -1.00 | -9999.00 | 4.70 | -9999.00 | -74.00 | 3.40 | 77.00 | 2.48700 |
| 423022 | -3.00 | 10.70 | 3.00 | -9999.00 | -4.00 | -1.00 | 5.70 | -9999.00 | 59.00 | -3.40 | 312.00 | 2.82500 |
| 423023 | -2.00 | 12.80 | 3.70 | -271.00 | -2.00 | 1.00 | 6.50 | 3164.00 | 158.00 | 3.10 | -41.00 | 2.15000 |
| 423024 | -2.00 | 12.30 | -7.20 | -9999.00 | -17.00 | -8.00 | -14.30 | -9999.00 | 185.00 | -22.00 | -401.00 | 0.00000 |
| 423025 | -2.00 | 12.50 | 3.00 | -339.00 | -1.00 | -1.00 | 5.60 | 3928.00 | 148.00 | 2.50 | -13.00 | 2.35300 |
| 423026 | -1.00 | 11.70 | 2.30 | -342.00 | -3.00 | -1.00 | 5.70 | 3301.00 | 128.00 | -2.70 | 143.00 | 1.95300 |
| 423027 | -2.00 | 11.80 | 4.90 | -232.00 | -7.00 | -1.00 | 7.40 | 4979.00 | 134.00 | -2.00 | 143.00 | 2.82100 |
| 423028 | -2.00 | 12.00 | 4.30 | -590.00 | -2.00 | -1.00 | 6.40 | 3256.00 | 126.00 | 3.70 | 167.00 | 2.44500 |
| 423029 | -2.00 | 7.60 | 2.10 | -265.00 | -7.00 | -1.00 | 4.90 | 2602.00 | 97.00 | -1.90 | -113.00 | 2.48300 |
| 423030 | -2.00 | 14.30 | 3.70 | -234.00 | -3.00 | -1.00 | 6.90 | 4703.00 | 131.00 | 3.30 | -115.00 | 2.57700 |
| 423031 | -2.00 | 8.10 | 3.70 | -232.00 | -2.00 | -1.00 | 5.30 | 3742.00 | 136.00 | -1.40 | -42.00 | 2.01000 |
| 423032 | -2.00 | 8.70 | 1.00 | -9999.00 | -3.00 | -1.00 | 3.40 | -9999.00 | -82.00 | -3.70 | 409.00 | 2.48000 |
| 423033 | -2.00 | 4.10 | 3.30 | -233.00 | -7.00 | -1.00 | 3.20 | 2325.00 | 44.00 | -1.80 | -17.00 | 2.22200 |
| 423034 | -2.00 | 10.40 | 3.70 | -428.00 | -3.00 | -1.00 | 7.40 | 3880.00 | 58.00 | 5.00 | 185.00 | 2.93400 |
| 423035 | -2.00 | 12.90 | 4.00 | -370.00 | -2.00 | 1.00 | 7.80 | 4538.00 | 138.00 | 4.00 | -34.00 | 2.93000 |
| 423036 | -2.00 | 12.70 | 3.90 | -318.00 | -1.00 | -1.00 | 7.40 | 4567.00 | 138.00 | 4.70 | -168.00 | 3.01200 |
| 423037 | -4.00 | 10.10 | 2.70 | -804.00 | -4.00 | -2.00 | 3.90 | 4643.00 | 142.00 | -4.20 | -176.00 | 1.63700 |
| 423038 | -5.00 | 1.00 | -1.10 | -303.00 | -5.00 | -2.00 | -3.00 | -9999.00 | 24.00 | -5.00 | -149.00 | 0.00000 |
| 423039 | -7.00 | 12.30 | 4.30 | -191.00 | -7.00 | -1.00 | 7.30 | 3988.00 | 147.00 | 2.10 | 110.00 | 2.25200 |
| 423040 | -3.00 | -12.20 | 3.70 | -248.00 | -7.00 | -1.00 | 5.20 | 3880.00 | 152.00 | 3.70 | -82.00 | 1.78000 |

CHANDLER LAKE SURFACE SEDIMENT

FIG. ONE - T MPLE SET

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SPHT | URANIUM PPM | SILVER PPM | ARSENIC PPM | CADMIUM PPM | COBALT PPM | CHROMIUM PPM | NICKEL PPM | LEAD PPM | ZINC PPM | COPPER PPM | |
|------------|---------|----------|----|-------|--------|-------------|------------|-------------|-------------|------------|--------------|------------|----------|----------|------------|----------|
| 423129 | 44.4053 | 151.1477 | 8. | 150.0 | -9999. | 2.31 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 14.00 | 5.00 | -10.00 | -15.00 | |
| 423130 | 44.4075 | 151.1279 | 8. | 131.0 | -9999. | 2.73 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 22.00 | 6.00 | -10.00 | -15.00 | |
| 423131 | 44.4099 | 151.1253 | 8. | 1.0 | -9999. | 2.89 | -5.00 | -5.00 | -5.00 | -10.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 | |
| 423132 | 44.4091 | 151.1247 | 7. | 57.0 | -9999. | 2.83 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 14.00 | -5.00 | -10.00 | -15.00 | |
| 423133 | 44.4074 | 150.9747 | 8. | 1.0 | -9999. | 2.47 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 25.00 | 5.00 | -10.00 | -15.00 | |
| 423134 | 44.4053 | 150.9575 | 8. | 1.0 | -9999. | 2.84 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 27.00 | 7.00 | -10.00 | -15.00 | |
| 423135 | 44.4059 | 150.8494 | 8. | 1.0 | -9999. | 3.42 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |
| 423136 | 44.4051 | 150.4734 | 8. | 102.0 | -9999. | 2.83 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 53.00 | -5.00 | -10.00 | -15.00 | |
| 423137 | 44.4031 | 150.4007 | 7. | 3.0 | -9999. | 2.87 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 | |
| 423138 | 44.4039 | 150.3929 | 8. | 13.0 | -9999. | 3.75 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 38.00 | -5.00 | -10.00 | -15.00 | |
| 423139 | 44.4037 | 150.4718 | 8. | 6.0 | -9999. | 2.48 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 | |
| 423140 | 44.4034 | 150.4525 | 8. | 1.0 | -9999. | 2.50 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 423141 | 44.4034 | 150.4551 | 7. | 92.0 | -9999. | 3.16 | -5.00 | -5.00 | -5.00 | 41.00 | -20.00 | 44.00 | 10.00 | -10.00 | -15.00 | |
| 423142 | 44.4021 | 150.4000 | 7. | 150.0 | -9999. | 3.08 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 37.00 | 11.00 | -10.00 | -15.00 | |
| 423143 | 44.4021 | 150.3900 | 8. | 52.0 | -9999. | 2.44 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 46.00 | -5.00 | -10.00 | -15.00 | |
| 423144 | 44.4012 | 150.3900 | 8. | 5.0 | -9999. | 2.92 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 42.00 | -5.00 | -10.00 | -15.00 | |
| 423145 | 44.4014 | 150.3900 | 8. | 51.0 | -9999. | 2.60 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 55.00 | -5.00 | -10.00 | -15.00 | |
| 423146 | 44.4014 | 150.3900 | 8. | 30.0 | -9999. | 2.84 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 38.00 | -5.00 | -10.00 | -15.00 | |
| 423147 | 44.4011 | 150.3900 | 8. | 1.0 | -9999. | 2.77 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 | |
| 423148 | 44.4011 | 150.3824 | 7. | 1.0 | -9999. | 2.44 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 | |
| 423149 | 44.4011 | 150.3824 | 7. | 50.0 | -9999. | 2.72 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 45.00 | -5.00 | -10.00 | -15.00 | |
| 423150 | 44.4011 | 150.3824 | 7. | 50.0 | -9999. | 2.38 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 44.00 | -5.00 | -10.00 | -15.00 | |
| 423151 | 44.4011 | 150.3824 | 7. | 2.0 | -9999. | 2.68 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 423152 | 44.4011 | 150.3824 | 7. | 2.0 | -9999. | 2.98 | -5.00 | -5.00 | -5.00 | 11.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 | |
| 423153 | 44.4011 | 150.3824 | 7. | 2.0 | -9999. | 2.24 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 | |
| 423154 | 44.4011 | 150.3824 | 7. | 2.0 | -9999. | 2.27 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 | |
| 423155 | 44.4011 | 151.1000 | 7. | 1.0 | -9999. | 2.51 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 423156 | 44.4007 | 151.1014 | 7. | 1.0 | -9999. | 2.53 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 29.00 | 5.00 | -10.00 | -15.00 | |
| 423157 | 44.4011 | 151.1030 | 7. | 2.0 | -9999. | 2.72 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 31.00 | 5.00 | -10.00 | -15.00 | |
| 423158 | 44.4004 | 151.1014 | 8. | 1.0 | -9999. | 2.91 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |
| 423159 | 44.4011 | 151.1044 | 8. | 1.0 | -9999. | 2.56 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 38.00 | 5.00 | -10.00 | -15.00 | |
| 423160 | 44.4007 | 151.1028 | 8. | 5.0 | -9999. | 2.68 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 34.00 | 5.00 | -10.00 | -15.00 | |
| 423161 | 44.4007 | 151.1020 | 7. | 41.0 | -9999. | 2.97 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 43.00 | -5.00 | -10.00 | -15.00 | |
| 423162 | 44.4011 | 151.1017 | 7. | 114.0 | -9999. | 3.39 | -5.00 | -5.00 | -5.00 | 50.00 | -20.00 | 52.00 | -5.00 | -10.00 | -15.00 | |
| 423163 | 44.4011 | 151.1025 | 8. | 11.0 | -9999. | 3.24 | -5.00 | -5.00 | -5.00 | 13.00 | -20.00 | 37.00 | -5.00 | -10.00 | -15.00 | |
| 423164 | 44.4004 | 151.1031 | 8. | 1.0 | -9999. | 2.44 | -5.00 | -5.00 | -5.00 | 12.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 | |
| 423165 | 44.4007 | 151.1042 | 8. | 9.0 | -9999. | 3.02 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 47.00 | -5.00 | -10.00 | -15.00 | |
| 423166 | 44.4004 | 151.1026 | 8. | 22.0 | -9999. | 1.99 | -5.00 | -5.00 | -5.00 | 13.00 | -20.00 | 47.00 | -5.00 | -10.00 | -15.00 | |
| 423167 | 44.4022 | 151.1027 | 8. | 1.0 | -9999. | 2.92 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 | |
| 423168 | 44.4011 | 151.1013 | 7. | 14.0 | -9999. | 2.45 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 52.00 | -5.00 | -10.00 | -15.00 | |
| 423169 | 44.4011 | 151.1014 | 7. | 5.0 | -9999. | 1.70 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 | |
| 423170 | 44.4011 | 151.1013 | 7. | 1.0 | -9999. | 2.73 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 423171 | 44.4004 | 151.1014 | 7. | 2.0 | -9999. | 2.51 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 423172 | 44.4011 | 151.1004 | 8. | 50.0 | -9999. | 1.52 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 | |
| 423173 | 44.4004 | 151.1022 | 8. | 1.0 | -9999. | 1.93 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 | |
| 423174 | 44.4004 | 151.1021 | 8. | 5.0 | -9999. | 2.22 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 37.00 | -5.00 | -10.00 | -15.00 | |
| 423175 | 44.4004 | 151.1022 | 8. | 1.0 | -9999. | 2.30 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 | |
| 423176 | 44.4004 | 151.1022 | 8. | 1.0 | -9999. | 2.81 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 | |
| 423177 | 44.4004 | 151.1011 | 7. | 23.0 | -9999. | 2.30 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 423178 | 44.4004 | 151.1013 | 7. | 27.0 | -9999. | 2.73 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 423179 | 44.4004 | 151.1013 | 7. | 20.0 | -9999. | 2.77 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 35.00 | 9.00 | -10.00 | -15.00 | |

QUALITY CONTROL STREAM SEDIMENT

PG. TWO - SAMPLES

| SAMPLE NO. | AS PPM | SE PPM | ZP LPP | MO PPM | RF PPM | LI PPM | AL PPM | AU PPM | BA PPM | CA PPM | CE PPM | CL PPM | CF PPM |
|------------|--------|--------|--------|----------|----------|----------|----------|--------|---------|----------|--------|---------|--------|
| 423129 | 9.00 | -5.00 | 175.00 | -9999.00 | -9999.00 | -9999.00 | 34500.00 | -03 | 390.00 | 32730.00 | 38.00 | -68.00 | -9.30 |
| 423130 | 7.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 38990.00 | -07 | 365.00 | 57810.00 | 41.00 | -70.00 | 10.70 |
| 423131 | 9.00 | -5.00 | 311.00 | -9999.00 | -9999.00 | -9999.00 | 38160.00 | -06 | 371.00 | -841.00 | 43.00 | -70.00 | 12.10 |
| 423132 | 9.00 | -5.00 | 307.00 | -9999.00 | -9999.00 | -9999.00 | 39820.00 | -07 | 397.00 | 5464.00 | 43.00 | -73.00 | 10.10 |
| 423133 | 9.00 | -5.00 | 221.00 | -9999.00 | -9999.00 | -9999.00 | 45250.00 | -04 | 574.00 | -610.00 | 49.00 | -55.00 | 15.10 |
| 423134 | 7.00 | -5.00 | 211.00 | -9999.00 | -9999.00 | -9999.00 | 41910.00 | -07 | 458.00 | 1000.00 | 51.00 | -51.00 | 14.70 |
| 423135 | 9.00 | -5.00 | 423.00 | -9999.00 | -9999.00 | -9999.00 | 47840.00 | -08 | 495.00 | 3388.00 | 45.00 | -71.00 | 15.10 |
| 423136 | 12.00 | -5.00 | 188.00 | -9999.00 | -9999.00 | -9999.00 | 53010.00 | -04 | 1191.00 | 21840.00 | 46.00 | -89.00 | 15.40 |
| 423137 | 16.00 | -5.00 | 269.00 | -9999.00 | -9999.00 | -9999.00 | 49670.00 | -08 | 723.00 | -913.00 | 48.00 | -89.00 | 15.70 |
| 423138 | 9.00 | -5.00 | 486.00 | -9999.00 | -9999.00 | -9999.00 | 51090.00 | -07 | 448.00 | -820.00 | 49.00 | -71.00 | 16.70 |
| 423139 | 12.00 | -5.00 | 209.00 | -9999.00 | -9999.00 | -9999.00 | 45770.00 | -09 | 629.00 | -1107.00 | 55.00 | -110.00 | 14.70 |
| 423140 | 11.00 | -5.00 | 223.00 | -9999.00 | -9999.00 | -9999.00 | 34290.00 | -04 | 937.00 | -1858.00 | 42.00 | -152.00 | 39.70 |
| 423141 | 14.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 65140.00 | -08 | 694.00 | 27740.00 | 49.00 | -93.00 | 21.40 |
| 423142 | 9.00 | -5.00 | 196.00 | -9999.00 | -9999.00 | -9999.00 | 49920.00 | -06 | 1259.00 | 19980.00 | 52.00 | -85.00 | 13.90 |
| 423143 | 8.00 | -5.00 | 146.00 | -9999.00 | -9999.00 | -9999.00 | 59290.00 | -12 | 453.00 | -1245.00 | 56.00 | -123.00 | 18.50 |
| 423144 | 17.00 | -5.00 | 226.00 | -9999.00 | -9999.00 | -9999.00 | 58590.00 | -04 | 462.00 | -918.00 | 62.00 | -69.00 | 27.30 |
| 423145 | 22.00 | -5.00 | 146.00 | -9999.00 | -9999.00 | -9999.00 | 60330.00 | -10 | 919.00 | 5397.00 | 70.00 | -65.00 | 21.40 |
| 423146 | 8.00 | -5.00 | 259.00 | -9999.00 | -9999.00 | -9999.00 | 47850.00 | -05 | 509.00 | -848.00 | 72.00 | -80.00 | 14.50 |
| 423147 | 15.00 | -5.00 | 276.00 | -9999.00 | -9999.00 | -9999.00 | 45170.00 | -09 | 445.00 | -811.00 | 67.00 | -73.00 | 12.90 |
| 423148 | 14.00 | -5.00 | 214.00 | -9999.00 | -9999.00 | -9999.00 | 46120.00 | -04 | 537.00 | -982.00 | 46.00 | -77.00 | 22.30 |
| 423149 | 20.00 | -5.00 | 153.00 | -9999.00 | -9999.00 | -9999.00 | 60030.00 | -10 | 854.00 | 3096.00 | 41.00 | -103.00 | 26.30 |
| 423150 | 12.00 | -5.00 | 199.00 | -9999.00 | -9999.00 | -9999.00 | 44570.00 | -07 | 494.00 | -998.00 | 47.00 | -64.00 | 32.70 |
| 423151 | 12.00 | -5.00 | 246.00 | -9999.00 | -9999.00 | -9999.00 | 47980.00 | -09 | 583.00 | -774.00 | 49.00 | -75.00 | 14.20 |
| 423152 | 14.00 | -5.00 | 340.00 | -9999.00 | -9999.00 | -9999.00 | 37100.00 | -04 | 441.00 | -673.00 | 43.00 | -59.00 | 15.00 |
| 423153 | 7.00 | -5.00 | 147.00 | -9999.00 | -9999.00 | -9999.00 | 40980.00 | -08 | 413.00 | -807.00 | 41.00 | -67.00 | 9.80 |
| 423154 | 5.00 | -5.00 | 26.00 | -9999.00 | -9999.00 | -9999.00 | 8247.00 | 44 | -573.00 | -4191.00 | -19.00 | -172.00 | 12.80 |
| 423155 | 11.00 | -5.00 | 193.00 | -9999.00 | -9999.00 | -9999.00 | 52210.00 | -08 | 557.00 | -784.00 | 60.00 | -87.00 | 15.20 |
| 423156 | 11.00 | -5.00 | 222.00 | -9999.00 | -9999.00 | -9999.00 | 47650.00 | -04 | 457.00 | 2610.00 | 41.00 | -75.00 | 13.10 |
| 423157 | 10.00 | -5.00 | 441.00 | -9999.00 | -9999.00 | -9999.00 | 55170.00 | -12 | 651.00 | -1218.00 | 49.00 | -103.00 | 7.80 |
| 423158 | 14.00 | -5.00 | 50.00 | -9999.00 | -9999.00 | -9999.00 | 17800.00 | -19 | -500.00 | -3732.00 | -27.00 | -144.00 | 12.20 |
| 423159 | 10.00 | -5.00 | 187.00 | -9999.00 | -9999.00 | -9999.00 | 50050.00 | -08 | 494.00 | -767.00 | 73.00 | -80.00 | 22.00 |
| 423160 | 11.00 | -5.00 | 234.00 | -9999.00 | -9999.00 | -9999.00 | 45260.00 | -04 | 506.00 | -650.00 | 48.00 | -65.00 | 14.40 |
| 423161 | 22.00 | -5.00 | 175.00 | -9999.00 | -9999.00 | -9999.00 | 62080.00 | -08 | 1293.00 | 22400.00 | 57.00 | -111.00 | 19.10 |
| 423162 | 16.00 | -5.00 | 245.00 | -9999.00 | -9999.00 | -9999.00 | 59590.00 | -07 | 2428.00 | 24700.00 | 47.00 | -111.00 | 18.40 |
| 423163 | 8.00 | -5.00 | 514.00 | -9999.00 | -9999.00 | -9999.00 | 48720.00 | -08 | 394.00 | -140.00 | 102.00 | -77.00 | 15.10 |
| 423164 | 8.00 | -5.00 | 211.00 | -9999.00 | -9999.00 | -9999.00 | 46300.00 | -04 | 495.00 | -758.00 | 60.00 | -49.00 | 17.80 |
| 423165 | 11.00 | -5.00 | 325.00 | -9999.00 | -9999.00 | -9999.00 | 50080.00 | -07 | 462.00 | -802.00 | 62.00 | -42.00 | 15.20 |
| 423166 | 7.00 | -5.00 | 140.00 | -9999.00 | -9999.00 | -9999.00 | 43080.00 | -05 | 411.00 | -610.00 | 43.00 | -64.00 | 2.80 |
| 423167 | 10.00 | -5.00 | 286.00 | -9999.00 | -9999.00 | -9999.00 | 49680.00 | -09 | 525.00 | -721.00 | 59.00 | -79.00 | 13.20 |
| 423168 | 10.00 | -5.00 | 178.00 | -9999.00 | -9999.00 | -9999.00 | 55490.00 | -05 | 491.00 | -808.00 | 59.00 | -90.00 | 19.80 |
| 423169 | 9.00 | -5.00 | 122.00 | -9999.00 | -9999.00 | -9999.00 | 34650.00 | -05 | 344.00 | 1545.00 | 59.00 | -54.00 | 8.60 |
| 423170 | 14.00 | -5.00 | 991.00 | -9999.00 | -9999.00 | -9999.00 | 53170.00 | -07 | 495.00 | 2335.00 | 71.00 | -91.00 | 14.90 |
| 423171 | 12.00 | -5.00 | 171.00 | -9999.00 | -9999.00 | -9999.00 | 53070.00 | -10 | 697.00 | -735.00 | 71.00 | -80.00 | 15.40 |
| 423172 | 7.00 | -5.00 | 51.00 | -9999.00 | -9999.00 | -9999.00 | 27080.00 | -12 | 583.00 | -365.00 | -9.00 | -174.00 | 13.50 |
| 423173 | 14.00 | -5.00 | 140.00 | -9999.00 | -9999.00 | -9999.00 | 45750.00 | -10 | 502.00 | -1264.00 | 39.00 | -114.00 | 11.70 |
| 423174 | 21.00 | -5.00 | 130.00 | -9999.00 | -9999.00 | -9999.00 | 47090.00 | -08 | 479.00 | 4674.00 | 49.00 | -131.00 | 22.90 |
| 423175 | 14.00 | -5.00 | 127.00 | -9999.00 | -9999.00 | -9999.00 | 53010.00 | -12 | 473.00 | -1318.00 | 74.00 | -139.00 | 28.80 |
| 423176 | 15.00 | -5.00 | 161.00 | -9999.00 | -9999.00 | -9999.00 | 57590.00 | -05 | 795.00 | -714.00 | 57.00 | -102.00 | 10.10 |
| 423177 | 15.00 | -5.00 | 170.00 | -9999.00 | -9999.00 | -9999.00 | 48390.00 | -08 | 536.00 | 3410.00 | 50.00 | 48.00 | 13.40 |
| 423178 | 15.00 | -5.00 | 174.00 | -9999.00 | -9999.00 | -9999.00 | 65190.00 | -07 | 473.00 | 3117.00 | 61.00 | -101.00 | 20.90 |

CHANDLER LAKE STREAM SEDIMENT

| SAMPLE NO. | CR PPM | CS PPM | DY PPM | EU PPM | FE PPM | HF PPM | P PPM | LA PPM | LI PPM | MC PPM | MN PPM | NA PPM | SP PPM |
|------------|--------|--------|--------|--------|----------|--------|----------|--------|--------|----------|---------|----------|---------|
| 423129 | 72.00 | 2.00 | 4.00 | .70 | 23240.00 | 4.40 | 8318.00 | 20.00 | .70 | 7818.00 | 571.00 | 2744.00 | -24.00 |
| 423130 | 148.00 | -2.70 | 4.00 | .80 | 21590.00 | 5.40 | 9122.00 | 29.00 | .30 | 12210.00 | 529.00 | 2477.00 | -39.00 |
| 423131 | 138.00 | -1.60 | 5.00 | 1.20 | 24420.00 | 12.40 | 7951.00 | 26.00 | .30 | 3731.00 | 729.00 | 4077.00 | -33.00 |
| 423132 | 154.00 | -1.90 | 5.00 | 1.20 | 23630.00 | 14.60 | 8678.00 | 29.00 | .40 | 3451.00 | 334.00 | 2270.00 | -32.00 |
| 423133 | 208.00 | 1.90 | 5.00 | 1.00 | 30390.00 | 7.90 | 7793.00 | 28.00 | .40 | 3220.00 | 471.00 | 2723.00 | 42.00 |
| 423134 | 187.00 | 3.00 | 5.00 | 1.00 | 25120.00 | 8.10 | 8474.00 | 23.00 | .40 | 3710.00 | 311.00 | 2140.00 | -38.00 |
| 423135 | 295.00 | -1.90 | 8.00 | 1.40 | 29120.00 | 18.30 | 7611.00 | 30.00 | .50 | 4579.00 | 371.00 | 2750.00 | -36.00 |
| 423136 | 144.00 | 3.30 | 5.00 | 1.30 | 34380.00 | 6.40 | 14750.00 | 25.00 | .30 | 9441.00 | 595.00 | 7553.00 | 17.00 |
| 423137 | 320.00 | -2.30 | 6.00 | 1.80 | 30220.00 | 10.30 | 7811.00 | 35.00 | .40 | 3309.00 | 614.00 | 4453.00 | -47.00 |
| 423138 | 344.00 | 3.30 | 7.00 | 1.50 | 35190.00 | 19.50 | 12910.00 | 37.00 | .60 | 4716.00 | 665.00 | 4032.00 | -41.00 |
| 423139 | 172.00 | 3.10 | 4.00 | .90 | 30250.00 | 8.20 | -5420.00 | 27.00 | .30 | -2275.00 | 1246.00 | 5233.00 | -44.00 |
| 423140 | 164.00 | 2.00 | 4.00 | 1.10 | 37580.00 | 8.00 | -7331.00 | 28.00 | .30 | -2875.00 | 2902.00 | 5056.00 | -31.00 |
| 423141 | 104.00 | 4.60 | 5.00 | 1.30 | 39240.00 | 4.90 | 13810.00 | 24.00 | .20 | 13290.00 | 715.00 | 4455.00 | -45.00 |
| 423142 | 118.00 | 3.60 | 4.00 | 1.30 | 33900.00 | 5.80 | 10760.00 | 30.00 | .30 | 15930.00 | 795.00 | 5077.00 | 56.00 |
| 423143 | 94.00 | -3.10 | 6.00 | .90 | 24810.00 | 5.10 | 15260.00 | 24.00 | .30 | 8364.00 | 391.00 | 2372.00 | -59.00 |
| 423144 | 193.00 | 2.10 | 5.00 | 1.10 | 35440.00 | 12.30 | 10540.00 | 29.00 | .40 | 5109.00 | 759.00 | 10740.00 | 12.00 |
| 423145 | 101.00 | 4.10 | 5.00 | 1.30 | 45510.00 | 4.60 | 9820.00 | 38.00 | .40 | 4769.00 | 477.00 | 5715.00 | -40.00 |
| 423146 | 145.00 | 2.00 | 5.00 | 1.20 | 33320.00 | 10.90 | 9553.00 | 27.00 | .40 | 4126.00 | 622.00 | 6242.00 | 12.00 |
| 423147 | 172.00 | -2.10 | 5.00 | 1.30 | 45340.00 | 12.20 | 9281.00 | 31.00 | .40 | 4441.00 | 334.00 | 4416.00 | -42.00 |
| 423148 | 159.00 | 2.40 | 5.00 | .90 | 38040.00 | 7.70 | 7753.00 | 25.00 | .30 | 2441.00 | 804.00 | 4060.00 | -30.00 |
| 423149 | 93.00 | 5.10 | 7.00 | 1.40 | 63320.00 | 5.30 | 14490.00 | 28.00 | -.20 | 6419.00 | 878.00 | 5620.00 | -61.00 |
| 423150 | 139.00 | 3.00 | 4.00 | 1.10 | 45240.00 | 8.60 | 7448.00 | 31.00 | .40 | 3740.00 | 1048.00 | 4575.00 | -42.00 |
| 423151 | 141.00 | -2.50 | 5.00 | 1.20 | 39170.00 | 9.90 | 8267.00 | 28.00 | .30 | -1518.00 | 306.00 | 3774.00 | -48.00 |
| 423152 | 171.00 | 2.10 | 7.00 | 1.30 | 52370.00 | 14.00 | 4984.00 | 28.00 | .40 | 2394.00 | 238.00 | 3373.00 | -31.00 |
| 423153 | 94.00 | 3.40 | 4.00 | .90 | 23270.00 | 5.70 | 7214.00 | 30.00 | -.10 | 3052.00 | 157.00 | 2900.00 | -47.00 |
| 423154 | -22.00 | -3.10 | -6.00 | -.70 | 17760.00 | -3.20 | -9266.00 | -24.00 | -.30 | -3548.00 | 1243.00 | 545.00 | -112.00 |
| 423155 | 171.00 | 2.20 | 5.00 | 1.10 | 33970.00 | 8.90 | 4751.00 | 28.00 | .40 | 5431.00 | 512.00 | 2428.00 | -40.00 |
| 423156 | 155.00 | 3.70 | 5.00 | 1.00 | 29910.00 | 7.90 | 8955.00 | 31.00 | .40 | 4827.00 | 370.00 | 4473.00 | 69.00 |
| 423157 | 82.00 | -3.70 | 5.00 | 1.00 | 25720.00 | 5.90 | 8439.00 | -19.00 | -.20 | 4361.00 | 124.00 | 4195.00 | -70.00 |
| 423158 | 90.00 | -1.50 | -6.00 | -1.10 | 42360.00 | -3.80 | -5501.00 | -27.00 | -.30 | -3253.00 | 199.00 | 1732.00 | -124.00 |
| 423159 | 184.00 | 3.70 | 5.00 | 1.30 | 34550.00 | 7.80 | 10440.00 | 29.00 | .30 | 4916.00 | 763.00 | 4947.00 | -39.00 |
| 423160 | 249.00 | 2.90 | 5.00 | 1.20 | 33570.00 | 7.60 | 7014.00 | 31.00 | .30 | 3496.00 | 596.00 | 4440.00 | 56.00 |
| 423161 | 139.00 | -2.20 | 5.00 | 1.10 | 40260.00 | 6.40 | 19590.00 | 31.00 | .40 | 14230.00 | 979.00 | 11110.00 | -44.00 |
| 423162 | 278.00 | 2.90 | 5.00 | 1.70 | 41050.00 | 9.20 | 12720.00 | 25.00 | .50 | 15320.00 | 854.00 | 10470.00 | -41.00 |
| 423163 | 104.00 | -1.90 | 8.00 | 1.50 | 29430.00 | 22.60 | 9095.00 | 40.00 | .50 | 6587.00 | 308.00 | 4549.00 | -37.00 |
| 423164 | 157.00 | 3.20 | 5.00 | 1.60 | 32710.00 | 7.90 | 8955.00 | 25.00 | .40 | 3632.00 | 473.00 | 4997.00 | 30.00 |
| 423165 | 175.00 | -2.00 | 5.00 | 1.50 | 28990.00 | 15.10 | 12330.00 | 39.00 | .50 | 5190.00 | 425.00 | 7632.00 | -44.00 |
| 423166 | 241.00 | -1.40 | 5.00 | 1.10 | 29440.00 | 6.10 | 6719.00 | 27.00 | .30 | 3282.00 | 315.00 | 6044.00 | -29.00 |
| 423167 | 256.00 | 2.70 | 6.00 | 1.30 | 29370.00 | 11.50 | 10250.00 | 33.00 | .40 | 2430.00 | 342.00 | 3671.00 | -41.00 |
| 423168 | 261.00 | 3.30 | 6.00 | 1.00 | 35230.00 | 5.90 | 10030.00 | 30.00 | .30 | 4003.00 | 745.00 | 5935.00 | 12.00 |
| 423169 | 215.00 | -1.30 | 3.00 | 1.00 | 20500.00 | 4.10 | 5264.00 | 27.00 | .30 | 3841.00 | 210.00 | 2264.00 | -39.00 |
| 423170 | 112.00 | 3.60 | 4.00 | 1.40 | 29680.00 | 7.20 | 11090.00 | 25.00 | .30 | 5726.00 | 257.00 | 4094.00 | -39.00 |
| 423171 | 141.00 | 4.70 | 6.00 | 1.30 | 34440.00 | 7.20 | 11300.00 | 28.00 | .20 | -1695.00 | 298.00 | 4316.00 | -47.00 |
| 423172 | 80.00 | -1.40 | -3.00 | -.40 | 18120.00 | -2.10 | -7360.00 | -18.00 | -.20 | -7758.00 | 509.00 | 2040.00 | -91.00 |
| 423173 | 173.00 | -2.10 | 5.00 | 1.20 | 50030.00 | 5.40 | 6669.00 | 22.00 | -.20 | 5830.00 | 541.00 | 4532.00 | -44.00 |
| 423174 | 104.00 | -2.30 | -2.00 | 1.70 | 70130.00 | 4.80 | -5779.00 | 21.00 | .40 | 7721.00 | 1375.00 | 7531.00 | -54.00 |
| 423175 | 85.00 | -3.20 | 5.00 | 1.60 | 53370.00 | 5.30 | 8918.00 | 23.00 | .30 | -2195.00 | 992.00 | 7397.00 | -44.00 |
| 423176 | 103.00 | 3.70 | 5.00 | 1.10 | 33470.00 | 6.20 | 14090.00 | 21.00 | .30 | 5449.00 | 305.00 | 4342.00 | -36.00 |
| 423177 | 265.00 | 2.30 | 5.00 | 1.40 | 30800.00 | 8.00 | 8502.00 | 29.00 | .30 | 7236.00 | 439.00 | 4807.00 | -32.00 |
| 423178 | 239.00 | 4.50 | 5.00 | 1.20 | 41900.00 | 6.70 | 12980.00 | 32.00 | .40 | 4030.00 | 911.00 | 7899.00 | 92.00 |

CHANDLER LAKE STREAM SEDIMENT

DC. FORM - SAMPLE SET 6

| SAMPLE NO. | SR PPM | SC PPM | SM PPM | SP PPM | TA PPM | TB PPM | TH PPM | TI PPM | V PPM | VP PPM | TA PPM | TH/TA RATIO |
|------------|--------|--------|--------|---------|--------|----------|--------|----------|--------|--------|---------|-------------|
| 423129 | -1.00 | 7.70 | 2.40 | -212.00 | -1.00 | -1.00 | 5.20 | 3261.00 | 99.00 | 2.20 | 93.00 | 2.25700 |
| 423130 | -2.00 | 8.10 | 2.60 | -194.00 | -2.00 | -1.00 | 5.20 | 3842.00 | 97.00 | -2.00 | 107.00 | 1.90500 |
| 423131 | -2.00 | 8.50 | 3.40 | -232.00 | -2.00 | -1.00 | 7.10 | 3651.00 | 93.00 | 3.70 | 94.00 | 2.52500 |
| 423132 | -2.00 | 9.10 | 4.90 | -198.00 | -1.00 | -1.00 | 7.00 | 3533.00 | 94.00 | 5.30 | 143.00 | 2.47500 |
| 423133 | -1.00 | 10.40 | 3.60 | -187.00 | -1.00 | -1.00 | 7.00 | 4648.00 | 109.00 | 4.40 | -30.00 | 2.17400 |
| 423134 | -2.00 | 10.50 | 3.60 | -149.00 | -1.00 | -1.00 | 7.90 | 4691.00 | 113.00 | 3.30 | -118.00 | 2.90400 |
| 423135 | -2.00 | 10.70 | 4.60 | -208.00 | -2.00 | -1.00 | 9.60 | 5099.00 | 117.00 | 5.00 | -47.00 | 2.80900 |
| 423136 | -1.00 | 11.80 | 3.40 | -223.00 | -1.00 | -1.00 | 7.20 | 4363.00 | 124.00 | 4.10 | -42.00 | 2.54500 |
| 423137 | -1.00 | 12.30 | 4.50 | -233.00 | -3.00 | -1.00 | 9.80 | 4628.00 | 128.00 | 4.90 | 139.00 | 3.41300 |
| 423138 | -2.00 | 12.60 | 6.40 | -232.00 | -2.00 | -1.00 | 11.10 | 4976.00 | 125.00 | 6.30 | 107.00 | 2.95000 |
| 423139 | -3.00 | 9.30 | 2.50 | -392.00 | -2.00 | -1.00 | 7.00 | 3177.00 | 110.00 | 3.60 | -85.00 | 2.42500 |
| 423140 | -1.00 | 8.80 | 3.20 | -479.00 | -1.00 | -1.00 | 6.90 | 2973.00 | 90.00 | 4.10 | 104 | 2.72700 |
| 423141 | -3.00 | 14.70 | 4.40 | -239.00 | -2.00 | -1.00 | 9.40 | 4649.00 | 153.00 | 3.90 | 27 | 2.97600 |
| 423142 | -2.00 | 11.60 | 3.40 | -227.00 | -2.00 | -1.00 | 6.60 | 3231.00 | 119.00 | 2.80 | -9 | 2.14100 |
| 423143 | -3.00 | 12.50 | 3.30 | -320.00 | -2.00 | -1.00 | 6.70 | 3942.00 | 132.00 | 4.70 | -71.40 | 2.74700 |
| 423144 | -1.00 | 10.70 | 3.50 | -240.00 | -1.00 | -1.00 | 8.20 | 4618.00 | 112.00 | 4.30 | 105.00 | 2.40000 |
| 423145 | -3.00 | 13.60 | 4.10 | -263.00 | -2.00 | -1.00 | 7.70 | 4817.00 | 138.00 | -2.60 | -141.00 | 2.95000 |
| 423146 | -2.00 | 8.90 | 4.70 | -203.00 | -1.00 | -1.00 | 7.60 | 4184.00 | 98.00 | 4.30 | 144.00 | 2.87400 |
| 423147 | -2.00 | 9.70 | 4.50 | -207.00 | -1.00 | -1.00 | 7.50 | 4462.00 | 105.00 | 4.40 | 49.00 | 2.73800 |
| 423148 | -1.00 | 4.90 | 3.10 | -260.00 | -1.00 | -1.00 | 7.70 | 4146.00 | 115.00 | 3.90 | -31.00 | 3.15500 |
| 423149 | -3.00 | 13.00 | 3.70 | -294.00 | -3.00 | -1.00 | 9.90 | 4431.00 | 123.00 | -3.00 | -86.00 | 3.43800 |
| 423150 | -2.00 | 10.50 | 4.70 | -271.00 | -1.00 | -1.00 | 8.10 | 3484.00 | 103.00 | 4.90 | 185.00 | 3.40100 |
| 423151 | -3.00 | 10.70 | 4.50 | -229.00 | -2.00 | -1.00 | 8.40 | 4529.00 | 116.00 | -3.50 | -84.00 | 3.13500 |
| 423152 | -1.00 | 8.70 | 4.60 | -172.00 | -1.00 | -1.00 | 9.60 | 4250.00 | 91.00 | 5.30 | -27.00 | 3.28800 |
| 423153 | -2.00 | 8.60 | 2.80 | -158.00 | -2.00 | -1.00 | 6.60 | 3518.00 | 92.00 | -2.40 | 127.00 | 2.95800 |
| 423154 | -4.00 | 1.70 | -2.00 | -688.00 | -5.00 | -2.00 | -3.10 | -9999.00 | -19.00 | -4.80 | -147.00 | 0.00000 |
| 423155 | -2.00 | 11.70 | 3.80 | -246.00 | -2.00 | -1.00 | 7.50 | 3801.00 | 119.00 | 4.70 | -47.00 | 2.98500 |
| 423156 | -1.00 | 8.60 | 4.60 | -180.00 | -1.00 | -1.00 | 7.90 | 4141.00 | 108.00 | 2.60 | -29.00 | 3.12800 |
| 423157 | -4.00 | 11.50 | -0.90 | -218.00 | -4.00 | -1.00 | 7.00 | 4634.00 | 108.00 | -3.60 | 131.00 | 2.57100 |
| 423158 | -5.00 | 3.90 | -2.30 | -468.00 | -5.00 | -2.00 | -3.40 | -9999.00 | 56.00 | -5.80 | -158.00 | 0.00000 |
| 423159 | -2.00 | 11.30 | 3.90 | -262.00 | -2.00 | 1.00 | 10.50 | 4467.00 | 116.00 | 6.40 | -71.00 | 4.05900 |
| 423160 | -1.00 | 10.70 | 4.70 | -198.00 | -1.00 | 1.00 | 7.70 | 3987.00 | 107.00 | 5.00 | -31.00 | 2.97400 |
| 423161 | -2.00 | 14.10 | 4.90 | -263.00 | -2.00 | -1.00 | 7.10 | 4703.00 | 142.00 | -2.10 | 83.00 | 2.79700 |
| 423162 | -2.00 | 13.90 | 4.30 | -259.00 | -2.00 | -1.00 | 6.50 | 4823.00 | 152.00 | 4.40 | 145.00 | 1.91400 |
| 423163 | -2.00 | 9.80 | 6.90 | -193.00 | -1.00 | -1.00 | 12.10 | 5310.00 | 110.00 | 5.80 | -48.00 | 2.41300 |
| 423164 | -1.00 | 9.80 | 3.60 | -145.00 | -1.00 | -1.00 | 7.40 | 4529.00 | 106.00 | 3.60 | -33.00 | 3.01200 |
| 423165 | -2.00 | 10.40 | 5.30 | -189.00 | -2.00 | -1.00 | 10.00 | 4790.00 | 110.00 | 5.00 | 150.00 | 3.11600 |
| 423166 | -2.00 | 4.80 | 4.40 | -148.00 | -1.00 | -1.00 | 6.00 | 3397.00 | 90.00 | 3.90 | -33.00 | 3.01700 |
| 423167 | -2.00 | 10.40 | 4.50 | -218.00 | -1.00 | -1.00 | 7.60 | 4537.00 | 109.00 | -3.00 | 178.00 | 2.80400 |
| 423168 | -2.00 | 11.50 | 3.60 | -245.00 | -1.00 | -9999.00 | 7.60 | 4650.00 | 120.00 | 3.50 | -45.00 | 3.10400 |
| 423169 | -2.00 | 6.70 | 3.70 | -118.00 | -1.00 | -1.00 | 6.70 | 3587.00 | 76.00 | -1.40 | 49.00 | 3.93700 |
| 423170 | -2.00 | 11.50 | 5.20 | -187.00 | -2.00 | -1.00 | 8.80 | 3905.00 | 111.00 | 3.60 | 148.00 | 3.22800 |
| 423171 | -2.00 | 11.30 | 5.30 | -233.00 | -2.00 | -1.00 | 9.40 | 4240.00 | 119.00 | 5.70 | -85.00 | 3.74500 |
| 423172 | -1.00 | 7.40 | 2.00 | -589.00 | -4.00 | -1.00 | 4.30 | -9999.00 | 60.00 | -3.50 | -21.00 | 2.83300 |
| 423173 | -1.00 | 7.50 | 3.30 | -268.00 | -3.00 | -1.00 | 5.50 | 3644.00 | 97.00 | -2.80 | -88.00 | 2.84400 |
| 423174 | -3.00 | 10.40 | 3.60 | -377.00 | -3.00 | -1.00 | 7.50 | 4066.00 | 112.00 | 4.90 | 184.00 | 3.37800 |
| 423175 | -4.00 | 11.50 | 4.20 | -437.00 | -3.00 | -1.00 | 7.70 | 4257.00 | 116.00 | -4.40 | -80.00 | 3.34600 |
| 423176 | -2.00 | 11.30 | 3.10 | -231.00 | -1.00 | -1.00 | 8.00 | 3820.00 | 115.00 | 3.90 | -27.00 | 2.84900 |
| 423177 | -2.00 | 10.30 | 3.80 | -167.00 | -2.00 | -1.00 | 6.10 | 4327.00 | 107.00 | 3.80 | -93.00 | 2.73700 |
| 423178 | -2.00 | 13.90 | 4.00 | -279.00 | -2.00 | -1.00 | 8.30 | 4557.00 | 146.00 | 3.50 | 138.00 | 2.90400 |

| SAMPLE NO. | LOT. | LONG. | FM | COND. | SCINT. | UPANI DPM | SILVER DPM | BISMUTH DPM | CADMIUM DPM | COPPER DPM | NIOBIUM DPM | NICKEL DPM | LEAD DPM | TIN DPM | THORIUM DPM | |
|------------|---------|----------|----|-------|--------|-----------|------------|-------------|-------------|------------|-------------|------------|----------|----------|-------------|----------|
| 423172 | 68.8094 | 151.9490 | 8. | 33.0 | -9999. | 2.82 | -5.00 | -5.00 | -5.00 | 45.00 | -20.00 | 12.00 | 8.00 | -10.00 | -15.00 | |
| 423180 | 68.8075 | 151.9567 | 8. | 277.0 | -0000. | 7.67 | -5.00 | -5.00 | -5.00 | 42.00 | -20.00 | 70.00 | 7.00 | -10.00 | -15.00 | |
| 423181 | 68.8094 | 151.9729 | 8. | 2.0 | -9999. | 2.36 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 | |
| 423182 | 68.8075 | 151.9132 | 7. | 2.0 | -9999. | 2.16 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 | |
| 423183 | 68.8011 | 151.7956 | 6. | 1.0 | -9999. | 2.42 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 | |
| 423184 | 68.8144 | 151.8139 | 5. | 1.0 | -9999. | 1.95 | -5.00 | -5.00 | -5.00 | 45.00 | -20.00 | 28.00 | 6.00 | -10.00 | -15.00 | |
| 423185 | 68.8031 | 151.8114 | 6. | 2.0 | -9999. | 2.81 | -5.00 | -5.00 | -5.00 | 13.00 | -20.00 | 38.00 | 6.00 | -10.00 | -15.00 | |
| 423186 | 68.8139 | 151.8025 | 6. | 2.0 | -9999. | 2.60 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 | |
| 423187 | 68.8361 | 151.5514 | 6. | 2.0 | -9999. | 2.81 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 | |
| 423188 | 68.8431 | 151.5922 | 6. | 2.0 | -9999. | 3.15 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 27.00 | 8.00 | -10.00 | -15.00 | |
| 423189 | 68.8428 | 151.6717 | 6. | 1.0 | -9999. | 2.88 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 23.00 | 9.00 | -10.00 | -15.00 | |
| 423190 | 68.8461 | 151.6950 | 6. | 1.0 | -9999. | 2.47 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |
| 423191 | 68.8375 | 151.7006 | 7. | 11.0 | -9999. | 2.23 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 | |
| 423192 | 68.8325 | 151.8117 | 6. | 1.0 | -9999. | 1.20 | -5.00 | -5.00 | 13.00 | -10.00 | -20.00 | 46.00 | -5.00 | -10.00 | -15.00 | |
| 423193 | 68.8464 | 151.9408 | 6. | 2.0 | -9999. | 2.73 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 423194 | 68.8478 | 151.9414 | 6. | 2.0 | -9999. | 2.82 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 | |
| 423195 | 68.8467 | 152.0472 | 6. | 2.0 | -9999. | 2.31 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 423196 | 68.8531 | 152.0769 | 6. | 1.0 | -9999. | 2.40 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 | |
| 423197 | 68.8436 | 152.0700 | 7. | 23.0 | 10. | 2.96 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 32.00 | 6.00 | -10.00 | -15.00 | |
| 423198 | 68.8464 | 152.7581 | 7. | 5.0 | 5. | 2.91 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 423199 | 68.8403 | 152.7589 | 7. | 1.0 | 3. | 2.60 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 423200 | 68.8200 | 152.7294 | 7. | 2.0 | 10. | 2.70 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 | |
| 423201 | 68.8414 | 152.6736 | 7. | 3.0 | 10. | 2.44 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 | |
| 423202 | 68.8228 | 152.7147 | 7. | 20.0 | 5. | 2.86 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 44.00 | -5.00 | -10.00 | -15.00 | |
| 423203 | 68.8411 | 152.7576 | 7. | 13.0 | 5. | 2.95 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 43.00 | -5.00 | -10.00 | -15.00 | |
| 423204 | 68.8413 | 152.7147 | 7. | 6.0 | 5. | 2.51 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 48.00 | -5.00 | -10.00 | -15.00 | |
| 423205 | 68.8411 | 152.7171 | 7. | 1.0 | 1. | 2.88 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 47.00 | -5.00 | -10.00 | -15.00 | |
| 423206 | 68.8411 | 152.7181 | 7. | 4.0 | 1. | 2.93 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 48.00 | -5.00 | -10.00 | -15.00 | |
| 423207 | 68.8411 | 152.7153 | 7. | 105.0 | 1. | 2.68 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 24.00 | 7.00 | -10.00 | -15.00 | |
| 423208 | 68.8411 | 152.7153 | 7. | 15.0 | 3. | 2.83 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 28.00 | 6.00 | -10.00 | -15.00 | |
| 423209 | 68.8411 | 152.7153 | 7. | 2.0 | 3. | 2.46 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 423210 | 68.8283 | 152.6650 | 7. | 133.0 | 3. | 2.61 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 46.00 | -5.00 | -10.00 | -15.00 | |
| 423211 | 68.8200 | 152.6664 | 6. | 153.0 | 3. | 2.68 | -5.00 | -5.00 | -5.00 | 53.00 | -20.00 | 47.00 | 8.00 | -10.00 | -15.00 | |
| 423212 | 68.8411 | 152.7153 | 6. | 1.0 | 10. | 1.64 | -5.00 | -5.00 | 7.00 | 34.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 | |
| 423213 | 68.8411 | 152.7208 | 7. | 3.0 | 10. | 1.20 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 37.00 | -5.00 | -10.00 | -15.00 | |
| 423214 | 68.8411 | 152.7153 | 7. | 105.0 | 15. | 3.67 | -5.00 | -5.00 | -5.00 | 45.00 | -20.00 | 65.00 | 12.00 | -10.00 | -15.00 | |
| 423215 | 68.8411 | 152.7153 | 6. | 115.0 | 15. | 3.35 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 64.00 | 11.00 | -10.00 | -15.00 | |
| 423216 | 68.8411 | 152.7153 | 7. | 63.0 | 5. | 2.49 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 63.00 | 8.00 | -10.00 | -15.00 | |
| 423217 | 68.8411 | 152.7153 | 6. | 9.0 | 5. | 2.59 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 77.00 | 8.00 | -10.00 | -15.00 | |
| 423218 | 68.8411 | 152.7153 | 7. | 1.0 | 5. | 2.19 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 | |
| 423219 | 68.8411 | 152.7153 | 6. | 3.0 | 5. | 2.41 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 39.00 | 8.00 | -10.00 | -15.00 | |
| 423220 | 68.8411 | 152.7153 | 6. | 17.0 | 5. | 2.49 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 423221 | 68.8411 | 152.7153 | 7. | 1.0 | 5. | 2.47 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 48.00 | 7.00 | -10.00 | -15.00 | |
| 423222 | 68.8411 | 152.7153 | 7. | 1.0 | 5. | 2.44 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 423223 | 68.8411 | 152.7153 | 7. | 20.0 | 5. | 2.57 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |
| 423224 | 68.8411 | 152.7153 | 7. | 7.0 | 5. | 2.15 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 43.00 | -5.00 | -10.00 | -15.00 | |
| 423225 | 68.8378 | 152.7153 | 7. | 35.0 | 5. | 2.73 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 53.00 | 6.00 | -10.00 | -15.00 | |
| 423226 | 68.8411 | 152.2468 | 7. | 34.0 | 5. | 2.81 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 423227 | 68.8411 | 152.2468 | 7. | 5.0 | 1. | 1.75 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 | |
| 423228 | 68.8411 | 152.2708 | 6. | 5.0 | 5. | 1.34 | 7.00 | -5.00 | -5.00 | -10.00 | -20.00 | 8.00 | -5.00 | -10.00 | -15.00 | |

| CENTRE NO. | AS PPM | SF PPM | TD PPM | PH PPM | PF PPM | LI PPM | AI PPM | AU PPM | BA PPM | CA PPM | CE PPM | CL PPM | CR PPM |
|------------|--------|--------|--------|----------|----------|----------|----------|--------|----------|-----------|--------|----------|--------|
| 423179 | 18.00 | -5.00 | 219.00 | -9999.00 | -9999.00 | -9999.00 | 60550.00 | -0.08 | 1130.00 | 16800.00 | 25.00 | -112.00 | 18.10 |
| 423180 | 23.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 64900.00 | 0.02 | 758.00 | 12330.00 | 52.00 | -99.00 | 20.70 |
| 423181 | 16.00 | -5.00 | 187.00 | -9999.00 | -9999.00 | -9999.00 | 46760.00 | -0.08 | 606.00 | -971.00 | 54.00 | -94.00 | 14.30 |
| 423182 | 1.00 | -5.00 | 177.00 | -9999.00 | -9999.00 | -9999.00 | 45210.00 | -0.05 | 455.00 | -594.00 | 65.00 | -54.00 | 12.70 |
| 423183 | 17.00 | -5.00 | 83.00 | -9999.00 | -9999.00 | -9999.00 | 47680.00 | 1.10 | 606.00 | -1734.00 | 69.00 | 304.00 | 11.30 |
| 423184 | 7.00 | -5.00 | 55.00 | -9999.00 | -9999.00 | -9999.00 | 32420.00 | -0.27 | 729.00 | -378.00 | -25.00 | 438.00 | 17.70 |
| 423185 | 11.00 | -5.00 | 247.00 | -9999.00 | -9999.00 | -9999.00 | 92790.00 | -0.06 | 638.00 | -867.00 | 58.00 | -96.00 | 12.60 |
| 423186 | 10.00 | -5.00 | 212.00 | -9999.00 | -9999.00 | -9999.00 | 49170.00 | -0.07 | 536.00 | 2219.00 | 70.00 | -96.00 | 12.70 |
| 423187 | 17.00 | -5.00 | 179.00 | -9999.00 | -9999.00 | -9999.00 | 56700.00 | -0.05 | 998.00 | -1147.00 | 52.00 | -106.00 | 22.00 |
| 423188 | 9.00 | -5.00 | 161.00 | -9999.00 | -9999.00 | -9999.00 | 67450.00 | -0.10 | 911.00 | -1078.00 | 54.00 | 191.00 | 15.30 |
| 423189 | 5.00 | -5.00 | 289.00 | -9999.00 | -9999.00 | -9999.00 | 49470.00 | -0.06 | 483.00 | 2282.00 | 72.00 | -94.00 | 14.50 |
| 423190 | 14.00 | -5.00 | 238.00 | -9999.00 | -9999.00 | -9999.00 | 47300.00 | -0.08 | 484.00 | -1411.00 | 61.00 | -141.00 | 27.40 |
| 423191 | 27.00 | -5.00 | 157.00 | -9999.00 | -9999.00 | -9999.00 | 49490.00 | -0.05 | 492.00 | -828.00 | 44.00 | -91.00 | 7.40 |
| 423192 | 68.00 | -5.00 | 52.00 | -9999.00 | -9999.00 | -9999.00 | 19570.00 | -0.15 | -277.00 | -1501.00 | -13.00 | 413.00 | 14.70 |
| 423193 | 15.00 | -5.00 | 154.00 | -9999.00 | -9999.00 | -9999.00 | 53220.00 | -0.07 | 572.00 | 884.00 | 65.00 | -99.00 | 12.40 |
| 423194 | 12.00 | -5.00 | 185.00 | -9999.00 | -9999.00 | -9999.00 | 60070.00 | -0.10 | 666.00 | 4466.00 | 65.00 | -113.00 | 11.50 |
| 423195 | 32.00 | -5.00 | 143.00 | -9999.00 | -9999.00 | -9999.00 | 44530.00 | -0.06 | 609.00 | -1515.00 | 45.00 | -125.00 | 40.50 |
| 423196 | 13.00 | -5.00 | 183.00 | -9999.00 | -9999.00 | -9999.00 | 50810.00 | -0.09 | 431.00 | 2679.00 | 40.00 | 161.00 | 13.90 |
| 423197 | 19.00 | -5.00 | 168.00 | -9999.00 | -9999.00 | -9999.00 | 63870.00 | -0.07 | 628.00 | 4493.00 | 82.00 | -104.00 | 15.70 |
| 423198 | 17.00 | -5.00 | 105.00 | -9999.00 | -9999.00 | -9999.00 | 59680.00 | -0.09 | 610.00 | 3423.00 | 63.00 | -91.00 | 14.40 |
| 423199 | 14.00 | -5.00 | 113.00 | -9999.00 | -9999.00 | -9999.00 | 52990.00 | -0.05 | 539.00 | -752.00 | 48.00 | -81.00 | 14.90 |
| 423200 | 15.00 | -5.00 | 201.00 | -9999.00 | -9999.00 | -9999.00 | 53190.00 | -0.07 | 565.00 | -915.00 | 52.00 | 115.00 | 14.80 |
| 423201 | 11.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 49410.00 | -0.06 | 669.00 | -871.00 | 52.00 | -92.00 | 16.20 |
| 423202 | 12.00 | -5.00 | 185.00 | -9999.00 | -9999.00 | -9999.00 | 63890.00 | -0.09 | 479.00 | -907.00 | 79.00 | -85.00 | 17.20 |
| 423203 | 11.00 | -5.00 | 242.00 | -9999.00 | -9999.00 | -9999.00 | 55830.00 | -0.04 | 579.00 | -175.00 | 69.00 | -74.00 | 14.00 |
| 423204 | 15.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 55010.00 | -0.07 | 571.00 | -778.00 | 67.00 | -72.00 | 15.30 |
| 423205 | 21.00 | -5.00 | 322.00 | -9999.00 | -9999.00 | -9999.00 | 48040.00 | -0.07 | 552.00 | -1175.00 | 67.00 | -100.00 | 17.00 |
| 423206 | 14.00 | -5.00 | 179.00 | -9999.00 | -9999.00 | -9999.00 | 71960.00 | -0.09 | 565.00 | 12720.00 | 78.00 | -117.00 | 17.80 |
| 423207 | 24.00 | -5.00 | 142.00 | -9999.00 | -9999.00 | -9999.00 | 57760.00 | -0.04 | 470.00 | 9112.00 | 82.00 | -87.00 | 14.20 |
| 423208 | 2.00 | -5.00 | 134.00 | -9999.00 | -9999.00 | -9999.00 | 70370.00 | -0.10 | 597.00 | 6185.00 | 68.00 | 174.00 | 17.30 |
| 423209 | 7.00 | -5.00 | 132.00 | -9999.00 | -9999.00 | -9999.00 | 60910.00 | -0.09 | 658.00 | -1284.00 | 54.00 | 232.00 | 12.80 |
| 423210 | 27.00 | -5.00 | 122.00 | -9999.00 | -9999.00 | -9999.00 | 85880.00 | -0.08 | 964.00 | 33920.00 | 60.00 | -122.00 | 14.90 |
| 423211 | 25.00 | -5.00 | 150.00 | -9999.00 | -9999.00 | -9999.00 | 64040.00 | -0.04 | 1125.00 | 22590.00 | 44.00 | -128.00 | 20.80 |
| 423212 | 14.00 | -5.00 | 75.00 | -9999.00 | -9999.00 | -9999.00 | 67570.00 | -0.15 | -3828.00 | -14530.00 | 47.00 | -1269.00 | 190.20 |
| 423213 | 123.00 | -5.00 | 75.00 | -9999.00 | -9999.00 | -9999.00 | 22490.00 | -0.13 | -1417.00 | -13650.00 | 44.00 | -1037.00 | 132.50 |
| 423214 | 14.00 | -5.00 | 153.00 | -9999.00 | -9999.00 | -9999.00 | 81780.00 | -0.10 | 459.00 | 14400.00 | 74.00 | -115.00 | 14.00 |
| 423215 | 14.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 81000.00 | -0.05 | 735.00 | 14980.00 | 78.00 | -107.00 | 18.40 |
| 423216 | 22.00 | -5.00 | 157.00 | -9999.00 | -9999.00 | -9999.00 | 64370.00 | -0.08 | 775.00 | 14440.00 | 45.00 | -111.00 | 19.20 |
| 423217 | 10.00 | -5.00 | 153.00 | -9999.00 | -9999.00 | -9999.00 | 60990.00 | -0.06 | 716.00 | 11220.00 | 57.00 | -96.00 | 23.20 |
| 423218 | 13.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 51570.00 | -0.08 | 590.00 | -821.00 | 88.00 | -84.00 | 11.00 |
| 423219 | 21.00 | -5.00 | 154.00 | -9999.00 | -9999.00 | -9999.00 | 64510.00 | -0.05 | 834.00 | 2809.00 | 65.00 | -104.00 | 18.40 |
| 423220 | 11.00 | -5.00 | 185.00 | -9999.00 | -9999.00 | -9999.00 | 54450.00 | -0.10 | 694.00 | 2788.00 | 83.00 | -107.00 | 16.60 |
| 423221 | 11.00 | -5.00 | 185.00 | -9999.00 | -9999.00 | -9999.00 | 50290.00 | -0.07 | 659.00 | -954.00 | 64.00 | -91.00 | 22.20 |
| 423222 | 14.00 | -5.00 | 155.00 | -9999.00 | -9999.00 | -9999.00 | 47850.00 | -0.14 | 485.00 | -1326.00 | 69.00 | -122.00 | 20.10 |
| 423223 | 14.00 | -5.00 | 231.00 | -9999.00 | -9999.00 | -9999.00 | 45810.00 | -0.04 | 636.00 | 4011.00 | 52.00 | -74.00 | 14.90 |
| 423224 | 19.00 | -5.00 | 150.00 | -9999.00 | -9999.00 | -9999.00 | 41750.00 | -0.07 | 512.00 | 2457.00 | 54.00 | -77.00 | 16.40 |
| 423225 | 14.00 | -5.00 | 173.00 | -9999.00 | -9999.00 | -9999.00 | 60090.00 | -0.06 | 588.00 | 3225.00 | 54.00 | -93.00 | 15.10 |
| 423226 | 20.00 | -5.00 | 81.00 | -9999.00 | -9999.00 | -9999.00 | 61790.00 | -0.09 | 650.00 | 3830.00 | 71.00 | -114.00 | 16.30 |
| 423227 | 24.00 | -5.00 | 81.00 | -9999.00 | -9999.00 | -9999.00 | 33720.00 | -0.08 | -911.00 | -4047.00 | 39.00 | -501.00 | 143.90 |
| 423228 | 14.00 | -5.00 | 10.00 | -9999.00 | -9999.00 | -9999.00 | 25880.00 | -0.16 | -392.00 | -1767.00 | -12.00 | -176.00 | 17.10 |

| SAMPLE NO. | CP DPM | CS DPM | DV DPM | EH DPM | FE DPM | HF DPM | K DPM | LA DPM | LI DPM | PT DPM | PH DPM | NA DPM | SR DPM |
|------------|--------|--------|--------|--------|-----------|--------|-----------|--------|--------|-----------|----------|----------|---------|
| 423179 | 391.00 | 2.90 | 5.00 | 1.30 | 47180.00 | 9.70 | 11100.00 | 25.00 | .49 | 11520.00 | 890.00 | 10270.00 | 81.00 |
| 423180 | 132.00 | 4.50 | 5.00 | 1.20 | 43470.00 | 4.40 | 13900.00 | 26.00 | .30 | 10500.00 | 874.00 | 10110.00 | 52.00 |
| 423181 | 127.00 | -2.10 | 5.00 | 1.10 | 35850.00 | 6.50 | 8783.00 | 31.00 | .30 | 6125.00 | 277.00 | 7389.00 | -50.00 |
| 423182 | 119.00 | -1.50 | 5.00 | 1.10 | 24840.00 | 6.40 | 9012.00 | 25.00 | .30 | 5872.00 | 215.00 | 6890.00 | -30.00 |
| 423183 | 71.00 | -4.20 | 5.00 | 1.40 | 40540.00 | -3.20 | -5322.00 | -14.00 | -.30 | -7690.00 | 321.00 | 5047.00 | -89.00 |
| 423184 | -40.00 | -0.70 | -4.00 | -1.30 | -203.00 | -5.00 | -7094.00 | -41.00 | -.50 | -2977.00 | 377.00 | 3980.00 | -117.00 |
| 423185 | 127.00 | 3.40 | 4.00 | 1.30 | 29910.00 | 9.70 | 11070.00 | 28.00 | .40 | 5415.00 | 357.00 | 7570.00 | 75.00 |
| 423186 | 154.00 | -2.00 | 5.00 | 1.10 | 29130.00 | 8.70 | 8344.00 | 28.00 | .40 | 4410.00 | 353.00 | 7498.00 | -35.00 |
| 423187 | 98.00 | 3.80 | 5.00 | 1.20 | 39270.00 | 5.60 | 12700.00 | 27.00 | .30 | 5043.00 | 802.00 | 7529.00 | -33.00 |
| 423188 | 100.00 | -2.80 | 7.00 | 1.20 | 35650.00 | 7.00 | 14530.00 | 31.00 | .40 | 6411.00 | 349.00 | 7845.00 | -57.00 |
| 423189 | 222.00 | 3.40 | 5.00 | 1.20 | 27940.00 | 10.40 | 10190.00 | 30.00 | .40 | 6184.00 | 319.00 | 8950.00 | 77.00 |
| 423190 | 182.00 | 2.90 | 5.00 | 1.20 | 37480.00 | 9.00 | 8127.00 | 28.00 | .40 | 4860.00 | 1970.00 | 7944.00 | -44.00 |
| 423191 | 91.00 | 3.80 | 6.00 | 1.10 | 47790.00 | 5.50 | 9885.00 | 26.00 | .40 | 4244.00 | 104.00 | 9015.00 | -32.00 |
| 423192 | 43.00 | -4.20 | 4.00 | -1.70 | 148000.00 | -2.90 | -4289.00 | -29.00 | -.20 | -7129.00 | 313.00 | 2343.00 | -135.00 |
| 423193 | 102.00 | 4.50 | 5.00 | 1.10 | 29140.00 | 7.70 | 10890.00 | 27.00 | .30 | 4162.00 | 419.00 | 9384.00 | -37.00 |
| 423194 | 111.00 | 3.80 | 5.00 | 1.30 | 30300.00 | 6.80 | 11890.00 | 32.00 | .40 | 6891.00 | 342.00 | 9833.00 | -45.00 |
| 423195 | 106.00 | -1.50 | 5.00 | 1.00 | 90890.00 | 5.10 | -6327.00 | 22.00 | .40 | 2342.00 | 1602.00 | 2147.00 | -47.00 |
| 423196 | 174.00 | -2.40 | 5.00 | 1.20 | 40490.00 | 7.20 | 10260.00 | 29.00 | -.20 | 5242.00 | 383.00 | 8384.00 | -15.00 |
| 423197 | 170.00 | 4.50 | 5.00 | 1.10 | 37080.00 | 6.30 | 15080.00 | 29.00 | .30 | 8394.00 | 545.00 | 7718.00 | 85.00 |
| 423198 | 110.00 | 3.70 | 5.00 | 1.30 | 36510.00 | 5.40 | 11480.00 | 26.00 | .30 | 6745.00 | 321.00 | 4055.00 | 90.00 |
| 423199 | 70.00 | 3.40 | 5.00 | 1.10 | 47780.00 | 5.10 | 12110.00 | 25.00 | .40 | 5840.00 | 329.00 | 2288.00 | 47.00 |
| 423200 | 78.00 | -2.50 | 5.00 | 1.20 | 34050.00 | 7.80 | 8976.00 | 29.00 | .40 | 4181.00 | 511.00 | 5111.00 | -44.00 |
| 423201 | 78.00 | 4.50 | 4.00 | 1.00 | 31340.00 | 4.70 | 11330.00 | 25.00 | .40 | 4844.00 | 421.00 | 4421.00 | -27.00 |
| 423202 | 78.00 | 4.50 | 4.00 | 1.20 | 32937.00 | 7.70 | 12890.00 | 33.00 | .40 | 2188.00 | 435.00 | 4917.00 | -4.00 |
| 423203 | 78.00 | 3.40 | 5.00 | 1.20 | 35790.00 | 7.40 | 12320.00 | 30.00 | .30 | 4777.00 | 858.00 | 4198.00 | 4.00 |
| 423204 | 78.00 | 4.50 | 5.00 | 1.10 | 24470.00 | 4.40 | 10310.00 | 33.00 | .40 | 1803.00 | 155.00 | 4298.00 | -46.00 |
| 423205 | 78.00 | -1.50 | 5.00 | 1.50 | 58490.00 | 13.50 | 9255.00 | 32.00 | .40 | 1385.00 | 828.00 | 4271.00 | -46.00 |
| 423206 | 238.00 | 5.10 | 5.00 | 1.50 | 42730.00 | 7.70 | 15900.00 | 35.00 | .30 | 12730.00 | 472.00 | 12250.00 | 73.00 |
| 423207 | 519.00 | 3.20 | 5.00 | 1.10 | 38890.00 | 6.50 | 12270.00 | 27.00 | .30 | 11970.00 | 425.00 | 9847.00 | 50.00 |
| 423208 | 132.00 | 4.80 | 6.00 | 1.30 | 41020.00 | 4.30 | 16090.00 | 30.00 | .40 | 10640.00 | 429.00 | 10870.00 | -53.00 |
| 423209 | 127.00 | -2.50 | 5.00 | .90 | 31120.00 | 4.70 | 10550.00 | 25.00 | -.70 | 6033.00 | 192.00 | 3447.00 | -52.00 |
| 423210 | 98.00 | -2.30 | 5.00 | 1.20 | 43800.00 | 4.10 | 14810.00 | 24.00 | .40 | 15740.00 | 932.00 | 12950.00 | -41.00 |
| 423211 | 119.00 | 3.90 | 4.00 | 1.30 | 46000.00 | 4.90 | 13080.00 | 28.00 | .40 | 14450.00 | 1454.00 | 12280.00 | 29.00 |
| 423212 | 71.00 | -4.10 | -25.00 | 2.70 | 119100.00 | -2.70 | -79920.00 | 24.00 | -.70 | -20280.00 | 2840.00 | 4131.00 | -133.00 |
| 423213 | 73.00 | -2.40 | -6.00 | 1.50 | 179300.00 | -2.20 | -60390.00 | -11.00 | -.20 | -19920.00 | 2340.00 | 3507.00 | -98.00 |
| 423214 | 122.00 | 5.00 | 5.00 | 1.30 | 45480.00 | 5.00 | 21170.00 | 31.00 | .40 | 16060.00 | 422.00 | 11290.00 | -89.00 |
| 423215 | 141.00 | 5.00 | 5.00 | 1.20 | 49420.00 | 4.80 | 18420.00 | 34.00 | .40 | 15150.00 | 522.00 | 9788.00 | 95.00 |
| 423216 | 187.00 | 5.10 | 5.00 | 1.50 | 32870.00 | 5.00 | 11820.00 | 24.00 | .40 | 13010.00 | 862.00 | 11450.00 | -43.00 |
| 423217 | 233.00 | 3.40 | 5.00 | 1.30 | 43670.00 | 5.10 | 11780.00 | 33.00 | .40 | 10670.00 | 931.00 | 9311.00 | 19.00 |
| 423218 | 142.00 | 2.80 | 5.00 | 1.10 | 28720.00 | 7.00 | 10380.00 | 27.00 | .30 | 4028.00 | 155.00 | 4190.00 | -40.00 |
| 423219 | 88.00 | 4.10 | 5.00 | 1.10 | 43410.00 | 4.60 | 12130.00 | 31.00 | .40 | 4041.00 | 575.00 | 7231.00 | -31.00 |
| 423220 | 144.00 | 4.70 | 5.00 | 1.40 | 48540.00 | 4.10 | 11220.00 | 32.00 | .30 | 4074.00 | 527.00 | 2684.00 | -59.00 |
| 423221 | 111.00 | -3.70 | 5.00 | 1.30 | 41030.00 | 8.00 | 13940.00 | 27.00 | .40 | 3873.00 | 203.00 | 2140.00 | -40.00 |
| 423222 | 111.00 | 5.00 | 5.00 | 1.30 | 50960.00 | 5.70 | 7810.00 | 34.00 | .40 | 3434.00 | 485.00 | 5419.00 | -72.00 |
| 423223 | 172.00 | 2.60 | 5.00 | 1.10 | 33530.00 | 8.50 | 9050.00 | 24.00 | .30 | 4403.00 | 499.00 | 4305.00 | -24.00 |
| 423224 | 174.00 | -1.70 | 4.00 | 1.10 | 31440.00 | 5.50 | 9900.00 | 27.00 | .20 | 4320.00 | 478.00 | 5428.00 | -30.00 |
| 423225 | 149.00 | 3.70 | 5.00 | 1.00 | 39060.00 | 5.80 | 11640.00 | 25.00 | .30 | 7490.00 | 616.00 | 2831.00 | -21.00 |
| 423226 | 70.00 | 3.50 | 5.00 | 1.10 | 38530.00 | 8.70 | 15840.00 | 32.00 | .40 | 5787.00 | 763.00 | 4762.00 | 73.00 |
| 423227 | 14.00 | 3.50 | -4.00 | 1.20 | 121900.00 | 2.40 | -73800.00 | 27.00 | .30 | -9448.00 | 10930.00 | 3845.00 | -75.00 |
| 423228 | -24.00 | -9.20 | 5.00 | -.40 | 189500.00 | -2.90 | -10170.00 | -12.00 | -.30 | -3073.00 | 2843.00 | 3642.00 | -119.00 |

| SAMPLE NO. | SR PPM | SC PPM | SM PPM | SP PPM | TA PPM | TR PPM | TH PPM | TJ PPM | V PPM | YR PPM | ZR PPM | TH/1 RATIO |
|------------|--------|--------|--------|----------|--------|--------|--------|----------|---------|--------|---------|------------|
| 423179 | -2.00 | 13.80 | 4.60 | -290.00 | -1.00 | -1.00 | 9.30 | 4900.00 | 143.00 | -2.40 | -44.00 | 3.30000 |
| 423180 | -1.00 | 15.00 | 4.10 | -244.00 | -1.00 | -1.00 | 9.10 | 4545.00 | 155.00 | -4.70 | -33.00 | 3.37000 |
| 423181 | -2.00 | 9.60 | 3.90 | -185.00 | -2.00 | -1.00 | 9.00 | 4821.00 | 113.00 | 4.40 | -16.00 | 3.21700 |
| 423182 | -2.00 | 7.10 | 4.20 | -149.00 | -2.00 | -1.00 | 7.40 | 3717.00 | 72.00 | 4.70 | 112.00 | 3.42500 |
| 423183 | -5.00 | 12.50 | 4.40 | -417.00 | -4.00 | -2.00 | 5.40 | 2900.00 | 127.00 | -5.00 | -108.00 | 2.22200 |
| 423184 | -2.00 | 9.60 | -2.10 | -173.00 | -8.00 | -3.00 | -5.00 | -9999.00 | 85.00 | -9.30 | -72.00 | 6.01000 |
| 423185 | -2.00 | 10.30 | 3.70 | -197.00 | -1.00 | -1.00 | 7.30 | 4087.00 | 109.00 | 3.10 | -17.00 | 2.59700 |
| 423186 | -2.00 | 10.00 | 4.10 | -222.00 | -1.00 | -1.00 | 7.90 | 3474.00 | 101.00 | 4.90 | 125.00 | 3.00300 |
| 423187 | -2.00 | 11.10 | 3.90 | -294.00 | -1.00 | -1.00 | 7.90 | 4547.00 | 123.00 | 4.50 | 145.00 | 2.80200 |
| 423188 | -3.00 | 14.50 | 4.00 | -252.00 | -3.00 | -1.00 | 9.20 | 5290.00 | 145.00 | -3.00 | -74.00 | 2.62400 |
| 423189 | -2.00 | 10.70 | 5.70 | -185.00 | -2.00 | -1.00 | 8.10 | 4603.00 | 114.00 | 3.80 | 115.00 | 2.80500 |
| 423190 | -3.00 | 9.00 | 4.30 | -466.00 | -1.00 | -1.00 | 8.50 | 4000.00 | 97.00 | 3.80 | 183.00 | 3.43500 |
| 423191 | -2.00 | 9.60 | 3.90 | -176.00 | -1.00 | -1.00 | 7.40 | 4207.00 | 115.00 | 3.20 | -40.00 | 3.32700 |
| 423192 | -5.00 | 5.20 | 3.40 | -335.00 | -4.00 | -2.00 | -2.70 | -9999.00 | 75.00 | -4.60 | -136.00 | 0.00000 |
| 423193 | -2.00 | 10.70 | 3.40 | -215.00 | -2.00 | -1.00 | 7.40 | 3956.00 | 111.00 | 3.30 | -118.00 | 2.71000 |
| 423194 | -3.00 | 11.40 | 4.40 | -267.00 | -2.00 | -1.00 | 7.90 | 4645.00 | 130.00 | 3.80 | -84.00 | 2.80100 |
| 423195 | -2.00 | 10.10 | 3.40 | -423.00 | -2.00 | -1.00 | 6.90 | 3958.00 | 101.00 | -1.60 | 179.00 | 2.68100 |
| 423196 | -3.00 | 10.10 | 2.50 | -220.00 | -2.00 | -1.00 | 5.30 | 4767.00 | 101.00 | 4.10 | -142.00 | 2.42500 |
| 423197 | -2.00 | 13.00 | 4.20 | -234.00 | -2.00 | -1.00 | 8.20 | 4525.00 | 137.00 | 4.40 | 142.00 | 2.80100 |
| 423198 | -3.00 | 11.70 | 4.10 | -224.00 | -1.00 | -1.00 | 7.00 | 4738.00 | 119.00 | 4.30 | 52.00 | 2.81100 |
| 423199 | -2.00 | 11.10 | 3.90 | -202.00 | -1.00 | -1.00 | 7.00 | 4295.00 | 120.00 | 4.10 | -38.00 | 2.92400 |
| 423200 | -2.00 | 12.00 | 3.90 | -199.00 | -2.00 | -1.00 | 8.70 | 4907.00 | 128.00 | -2.20 | 88.00 | 3.22100 |
| 423201 | -2.00 | 11.20 | 4.30 | -180.00 | -1.00 | -1.00 | 6.80 | 3925.00 | 118.00 | 2.80 | 83.00 | 2.74400 |
| 423202 | -3.00 | 13.40 | 4.50 | -274.00 | -2.00 | -1.00 | 8.00 | 4823.00 | 138.00 | 3.60 | -52.00 | 3.13500 |
| 423203 | -1.00 | 13.10 | 4.30 | -222.00 | -1.00 | -1.00 | 8.10 | 5054.00 | 126.00 | 3.80 | -33.00 | 2.75700 |
| 423204 | -2.00 | 12.30 | 4.00 | -189.00 | -2.00 | -1.00 | 7.90 | 4058.00 | 125.00 | -1.80 | 182.00 | 3.14500 |
| 423205 | -2.00 | 12.50 | 4.60 | -252.00 | -1.00 | -1.00 | 7.10 | 4454.00 | 107.00 | 4.70 | 64.00 | 2.44300 |
| 423206 | -3.00 | 14.40 | 4.90 | -261.00 | -1.00 | -1.00 | 11.50 | 4596.00 | 160.00 | 4.90 | 183.00 | 3.92200 |
| 423207 | -1.00 | 12.10 | 3.80 | -198.00 | -1.00 | -1.00 | 7.70 | 4296.00 | 122.00 | 3.60 | -34.00 | 2.89200 |
| 423208 | -3.00 | 15.30 | 4.00 | -243.00 | -3.00 | -1.00 | 8.50 | 4939.00 | 156.00 | 5.00 | 70.00 | 3.00300 |
| 423209 | -3.00 | 12.10 | 3.40 | -239.00 | -3.00 | -1.00 | 7.20 | 4097.00 | 150.00 | -2.70 | 205.00 | 2.92400 |
| 423210 | -3.00 | 15.70 | 3.70 | -313.00 | -1.00 | -1.00 | 6.60 | 4531.00 | 171.00 | -2.40 | -72.00 | 2.53700 |
| 423211 | -1.00 | 15.20 | 3.40 | -331.00 | -1.00 | -1.00 | 5.70 | 4868.00 | 169.00 | 3.10 | -34.00 | 2.80600 |
| 423212 | -5.00 | 12.40 | -4.20 | -9999.00 | -4.00 | -2.00 | 7.00 | -9999.00 | -168.00 | -4.40 | -82.00 | 4.13700 |
| 423213 | -4.00 | 7.40 | 1.40 | -926.00 | -4.00 | -1.00 | 4.80 | -9999.00 | -119.00 | -3.70 | -111.00 | 4.00000 |
| 423214 | -3.00 | 14.50 | 5.30 | -267.00 | -1.00 | -1.00 | 9.00 | 4523.00 | 179.00 | 5.20 | 243.00 | 3.12500 |
| 423215 | -2.00 | 18.40 | 4.70 | -251.00 | -1.00 | 2.00 | 17.00 | 5521.00 | 180.00 | 4.50 | -41.00 | 3.58400 |
| 423216 | -2.00 | 13.90 | 4.10 | -249.00 | -2.00 | -1.00 | 7.90 | 3594.00 | 147.00 | -2.10 | 182.00 | 2.93300 |
| 423217 | -2.00 | 13.90 | 4.80 | -239.00 | -1.00 | -1.00 | 7.80 | 3825.00 | 137.00 | 3.80 | -104.00 | 3.01200 |
| 423218 | -3.00 | 10.30 | 2.10 | -193.00 | -2.00 | -1.00 | 7.50 | 3859.00 | 119.00 | 3.30 | -56.00 | 3.42500 |
| 423219 | -2.00 | 13.90 | 3.70 | -271.00 | -1.00 | -1.00 | 9.00 | 5253.00 | 146.00 | 4.80 | -43.00 | 3.09400 |
| 423220 | -3.00 | 12.30 | 3.80 | -255.00 | -3.00 | -1.00 | 8.70 | 4783.00 | 178.00 | -2.80 | -17.00 | 3.23400 |
| 423221 | -2.00 | 11.70 | 5.40 | -259.00 | -2.00 | -1.00 | 7.40 | 3892.00 | 111.00 | 3.20 | -55.00 | 2.88700 |
| 423222 | -4.00 | 11.00 | 3.90 | -222.00 | -4.00 | -1.00 | 7.30 | 4077.00 | 119.00 | 3.40 | -91.00 | 3.11600 |
| 423223 | -2.00 | 9.70 | 4.10 | -204.00 | -1.00 | -1.00 | 5.00 | 3190.00 | 108.00 | 4.10 | 120.00 | 2.79300 |
| 423224 | -3.00 | 13.80 | 4.50 | -211.00 | -2.00 | -1.00 | 8.20 | 4444.00 | 136.00 | 3.40 | 102.00 | 3.00300 |
| 423225 | -3.00 | 8.80 | 4.90 | -300.00 | -1.00 | -1.00 | 8.40 | 5442.00 | 145.00 | 5.40 | -24.00 | 2.88500 |
| 423226 | -3.00 | 8.80 | 3.00 | -9999.00 | -2.00 | -1.00 | 5.70 | -9999.00 | -50.00 | -2.40 | 204.00 | 3.25700 |
| 423227 | -5.00 | 7.50 | 4.40 | -652.00 | -3.00 | -2.00 | 4.70 | -9999.00 | 112.00 | -4.80 | -144.00 | 3.28200 |

SHANDLER LAKE STREAM SEDIMENT

PC. ONE - SAMPLE SET

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | URANIUM PPM | SILVER PPM | ARSENIC PPM | CADMIUM PPM | COPPER PPM | CHROMIUM PPM | NICKEL PPM | LEAD PPM | TIN PPM | TUNGSTEN PPM | |
|------------|---------|----------|------|-------|--------|-------------|------------|-------------|-------------|------------|--------------|------------|----------|----------|--------------|----------|
| 463229 | 68.9869 | 152.2800 | 6. | 2.0 | 5. | 2.44 | -5.00 | -5.00 | -5.00 | 11.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 | |
| 463230 | 68.9869 | 151.7389 | 8. | 45.0 | 1. | 2.90 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 67.00 | 6.00 | -10.00 | -15.00 | |
| 463231 | 68.9919 | 151.7289 | 7. | 99.0 | 7. | 3.15 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 65.00 | -5.00 | -10.00 | -15.00 | |
| 463232 | 68.6750 | 151.6217 | 8. | 95.0 | 7. | 2.96 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 55.00 | 7.00 | -10.00 | -15.00 | |
| 463233 | 68.6751 | 151.6075 | 8. | 53.0 | 7. | 2.91 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 52.00 | 10.00 | -10.00 | -15.00 | |
| 463234 | 68.6706 | 151.5900 | 8. | 6.0 | 5. | 2.37 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 39.00 | 6.00 | -10.00 | -15.00 | |
| 463235 | 68.6772 | 151.5817 | 7. | 35.0 | 5. | 3.16 | -5.00 | -5.00 | -5.00 | 44.00 | -20.00 | 66.00 | 11.00 | -10.00 | -15.00 | |
| 463236 | 68.6469 | 151.5706 | 8. | 22.0 | 8. | 2.30 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 463237 | 68.6303 | 151.6081 | 7. | 14.0 | 1. | 2.00 | -5.00 | -5.00 | -5.00 | -10.00 | -20.00 | 30.00 | -5.00 | 10.00 | -15.00 | |
| 463238 | 68.6119 | 151.6067 | 7. | 20.0 | 8. | 2.89 | -5.00 | -5.00 | -5.00 | 51.00 | -20.00 | 43.00 | 7.00 | -10.00 | -15.00 | |
| 463239 | 68.6147 | 151.6167 | 7. | 20.0 | 8. | 2.40 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 463240 | 68.6036 | 151.6281 | 7. | 5.0 | 8. | 2.78 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 463241 | 68.6044 | 151.6100 | 7. | 21.0 | 8. | 3.31 | -5.00 | -5.00 | -5.00 | 62.00 | -20.00 | 68.00 | 7.00 | -10.00 | -15.00 | |
| 463242 | 68.5931 | 151.5706 | 7. | 7.0 | 2. | 2.77 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 40.00 | 6.00 | -10.00 | -15.00 | |
| 463243 | 68.5897 | 151.5800 | 9. | 16.0 | 7. | 3.12 | -5.00 | -5.00 | -5.00 | 40.00 | -20.00 | 51.00 | 7.00 | -10.00 | -15.00 | |
| 463244 | 68.5933 | 151.7533 | 7. | 4.0 | 10. | 2.83 | -5.00 | -5.00 | -5.00 | 41.00 | -20.00 | 58.00 | 8.00 | -10.00 | -15.00 | |
| 463245 | 68.5922 | 151.7736 | 7. | 16.0 | 11. | 2.89 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 65.00 | 5.00 | -10.00 | -15.00 | |
| 463247 | 68.5031 | 151.6928 | 7. | 3.0 | 6. | 2.56 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 34.00 | 6.00 | -10.00 | -15.00 | |
| 463248 | 68.4992 | 151.6933 | 7. | 1.0 | 8. | 2.83 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 | |
| 463249 | 68.4964 | 151.7444 | 7. | 4.0 | 8. | 1.97 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 | |
| 463250 | 68.4933 | 151.8019 | 7. | 31.0 | 8. | 2.56 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 44.00 | -5.00 | 10.00 | -15.00 | |
| 463251 | 68.5611 | 151.6994 | 7.00 | 41.0 | 3. | 2.62 | -5.00 | -5.00 | -5.00 | 44.00 | -20.00 | 42.00 | -5.00 | -10.00 | -15.00 | |
| 463252 | 68.5575 | 151.9054 | 8. | 36.0 | 5. | 2.68 | -5.00 | -5.00 | -5.00 | 56.00 | -20.00 | 57.00 | -5.00 | -10.00 | -15.00 | |
| 463253 | 68.5397 | 151.8747 | 8. | 7.0 | 11. | 2.36 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 44.00 | -5.00 | -10.00 | -15.00 | |
| 463254 | 68.5361 | 151.8703 | 7. | 31.0 | 11. | 1.96 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 463255 | 68.5029 | 151.9794 | 7. | 106.0 | 5. | 2.95 | -5.00 | -5.00 | -5.00 | 44.00 | -20.00 | 47.00 | 5.00 | -10.00 | -15.00 | |
| 463256 | 68.4617 | 151.9842 | 8. | 120.0 | 10. | 1.43 | -5.00 | -5.00 | -5.00 | 53.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 463257 | 68.5570 | 151.9714 | 8. | 20.0 | 8. | 3.03 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 47.00 | 9.00 | -10.00 | -15.00 | |
| 463258 | 68.5117 | 151.9222 | 8. | 22.0 | 8. | 2.34 | -5.00 | -5.00 | -5.00 | 56.00 | -20.00 | 53.00 | -5.00 | -10.00 | -15.00 | |
| 463259 | 68.6089 | 151.9414 | 8. | 155.0 | 11. | 2.78 | -5.00 | -5.00 | -5.00 | 52.00 | -20.00 | 46.00 | -5.00 | -10.00 | -15.00 | |
| 463260 | 68.4939 | 151.9459 | 8. | 96.0 | 11. | 3.45 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 47.00 | 5.00 | -10.00 | -15.00 | |
| 463261 | 68.5100 | 152.0750 | 8. | 141.0 | 3. | 2.47 | -5.00 | -5.00 | -5.00 | 71.00 | -20.00 | 69.00 | -5.00 | -10.00 | -15.00 | |
| 463262 | 68.5100 | 152.0925 | 8. | 126.0 | 3. | 3.11 | -5.00 | -5.00 | -5.00 | 52.00 | -20.00 | 45.00 | 6.00 | -10.00 | -15.00 | |
| 463263 | 68.5422 | 152.0578 | 8. | 375.0 | 5. | 2.96 | -5.00 | -5.00 | -5.00 | 45.00 | -20.00 | 63.00 | -5.00 | -10.00 | -15.00 | |
| 463264 | 68.5531 | 152.0597 | 8. | 143.0 | 5. | 3.21 | -5.00 | -5.00 | -5.00 | 53.00 | -20.00 | 47.00 | 7.00 | -10.00 | -15.00 | |
| 463265 | 68.5678 | 152.0741 | 8. | 76.0 | 5. | 2.96 | -5.00 | -5.00 | -5.00 | 41.00 | -20.00 | 46.00 | 9.00 | -10.00 | -15.00 | |
| 463266 | 68.6103 | 152.0650 | 8. | 19.0 | 6. | 2.24 | -5.00 | -5.00 | -5.00 | 60.00 | -20.00 | 47.00 | 7.00 | -10.00 | -15.00 | |
| 463267 | 68.6406 | 152.0997 | 8. | 11.0 | 6. | 2.74 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 50.00 | 3.00 | -10.00 | -15.00 | |
| 463268 | 68.6438 | 152.0983 | 7. | 45.0 | 5. | 2.83 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 36.00 | 5.00 | -10.00 | -15.00 | |
| 463270 | 68.9693 | 152.2131 | 7. | 8.0 | 4. | 2.77 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 28.00 | 5.00 | -10.00 | -15.00 | |
| 463271 | 68.9956 | 152.1531 | 7. | 16.0 | 5. | 2.82 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 41.00 | -5.00 | -10.00 | -15.00 | |
| 463272 | 68.9514 | 152.1578 | 7. | 24.0 | 5. | 2.71 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 20.00 | -5.00 | -10.00 | -15.00 | |
| 463273 | 68.9700 | 152.1639 | 8. | 33.0 | 8. | 2.48 | -5.00 | -5.00 | -5.00 | 56.00 | -20.00 | 45.00 | 7.00 | -10.00 | -15.00 | |
| 463274 | 68.9867 | 152.1600 | 7. | 11.0 | 1. | 2.17 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 37.00 | -5.00 | 10.00 | -15.00 | |
| 463275 | 68.9954 | 152.1631 | 7. | 12.0 | 3. | 2.43 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 463276 | 68.9458 | 152.1511 | 7. | 5.0 | 3. | 2.67 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 | |
| 463277 | 68.8117 | 152.1617 | 7. | 5.0 | -9999. | 2.30 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 | |
| 463278 | 68.8124 | 152.1486 | 7. | 6.0 | 3. | 3.00 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 | |
| 463279 | 68.7708 | 152.2214 | 7. | 18.0 | 5. | 2.16 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 | |
| 463280 | 68.7656 | 152.2306 | 7. | 58.0 | 7. | 2.57 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 72.00 | 5.00 | -10.00 | -15.00 | |

CHANDLER LAKE STREAM SEDIMENT

| SAMPLE NO. | AS PPM | SE PPM | ZP PPM | MP PPM | PE PPM | PI PPM | AL PPM | AU PPM | RA PPM | CA PPM | CE PPM | CL PPM | CF PPM |
|------------|----------|----------|----------|----------|----------|----------|----------|--------|---------|----------|--------|---------|--------|
| 463229 | 11.00 | -5.00 | 202.00 | -9999.00 | -9999.00 | -9999.00 | 52190.00 | -07 | 551.00 | 3794.00 | 58.00 | -100.00 | 75.40 |
| 463230 | 17.00 | -5.00 | 194.00 | -9999.00 | -9999.00 | -9999.00 | 66460.00 | -09 | 450.00 | 3937.00 | 71.00 | -100.00 | 18.70 |
| 463231 | 11.00 | -5.00 | 232.00 | -9999.00 | -9999.00 | -9999.00 | 63230.00 | -05 | 911.00 | 2246.00 | 44.00 | -101.00 | 30.40 |
| 463232 | 18.00 | -5.00 | 189.00 | -9999.00 | -9999.00 | -9999.00 | 71710.00 | -09 | 748.00 | 10010.00 | 63.00 | -105.00 | 17.40 |
| 463233 | 22.00 | -5.00 | 171.00 | -9999.00 | -9999.00 | -9999.00 | 77950.00 | -08 | 637.00 | 14270.00 | 75.00 | -100.00 | 18.50 |
| 463234 | 14.00 | -5.00 | 175.00 | -9999.00 | -9999.00 | -9999.00 | 39800.00 | -04 | 491.00 | 7773.00 | 25.00 | -120.00 | 34.40 |
| 463235 | 13.00 | -5.00 | 157.00 | -9999.00 | -9999.00 | -9999.00 | 76790.00 | -11 | 730.00 | 11280.00 | 74.00 | -112.00 | 30.00 |
| 463236 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | 33190.00 | -04 | -215.00 | 17530.00 | 33.00 | -107.00 | 23.70 |
| 463237 | 18.00 | -5.00 | 184.00 | -9999.00 | -9999.00 | -9999.00 | 31510.00 | -09 | -227.00 | -1093.00 | 31.00 | -99.00 | 21.30 |
| 463238 | 11.00 | -5.00 | 144.00 | -9999.00 | -9999.00 | -9999.00 | 6110.00 | -09 | 846.00 | 5687.00 | 69.00 | -113.00 | 21.30 |
| 463239 | 35.00 | -5.00 | 115.00 | -9999.00 | -9999.00 | -9999.00 | 40590.00 | -15 | -572.00 | -5494.00 | 59.00 | -411.00 | 122.40 |
| 463240 | 15.00 | -5.00 | 129.00 | -9999.00 | -9999.00 | -9999.00 | 69310.00 | -07 | 703.00 | -1442.00 | 52.00 | -127.00 | 12.90 |
| 463241 | 21.00 | -5.00 | 222.00 | -9999.00 | -9999.00 | -9999.00 | 84630.00 | -10 | 858.00 | 6979.00 | 61.00 | -174.00 | 23.40 |
| 463242 | 9.00 | -5.00 | 197.00 | -9999.00 | -9999.00 | -9999.00 | 50950.00 | -07 | 542.00 | 4740.00 | 54.00 | -114.00 | 22.20 |
| 463243 | 16.00 | -5.00 | 143.00 | -9999.00 | -9999.00 | -9999.00 | 67540.00 | -13 | 687.00 | -1614.00 | 68.00 | -132.00 | 31.50 |
| 463244 | 15.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 75580.00 | -06 | 595.00 | 4731.00 | 56.00 | -117.00 | 23.70 |
| 463245 | 14.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 73210.00 | -10 | 732.00 | 5044.00 | 63.00 | -130.00 | 24.70 |
| 463247 | 13.00 | -5.00 | 117.00 | -9999.00 | -9999.00 | -9999.00 | 60980.00 | -10 | 977.00 | -1452.00 | 39.00 | -134.00 | 13.00 |
| 463248 | 17.00 | -5.00 | 120.00 | -9999.00 | -9999.00 | -9999.00 | 54090.00 | -13 | 603.00 | -1387.00 | 65.00 | -104.00 | 24.70 |
| 463249 | 16.00 | -5.00 | 12.00 | -9999.00 | -9999.00 | -9999.00 | 33920.00 | -12 | -459.00 | -3157.00 | 37.00 | -143.00 | 19.00 |
| 463250 | 8.00 | -5.00 | 109.00 | -9999.00 | -9999.00 | -9999.00 | 62170.00 | -16 | 990.00 | 8573.00 | 40.00 | -140.00 | 17.70 |
| 463251 | 14.00 | -5.00 | 161.00 | -9999.00 | -9999.00 | -9999.00 | 57310.00 | -09 | 1251.00 | 6770.00 | 48.00 | -149.00 | 27.00 |
| 463252 | 19.00 | -5.00 | 128.00 | -9999.00 | -9999.00 | -9999.00 | 80090.00 | -12 | 931.00 | 6634.00 | 44.00 | -134.00 | 22.20 |
| 463253 | 15.00 | -5.00 | 144.00 | -9999.00 | -9999.00 | -9999.00 | 55570.00 | -09 | 1041.00 | 9749.00 | 37.00 | -131.00 | 21.30 |
| 463254 | 16.00 | -5.00 | 159.00 | -9999.00 | -9999.00 | -9999.00 | 5080.00 | -12 | 1143.00 | 10170.00 | 39.00 | -190.00 | 64.20 |
| 463255 | -5.00 | -5.00 | 60.00 | -9999.00 | -9999.00 | -9999.00 | 62530.00 | -09 | 472.00 | 7347.00 | 53.00 | -100.00 | 27.40 |
| 463257 | 14.00 | -5.00 | 114.00 | -9999.00 | -9999.00 | -9999.00 | 20000.00 | -20 | -585.00 | 2990.00 | 20.00 | -270.00 | 7.90 |
| 463258 | 23.00 | -5.00 | 118.00 | -9999.00 | -9999.00 | -9999.00 | 72420.00 | -06 | 939.00 | 8542.00 | 55.00 | -177.00 | 17.80 |
| 463259 | 17.00 | -5.00 | 115.00 | -9999.00 | -9999.00 | -9999.00 | 72460.00 | -14 | 1046.00 | 5506.00 | 44.00 | -144.00 | 37.20 |
| 463260 | 13.00 | -5.00 | 106.00 | -9999.00 | -9999.00 | -9999.00 | 63730.00 | -11 | 995.00 | 6687.00 | 52.00 | -136.00 | 34.80 |
| 463261 | 29.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 58170.00 | -09 | 1566.00 | 6375.00 | 52.00 | -106.00 | 14.20 |
| 463262 | 14.00 | -5.00 | 136.00 | -9999.00 | -9999.00 | -9999.00 | 74160.00 | -13 | 1084.00 | 5490.00 | 53.00 | -132.00 | 21.50 |
| 463263 | 27.00 | -5.00 | 140.00 | -9999.00 | -9999.00 | -9999.00 | 73260.00 | -10 | 1087.00 | 38220.00 | 64.00 | -107.00 | 18.50 |
| 463264 | 15.00 | -5.00 | 122.00 | -9999.00 | -9999.00 | -9999.00 | 76850.00 | -12 | 594.00 | 20280.00 | 70.00 | -97.00 | 18.50 |
| 463265 | 14.00 | -5.00 | 125.00 | -9999.00 | -9999.00 | -9999.00 | 62210.00 | -05 | 1135.00 | 42720.00 | 47.00 | -117.00 | 15.60 |
| 463266 | 20.00 | -5.00 | 127.00 | -9999.00 | -9999.00 | -9999.00 | 64010.00 | -10 | 1291.00 | 39340.00 | 42.00 | -96.00 | 15.80 |
| 463267 | 20.00 | -5.00 | 143.00 | -9999.00 | -9999.00 | -9999.00 | 73960.00 | -09 | 918.00 | 7442.00 | 42.00 | -144.00 | 25.10 |
| 463268 | 15.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 56390.00 | -08 | 791.00 | 5701.00 | 50.00 | -149.00 | 24.80 |
| 463270 | 10.00 | -5.00 | 183.00 | -9999.00 | -9999.00 | -9999.00 | 74150.00 | -12 | 404.00 | -1239.00 | 44.00 | -131.00 | 17.70 |
| 463271 | 15.00 | -5.00 | 180.00 | -9999.00 | -9999.00 | -9999.00 | 58050.00 | -10 | 597.00 | 3685.00 | 44.00 | -174.00 | 19.50 |
| 463272 | 10.00 | -5.00 | 170.00 | -9999.00 | -9999.00 | -9999.00 | 57600.00 | -07 | 701.00 | 3775.00 | 54.00 | -93.00 | 13.80 |
| 463273 | 14.00 | -5.00 | 100.00 | -9999.00 | -9999.00 | -9999.00 | 53890.00 | -08 | 647.00 | 7082.00 | 51.00 | -97.00 | 11.90 |
| 463274 | 15.00 | -5.00 | 100.00 | -9999.00 | -9999.00 | -9999.00 | 61120.00 | -09 | -326.00 | -2387.00 | 52.00 | -142.00 | 17.10 |
| 463275 | 16.00 | -5.00 | 153.00 | -9999.00 | -9999.00 | -9999.00 | 42570.00 | -07 | 523.00 | -785.00 | 49.00 | -75.00 | 14.40 |
| 463276 | 13.00 | -5.00 | 184.00 | -9999.00 | -9999.00 | -9999.00 | 46020.00 | -08 | 559.00 | 3377.00 | 57.00 | -74.00 | 14.00 |
| 463277 | 10.00 | -5.00 | 247.00 | -9999.00 | -9999.00 | -9999.00 | 41230.00 | -09 | 476.00 | -1241.00 | 63.00 | -104.00 | 24.70 |
| 463278 | 7.00 | -5.00 | 182.00 | -9999.00 | -9999.00 | -9999.00 | 47760.00 | -14 | 873.00 | -942.00 | 47.00 | -77.00 | 16.10 |
| 463279 | 10.00 | -5.00 | 346.00 | -9999.00 | -9999.00 | -9999.00 | 55070.00 | -08 | 438.00 | -824.00 | 84.00 | -89.00 | 17.00 |
| 463280 | 20.00 | -5.00 | 177.00 | -9999.00 | -9999.00 | -9999.00 | 46070.00 | -08 | 494.00 | 1513.00 | 67.00 | -54.00 | 13.70 |
| 464280 | 20.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 59770.00 | -08 | 728.00 | 14440.00 | 56.00 | -103.00 | 18.10 |

CHAMPLAIN LAKE STREAM SEGMENT

PG. THREE - SAMPLES CONT

| SAMPLE NO. | C4 PPM | C5 PPM | DY PPM | EU PPM | FE PPM | MF PPM | M PPM | LA PPM | LI PPM | PE PPM | PN PPM | NA PPM | DP PPM |
|------------|--------|--------|--------|--------|----------|--------|-----------|--------|--------|----------|---------|----------|--------|
| 463227 | 159.00 | -1.90 | 4.00 | 1.00 | 37970.00 | 7.40 | 13320.00 | 27.00 | .40 | 5292.00 | 761.00 | 9013.00 | -42.00 |
| 463230 | 201.00 | 4.10 | 5.00 | 1.30 | 40410.00 | 9.10 | 13870.00 | 33.00 | .40 | 8261.00 | 680.00 | 8773.00 | 101.00 |
| 463231 | 205.00 | 4.30 | 6.00 | 1.30 | 41400.00 | 10.00 | 12780.00 | 31.00 | .40 | 10350.00 | 627.00 | 9259.00 | 51.00 |
| 463232 | 221.00 | 5.00 | 7.00 | 1.50 | 40710.00 | 7.30 | 14480.00 | 38.00 | .40 | 13150.00 | 483.00 | 9771.00 | -51.00 |
| 463233 | 113.00 | 6.00 | 6.00 | 1.60 | 48480.00 | 6.90 | 19890.00 | 34.00 | .40 | 15910.00 | 462.00 | 11140.00 | 86.00 |
| 463234 | 108.00 | 2.70 | 3.00 | .80 | 41430.00 | 5.00 | 14980.00 | 18.00 | .30 | 2530.00 | 2254.00 | 4865.00 | -32.00 |
| 463235 | 144.00 | 5.40 | 6.00 | 1.50 | 44580.00 | 6.30 | 20140.00 | 35.00 | .60 | 12700.00 | 594.00 | 9492.00 | -53.00 |
| 463236 | 73.00 | -1.10 | -2.00 | 1.00 | 40590.00 | 4.20 | -5126.00 | 23.00 | .30 | 4566.00 | 1984.00 | 4071.00 | -26.00 |
| 463237 | 109.00 | -2.50 | 4.00 | .80 | 46760.00 | 6.30 | -4908.00 | -12.00 | -.10 | -1096.00 | 1023.00 | 4230.00 | -57.00 |
| 463238 | 110.00 | 4.80 | 5.00 | 1.50 | 49790.00 | 5.50 | 16210.00 | 31.00 | .40 | 8491.00 | 984.00 | 8621.00 | -48.00 |
| 463239 | 73.00 | -1.30 | -3.00 | 1.30 | 96760.00 | 5.90 | -18380.00 | -10.00 | -.20 | -7263.00 | 9010.00 | 6525.00 | -86.00 |
| 463240 | 103.00 | 4.90 | 5.00 | 1.00 | 43590.00 | 4.70 | 12940.00 | 24.00 | .30 | 8988.00 | 231.00 | 11450.00 | -30.00 |
| 463241 | 110.00 | 5.80 | 6.00 | 1.70 | 50140.00 | 8.00 | 22610.00 | 27.00 | .60 | 12950.00 | 1007.00 | 11500.00 | 93.00 |
| 463242 | 144.00 | 3.30 | 5.00 | 1.10 | 34880.00 | 7.50 | 9730.00 | 30.00 | .30 | 5211.00 | 1502.00 | 9218.00 | -38.00 |
| 463243 | 113.00 | 5.10 | 6.00 | 1.20 | 47350.00 | 5.40 | 13270.00 | 25.00 | .40 | 9401.00 | 1404.00 | 9857.00 | -60.00 |
| 463244 | 118.00 | 4.90 | 5.00 | 1.20 | 51750.00 | 4.20 | 18360.00 | 32.00 | .30 | 11450.00 | 843.00 | 10690.00 | 88.00 |
| 463245 | 124.00 | 5.40 | 5.00 | 1.40 | 43440.00 | 5.20 | 18810.00 | 29.00 | .50 | 12740.00 | 1377.00 | 11590.00 | -53.00 |
| 463247 | 100.00 | 4.00 | 3.00 | 1.00 | 4450.00 | 4.50 | 10250.00 | -11.00 | .40 | 2150.00 | 913.00 | 10550.00 | -57.00 |
| 463248 | 81.00 | -3.10 | 4.00 | 1.10 | 56990.00 | 4.30 | 9774.00 | 31.00 | .30 | -1588.00 | 447.00 | 5247.00 | -57.00 |
| 463249 | 74.00 | -4.20 | 5.00 | 1.20 | 44960.00 | -1.70 | -7262.00 | -18.00 | -.20 | -3238.00 | 415.00 | 2469.00 | -80.00 |
| 463250 | 104.00 | -1.90 | 5.00 | 1.30 | 23500.00 | -2.60 | 12360.00 | -22.00 | -.20 | 8502.00 | 1208.00 | 16930.00 | -88.00 |
| 463251 | 137.00 | -2.30 | 5.00 | 1.50 | 47840.00 | 6.00 | -6348.00 | 22.00 | -.10 | 9405.00 | 1672.00 | 12900.00 | -45.00 |
| 463252 | 105.00 | -5.10 | 5.00 | 1.30 | 57080.00 | 4.90 | 25550.00 | 34.00 | .30 | 15590.00 | 1072.00 | 13710.00 | -52.00 |
| 463253 | 127.00 | 2.50 | 4.00 | 1.00 | 43060.00 | 5.20 | 11140.00 | 20.00 | .30 | 7209.00 | 1397.00 | 13450.00 | 14.00 |
| 463254 | 134.00 | -3.16 | 5.00 | 1.60 | 64940.00 | 3.80 | -9530.00 | -13.00 | -.20 | 7977.00 | 2496.00 | 13790.00 | -73.00 |
| 463255 | 170.00 | -7.40 | 5.00 | 1.60 | 62500.00 | 8.60 | 13070.00 | 23.00 | -.20 | 11570.00 | 1969.00 | 12750.00 | -53.00 |
| 463257 | -27.00 | -4.30 | -7.00 | -.70 | -111.00 | -3.40 | -13650.00 | -21.00 | -.40 | -4975.00 | 2920.50 | 2816.00 | -94.00 |
| 463258 | 107.00 | 5.00 | 7.00 | 1.30 | 45290.00 | 4.50 | 17210.00 | 29.00 | .40 | 10020.00 | 1108.00 | 9447.00 | 59.00 |
| 463259 | 96.00 | 4.50 | 5.00 | 1.80 | 61410.00 | 5.30 | 14330.00 | -16.00 | -.20 | 14550.00 | 964.00 | 13320.00 | -80.00 |
| 463260 | 96.00 | 3.40 | 4.00 | 1.30 | 73760.00 | 3.70 | 11090.00 | 26.00 | .40 | 10170.00 | 1184.00 | 11030.00 | -72.00 |
| 463261 | 117.00 | 6.40 | 6.00 | 1.70 | 38130.00 | 3.90 | 17190.00 | 31.00 | .30 | 19170.00 | 919.00 | 10370.00 | -41.00 |
| 463262 | 104.00 | 4.90 | 5.00 | 1.40 | 53980.00 | 5.70 | 17070.00 | -14.00 | .60 | 14880.00 | 1272.00 | 14660.00 | -54.00 |
| 463263 | 67.00 | 4.50 | 5.00 | 1.10 | 55000.00 | 4.90 | 21350.00 | 38.00 | .40 | 14271.00 | 497.00 | 10250.00 | 18.00 |
| 463264 | 100.00 | 3.80 | 4.00 | 1.20 | 41910.00 | 3.70 | 18510.00 | 26.00 | .30 | 15730.00 | 402.00 | 10040.00 | 103.00 |
| 463265 | 127.00 | 4.00 | 5.00 | 1.60 | 46370.00 | 4.30 | 17860.00 | 36.00 | .40 | 15450.00 | 708.00 | 10140.00 | 114.00 |
| 463266 | 120.00 | 4.10 | 4.00 | 1.30 | 52210.00 | 4.20 | 16190.00 | 26.00 | .40 | 14420.00 | 1001.00 | 12610.00 | -49.00 |
| 463267 | 119.00 | 4.80 | 4.00 | 1.30 | 49930.00 | 4.10 | 16290.00 | 32.00 | .40 | 10340.00 | 2003.00 | 12170.00 | -46.00 |
| 463268 | 114.00 | 5.10 | 5.00 | 1.10 | 42100.00 | 5.30 | 14830.00 | 31.00 | .50 | 8784.00 | 488.00 | 11330.00 | -58.00 |
| 463270 | 110.00 | -2.60 | 5.00 | .90 | 28050.00 | 5.80 | 10480.00 | 34.00 | .30 | 4715.00 | 941.00 | 9311.00 | -54.00 |
| 463271 | 101.00 | 3.50 | 5.00 | 1.20 | 12470.00 | 7.10 | 10930.00 | 26.00 | .30 | 5230.00 | 471.00 | 8371.00 | -47.00 |
| 463272 | 111.00 | 3.70 | 5.00 | 1.20 | 26370.00 | 6.30 | 9051.00 | 24.00 | .20 | 4271.00 | 481.00 | 8196.00 | -40.00 |
| 463273 | 100.00 | -2.50 | 4.00 | 1.20 | 27790.00 | 3.20 | 13340.00 | 20.00 | .30 | 6399.00 | 292.00 | 5711.00 | -57.00 |
| 463274 | 185.00 | -1.60 | 4.00 | 1.20 | 7360.00 | 6.00 | 8733.00 | 27.00 | .40 | 4770.00 | 597.00 | 4871.00 | -40.00 |
| 463275 | 147.00 | 2.70 | 5.00 | .80 | 33000.00 | 7.50 | 10380.00 | 26.00 | .30 | 6323.00 | 445.00 | 4716.00 | -31.00 |
| 463276 | 201.00 | -2.60 | 5.00 | -1.50 | 38680.00 | 9.00 | 10750.00 | 40.00 | .40 | 4154.00 | 1377.00 | 5570.00 | -44.00 |
| 463277 | 152.00 | 2.40 | 4.00 | 1.00 | 37610.00 | 5.70 | 8190.00 | 31.00 | .30 | 2293.00 | 518.00 | 6521.00 | -26.00 |
| 463278 | 328.00 | -2.20 | 7.00 | 1.80 | 26110.00 | 14.30 | 10380.00 | 47.00 | .50 | 4500.00 | 368.00 | 7165.00 | -47.00 |
| 463279 | 146.00 | 2.20 | 5.00 | 1.10 | 29170.00 | 4.70 | 8903.00 | 34.00 | .20 | 4509.00 | 268.00 | 5789.00 | -29.00 |
| 463280 | 170.00 | 3.50 | 5.00 | 1.10 | 42780.00 | 5.50 | 11610.00 | 25.00 | .30 | 15790.00 | 878.00 | 10950.00 | -40.00 |

CHANDLER LAKE STREAM SEDIMENT

PC. 87410 - SAMPLE SET 9

| SAMPLE NO. | SR PPM | SC PPM | SM PPM | SP PPM | TA PPM | TR PPM | TH PPM | TI PPM | V PPM | VR PPM | TM PPM | TH/U PARTS |
|------------|--------|--------|--------|----------|--------|----------|--------|----------|--------|--------|---------|------------|
| 463231 | -2.00 | 10.50 | 4.20 | -266.00 | -2.00 | -1.00 | 6.90 | 4433.00 | 104.00 | 5.20 | 104.00 | 2.42500 |
| 463232 | -3.00 | 13.40 | 4.30 | -257.00 | -1.00 | -1.00 | 6.30 | 4623.00 | 137.00 | 4.70 | -52.00 | 2.42500 |
| 463233 | -2.00 | 13.70 | 4.40 | -255.00 | -1.00 | -1.00 | 6.90 | 5222.00 | 134.00 | 5.30 | -39.00 | 2.42500 |
| 463234 | -3.00 | 15.50 | 5.00 | -237.00 | -2.00 | -1.00 | 10.40 | 5037.00 | 152.00 | -2.90 | -47.00 | 3.52400 |
| 463235 | -3.00 | 17.10 | 5.50 | -232.00 | -2.00 | -1.00 | 6.40 | 4501.00 | 164.00 | 5.30 | -131.00 | 2.42500 |
| 463236 | -1.00 | 6.30 | 3.00 | -420.00 | -1.00 | -1.00 | 6.20 | 2779.00 | 91.00 | 3.10 | 136.00 | 2.42500 |
| 463237 | -3.00 | 15.80 | 5.50 | -244.00 | -2.00 | -1.00 | 10.70 | 5242.00 | 171.00 | 6.00 | -65.00 | 3.39000 |
| 463238 | -1.00 | 7.90 | 2.90 | -328.00 | -1.00 | -9999.00 | 4.60 | 1812.00 | 77.00 | 2.10 | 104.00 | 2.00000 |
| 463239 | -3.00 | 6.20 | 2.20 | -352.00 | -3.00 | -1.00 | 4.90 | 2599.00 | 42.00 | -2.40 | -72.00 | 2.45100 |
| 463240 | -3.00 | 15.10 | 4.40 | -313.00 | -2.00 | -1.00 | 7.90 | 4326.00 | 182.00 | 2.60 | 191.00 | 2.73700 |
| 463241 | -4.00 | 12.80 | 2.10 | -9999.00 | -4.00 | -1.00 | 6.47 | -9999.00 | 40.00 | -4.30 | -106.00 | 2.42700 |
| 463242 | -2.00 | 15.10 | 2.60 | -248.00 | -2.00 | -1.00 | 6.90 | 4752.00 | 152.00 | 3.40 | -56.00 | 2.42100 |
| 463243 | -3.00 | 19.90 | 4.90 | -336.00 | -2.00 | -1.00 | 6.80 | 5201.00 | 167.00 | 4.90 | -40.00 | 2.45000 |
| 463244 | -2.00 | 11.90 | 4.90 | -341.00 | -2.00 | -1.00 | 4.0 | 4561.00 | 133.00 | 2.90 | 151.00 | 2.36000 |
| 463245 | -4.00 | 15.50 | 2.40 | -370.00 | -3.00 | -1.00 | 7.10 | 4971.00 | 182.00 | -3.30 | -74.00 | 2.51000 |
| 463246 | -2.00 | 17.70 | 3.60 | -274.00 | -1.00 | -1.00 | 7.00 | 4994.00 | 265.00 | 4.80 | -41.00 | 3.12500 |
| 463247 | -3.00 | 17.00 | 4.40 | -412.00 | -2.00 | -1.00 | 6.50 | 3856.00 | 195.00 | -2.60 | 202.00 | 2.74700 |
| 463248 | -3.00 | 13.00 | -1.10 | -372.00 | -3.00 | -1.00 | 5.40 | 5339.00 | 177.00 | -2.90 | -12.00 | 2.11000 |
| 463249 | -4.00 | 10.40 | 2.10 | -264.00 | -4.00 | -1.00 | 5.70 | 4586.00 | 127.00 | -3.70 | -43.00 | 2.31400 |
| 463250 | -4.00 | 10.70 | 2.60 | -509.00 | -3.00 | -1.00 | 5.40 | -9999.00 | 98.00 | -3.70 | -34.00 | 2.24700 |
| 463251 | -5.00 | 10.30 | -1.10 | -554.00 | -5.00 | -2.00 | 2.70 | 4930.00 | 150.00 | -4.50 | 222.00 | 0.00000 |
| 463252 | -4.00 | 10.40 | 4.20 | -404.00 | -2.00 | -1.00 | 4.90 | 5876.00 | 152.00 | -2.50 | 147.00 | 1.44900 |
| 463253 | -4.00 | 11.80 | 3.60 | -307.00 | -2.00 | -1.00 | 7.40 | 6323.00 | 211.00 | 4.80 | -73.00 | 2.72200 |
| 463254 | -2.00 | 15.50 | 3.00 | -321.00 | -1.00 | -1.00 | 4.30 | 3924.00 | 162.00 | 5.20 | -44.00 | 1.42100 |
| 463255 | -4.00 | 10.70 | 2.50 | -411.00 | -3.00 | -1.00 | 5.30 | 5452.00 | 114.00 | -3.40 | 212.00 | 2.70300 |
| 463256 | -4.00 | 10.40 | 4.60 | -454.00 | -1.00 | -1.00 | 6.20 | 5216.00 | 153.00 | 4.40 | -154.00 | 2.10100 |
| 463257 | -4.00 | 10.40 | -2.60 | -924.00 | -4.00 | -2.00 | -3.40 | -9999.00 | 114.00 | -5.40 | -54.00 | 0.00000 |
| 463258 | -4.00 | 10.40 | 3.60 | -344.00 | -1.00 | -1.00 | 7.40 | 4563.00 | 164.00 | 2.40 | -44.00 | 2.57700 |
| 463259 | -4.00 | 10.70 | 3.40 | -530.00 | -4.00 | -1.00 | -2.30 | 5975.00 | 224.00 | -3.90 | 144.00 | 4.00000 |
| 463260 | -4.00 | 15.00 | 4.90 | -390.00 | -3.00 | -1.00 | 5.50 | 5213.00 | 142.00 | -3.20 | 133.00 | 1.44000 |
| 463261 | -3.00 | 13.70 | 2.90 | -244.00 | -2.00 | -1.00 | 5.10 | 4129.00 | 159.00 | -2.30 | -47.00 | 1.47000 |
| 463262 | -4.00 | 20.90 | 4.40 | -210.00 | -2.00 | -1.00 | 7.70 | 3835.00 | 148.00 | -3.30 | -44.00 | 2.11400 |
| 463263 | -3.00 | 17.10 | 5.40 | -281.00 | -2.00 | -1.00 | 7.10 | 3971.00 | 165.00 | 4.50 | -42.00 | 2.22300 |
| 463264 | -4.00 | 18.30 | 3.90 | -231.00 | -2.00 | -1.00 | 6.90 | 5037.00 | 185.00 | 4.20 | 111.00 | 3.06300 |
| 463265 | -2.00 | 14.40 | 3.70 | -270.00 | -1.00 | -1.00 | 6.20 | 4323.00 | 151.00 | 5.40 | -42.00 | 1.93100 |
| 463266 | -3.00 | 14.70 | 3.40 | -219.00 | -2.00 | -1.00 | 4.30 | 3509.00 | 154.00 | 4.40 | 212.00 | 2.46100 |
| 463267 | -4.00 | 17.00 | 3.00 | -345.00 | -2.00 | -1.00 | 6.40 | 5554.00 | 199.00 | 4.00 | 144.00 | 2.45700 |
| 463268 | -4.00 | 16.50 | 4.10 | -421.00 | -1.00 | -1.00 | 6.30 | 4472.00 | 156.00 | 4.90 | 111.00 | 3.03600 |
| 463269 | -4.00 | 14.30 | 2.40 | -314.00 | -3.00 | -1.00 | 9.20 | 4783.00 | 154.00 | -3.10 | -134.00 | 3.24700 |
| 463270 | -3.00 | 11.50 | 4.50 | -275.00 | -3.00 | -1.00 | 7.40 | 4375.00 | 123.00 | -2.40 | 164.00 | 2.47400 |
| 463271 | -2.00 | 11.20 | 4.60 | -272.00 | -2.00 | -1.00 | 9.10 | 4781.00 | 132.00 | 5.10 | 79.00 | 2.27400 |
| 463272 | -2.00 | 11.20 | 4.20 | -209.00 | -2.00 | -1.00 | 6.60 | 4612.00 | 104.00 | 4.50 | -44.00 | 2.50400 |
| 463273 | -4.00 | 14.20 | 4.20 | -270.00 | -2.00 | -1.00 | 6.40 | 3078.00 | 145.00 | -2.70 | -74.00 | 3.22400 |
| 463274 | -4.00 | 14.70 | 3.30 | -224.00 | -2.00 | -1.00 | 6.00 | 3445.00 | 161.00 | -1.40 | 11.00 | 3.49000 |
| 463275 | -4.00 | 15.40 | 3.40 | -187.00 | -2.00 | -1.00 | 7.20 | 4352.00 | 116.00 | 3.00 | 142.00 | 2.91700 |
| 463276 | -4.00 | 10.40 | 5.40 | -307.00 | -1.00 | -1.00 | 10.70 | 4113.00 | 117.00 | 4.40 | 140.00 | 4.00200 |
| 463277 | -1.00 | 10.50 | 4.00 | -122.00 | -1.00 | -1.00 | 7.70 | 4004.00 | 114.00 | 4.20 | 72.00 | 3.34400 |
| 463278 | -2.00 | 11.30 | 6.00 | -226.00 | -2.00 | -1.00 | 12.00 | 4948.00 | 119.00 | 4.40 | 104.00 | 4.00000 |
| 463279 | -2.00 | 4.80 | 4.40 | -144.00 | -1.00 | -1.00 | 7.90 | 4214.00 | 104.00 | 3.10 | -34.00 | 2.42300 |
| 463280 | -2.00 | 13.50 | 4.30 | -234.00 | -1.00 | -1.00 | 7.40 | 4004.00 | 135.00 | 4.40 | -45.00 | 3.04000 |

CHANDLER LAKE STREAM SEDIMENT

PG. ONE - SAMPLE SET Q

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | UPANIUM PPM | SILVER PPM | DISPHUM PPM | CADMIUM PPM | COPPER PPM | NICKEL PPM | NICKEL PPM | LEAD PPM | ZIN PPM | THIOSTEM PPM |
|------------|---------|----------|----|-------|--------|-------------|------------|-------------|-------------|------------|------------|------------|----------|----------|--------------|
| 463241 | 48.7372 | 152.1658 | 8. | 6.0 | 5. | 3.14 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 45.00 | -5.00 | -10.00 | -15.00 |
| 463242 | 48.7314 | 152.1611 | 7. | 25.0 | 1. | 2.71 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 51.00 | -5.00 | -10.00 | -15.00 |
| 463243 | 48.7414 | 152.1343 | 7. | 74.0 | 3. | 3.16 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 76.00 | 5.00 | -10.00 | -15.00 |
| 463244 | 48.7650 | 152.1511 | 7. | 58.0 | 7. | 3.09 | -5.00 | -5.00 | -5.00 | 41.00 | -20.00 | 71.00 | 6.00 | -10.00 | -15.00 |
| 463245 | 48.7697 | 152.1655 | 8. | 31.0 | 8. | 2.94 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 69.00 | 5.00 | -10.00 | -15.00 |
| 463246 | 48.7424 | 152.1281 | 7. | 44.0 | 3. | 3.23 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 61.00 | 9.00 | -10.00 | -15.00 |
| 463247 | 48.9754 | 152.1781 | 7. | 7.0 | 5. | 2.97 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 |
| 463248 | 48.9404 | 152.1447 | 7. | 9.0 | 15. | 2.90 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 |
| 463249 | 48.9775 | 151.1291 | 7. | 15.0 | 5. | 2.59 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 463250 | 48.9931 | 151.1400 | 7. | 14.0 | 5. | 3.06 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 38.00 | 6.00 | -10.00 | -15.00 |
| 463251 | 48.9713 | 151.1407 | 8. | 10.0 | 10. | 2.97 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 32.00 | 6.00 | -10.00 | -15.00 |
| 463252 | 48.9704 | 151.1497 | 8. | 11.0 | 3. | 2.64 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 463253 | 48.9763 | 151.1547 | 8. | 9.0 | 1. | 2.96 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 28.00 | 7.00 | -10.00 | -15.00 |
| 463254 | 48.9774 | 151.1494 | 8. | 10.0 | 1. | 3.15 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 |
| 463255 | 48.9900 | 151.1484 | 8. | 13.0 | 3. | 3.03 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 |
| 463256 | 48.9712 | 151.1494 | 8. | 9.0 | 1. | 3.05 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 31.00 | 10.00 | -10.00 | -15.00 |
| 463257 | 48.9754 | 151.1433 | 8. | 14.0 | 3. | 2.71 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 23.00 | 5.00 | -10.00 | -15.00 |
| 463258 | 48.9754 | 151.1433 | 8. | 15.0 | 3. | 2.59 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 463259 | 48.9754 | 151.1433 | 8. | 21.0 | 3. | 2.49 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 31.00 | 5.00 | -10.00 | -15.00 |
| 463300 | 48.9754 | 151.1433 | 7. | 44.0 | 3. | 3.17 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 |

CHANDLER LAKE STREAM SEDIMENT

PG. TWO - SAMPLE SET Q

| SAMPLE NO. | AS PPM | SE PPM | FE PPM | CO PPM | NI PPM | LI PPM | AL PPM | AU PPM | SI PPM | CF PPM | CF PPM | SI PPM | CF PPM |
|------------|----------|----------|----------|----------|----------|----------|----------|--------|---------|----------|--------|---------|--------|
| 463241 | 17.00 | -5.00 | 202.00 | -9999.00 | -9999.00 | -9999.00 | 64420.00 | -0.05 | 732.00 | -925.00 | 70.00 | -14.00 | 17.00 |
| 463242 | 15.00 | -5.00 | 201.00 | -9999.00 | -9999.00 | -9999.00 | 61100.00 | -0.08 | 747.00 | -722.00 | 63.00 | -14.00 | 18.10 |
| 463243 | 17.00 | -5.00 | 183.00 | -9999.00 | -9999.00 | -9999.00 | 73070.00 | -0.04 | 674.00 | 4773.00 | 29.00 | -14.00 | 14.70 |
| 463244 | 14.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 77480.00 | -0.10 | 640.00 | 12910.00 | 70.00 | -111.00 | 14.10 |
| 463245 | 70.00 | -5.00 | 147.00 | -9999.00 | -9999.00 | -9999.00 | 65290.00 | -0.05 | 1143.00 | 5357.00 | 51.00 | -270.00 | 23.20 |
| 463246 | 14.00 | -5.00 | 157.00 | -9999.00 | -9999.00 | -9999.00 | 80490.00 | -0.09 | 1292.00 | 4392.00 | 64.00 | -27.00 | 15.40 |
| 463247 | 10.00 | -5.00 | 234.00 | -9999.00 | -9999.00 | -9999.00 | 54870.00 | -0.07 | 729.00 | -823.00 | 73.00 | -14.00 | 10.40 |
| 463248 | 17.00 | -5.00 | 257.00 | -9999.00 | -9999.00 | -9999.00 | 52730.00 | -0.08 | 644.00 | -911.00 | 75.00 | -14.00 | 33.30 |
| 463249 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | 46440.00 | -0.07 | 824.00 | -1479.00 | 43.00 | -142.00 | 17.00 |
| 463250 | 11.00 | -5.00 | 137.00 | -9999.00 | -9999.00 | -9999.00 | 72910.00 | -0.11 | 803.00 | 2477.00 | 54.00 | -105.00 | 13.00 |
| 463251 | 13.00 | -5.00 | 141.00 | -9999.00 | -9999.00 | -9999.00 | 60170.00 | -0.09 | 867.00 | 5705.00 | 57.00 | -151.00 | 14.70 |
| 463252 | 11.00 | -5.00 | 142.00 | -9999.00 | -9999.00 | -9999.00 | 54530.00 | -0.11 | 821.00 | 2753.00 | 71.00 | -110.00 | 17.00 |
| 463253 | 11.00 | -5.00 | 177.00 | -9999.00 | -9999.00 | -9999.00 | 61250.00 | -0.05 | 656.00 | -1066.00 | 59.00 | -14.00 | 2.40 |
| 463254 | 11.00 | -5.00 | 218.00 | -9999.00 | -9999.00 | -9999.00 | 54610.00 | -0.09 | 598.00 | -1077.00 | 54.00 | -125.00 | 14.40 |
| 463255 | 14.00 | -5.00 | 147.00 | -9999.00 | -9999.00 | -9999.00 | 56910.00 | -0.09 | 611.00 | 4744.00 | 65.00 | -113.00 | 15.40 |
| 463256 | 4.00 | -5.00 | 234.00 | -9999.00 | -9999.00 | -9999.00 | 47950.00 | -0.10 | 724.00 | 5601.00 | 49.00 | -113.00 | 2.40 |
| 463257 | 0.00 | -5.00 | 184.00 | -9999.00 | -9999.00 | -9999.00 | 47510.00 | -0.05 | 713.00 | 6138.00 | 43.00 | -14.00 | 10.00 |
| 463258 | 23.00 | -5.00 | 130.00 | -9999.00 | -9999.00 | -9999.00 | 53240.00 | -0.10 | 559.00 | 1141.00 | 55.00 | -149.00 | 24.70 |
| 463259 | 7.00 | -5.00 | 146.00 | -9999.00 | -9999.00 | -9999.00 | 49600.00 | -0.08 | 509.00 | -1794.00 | 53.00 | -139.00 | 25.40 |
| 463300 | 4.00 | -5.00 | 194.00 | -9999.00 | -9999.00 | -9999.00 | 54970.00 | -0.10 | 806.00 | 5519.00 | 60.00 | -114.00 | 17.40 |

CHAMPLAIN LAKE STREAM SEDIMENT

PG. THREE - SAMPLE SET 0

| SAMPLE NO. | CR PPM | CS PPM | DT PPM | FI PPM | FF PPM | HF PPM | V PPM | LA PPM | LI PPM | PC PPM | PN PPM | PA PPM | SP PPM |
|------------|--------|--------|--------|--------|----------|--------|----------|--------|--------|----------|---------|----------|--------|
| 463241 | 164.00 | 4.10 | 7.00 | 1.30 | 35760.00 | 7.10 | 14040.00 | 32.00 | .40 | 6073.00 | 518.00 | 3041.00 | -20.00 |
| 463242 | 438.00 | -2.20 | 5.00 | 1.40 | 31720.00 | 6.50 | 16320.00 | 33.00 | .30 | 7479.00 | 591.00 | 4754.00 | -49.00 |
| 463243 | 175.00 | 5.00 | 7.00 | 1.50 | 45790.00 | 6.80 | 18310.00 | 37.00 | .50 | 10150.00 | 311.00 | 10000.00 | 124.00 |
| 463244 | 140.00 | 5.40 | 5.00 | 1.60 | 44830.00 | 6.10 | 19280.00 | 36.00 | .40 | 15510.00 | 537.00 | 10520.00 | -50.00 |
| 463245 | 132.00 | 5.10 | 6.00 | 1.30 | 44340.00 | 4.60 | 14920.00 | 31.00 | .30 | 8450.00 | 1048.00 | 11570.00 | -31.00 |
| 463246 | 148.00 | 6.60 | 5.00 | 1.40 | 31250.00 | 5.30 | 21190.00 | 37.00 | -.10 | 6393.00 | 656.00 | 6254.00 | -51.00 |
| 463247 | 159.00 | -2.00 | 6.00 | 1.20 | 21710.00 | 9.10 | 9375.00 | 37.00 | .30 | 5234.00 | 181.00 | 6572.00 | -41.00 |
| 463248 | 170.00 | 3.40 | 6.00 | 1.30 | 30190.00 | 10.70 | 9987.00 | 29.00 | .40 | 5027.00 | 450.00 | 7815.00 | -38.00 |
| 463249 | 107.00 | -2.00 | 6.00 | 1.00 | 28200.00 | 4.40 | -5578.00 | 30.00 | .20 | 4821.00 | 635.00 | 5173.00 | -47.00 |
| 463250 | 103.00 | 4.80 | 6.00 | 1.00 | 30470.00 | 5.30 | 17130.00 | 45.00 | -.20 | 8308.00 | 291.00 | 7871.00 | -81.00 |
| 463251 | 91.00 | 3.40 | 4.00 | 1.00 | 44040.00 | 5.00 | 13580.00 | 23.00 | -.20 | 5336.00 | 2411.00 | 1175.00 | -58.00 |
| 463252 | 84.00 | 3.50 | 5.00 | 1.20 | 31250.00 | 6.30 | 11410.00 | 31.00 | .40 | 6954.00 | 392.00 | 7908.00 | -52.00 |
| 463253 | 102.00 | 3.70 | 4.00 | .90 | 26440.00 | 6.00 | 14070.00 | 30.00 | .30 | 6118.00 | 221.00 | 8149.00 | -21.00 |
| 463254 | 98.00 | 4.40 | 3.00 | 1.30 | 27290.00 | 8.80 | 12670.00 | 31.00 | .40 | 3814.00 | 443.00 | 9054.00 | -50.00 |
| 463255 | 94.00 | -2.30 | 5.00 | 1.30 | 32800.00 | 7.30 | 15240.00 | 29.00 | .40 | 5916.00 | 880.00 | 8412.00 | -40.00 |
| 463256 | 119.00 | -2.40 | 5.00 | 1.30 | 22640.00 | 11.10 | 9387.00 | 32.00 | .30 | 5236.00 | 311.00 | 9307.00 | -47.00 |
| 463257 | 95.00 | 2.70 | 5.00 | 1.10 | 25190.00 | 6.90 | 11670.00 | 24.00 | .30 | 5345.00 | 330.00 | 8744.00 | -27.00 |
| 463258 | 88.00 | -2.80 | 4.00 | 1.10 | 52740.00 | 5.50 | 9406.00 | 23.00 | -.20 | 6877.00 | 2027.00 | 7337.00 | -85.00 |
| 463259 | 124.00 | -2.10 | 5.00 | 1.30 | 37520.00 | 7.30 | 9707.00 | 31.00 | .30 | 8208.00 | 2050.00 | 7811.00 | -68.00 |
| 463260 | 97.00 | 2.90 | 5.00 | 1.30 | 25020.00 | 6.80 | 12140.00 | 32.00 | .30 | 6522.00 | 502.00 | 9050.00 | -47.00 |

CHAMPLAIN LAKE STREAM SEDIMENT

PG. FOUR - SAMPLE SET 0

| SAMPLE NO. | SA PPM | SC PPM | SM PPM | SP PPM | TA PPM | TB PPM | TC PPM | TD PPM | VE PPM | VA PPM | VB PPM | TC/TA RATIO |
|------------|--------|--------|--------|---------|--------|--------|--------|---------|--------|--------|---------|-------------|
| 463241 | -2.00 | 15.70 | 4.20 | -204.00 | -1.00 | -3.00 | 9.30 | 5394.00 | 147.00 | 5.20 | -42.00 | 2.94100 |
| 463242 | -4.00 | 17.90 | 4.30 | -260.00 | -2.00 | -1.00 | 8.40 | 5017.00 | 134.00 | 4.70 | -159.00 | 3.09000 |
| 463243 | -3.00 | 16.10 | 5.10 | -222.00 | -7.00 | -1.00 | 9.40 | 5654.00 | 167.00 | 3.30 | 116.00 | 2.97600 |
| 463244 | -4.00 | 16.00 | 4.50 | -239.00 | -2.00 | -1.00 | 9.60 | 5328.00 | 188.00 | 8.00 | -87.00 | 3.10400 |
| 463245 | -2.00 | 14.90 | 3.50 | -292.00 | -1.00 | -3.00 | 8.10 | 4094.00 | 190.00 | 3.80 | -36.00 | 2.75500 |
| 463246 | -3.00 | 15.30 | 4.50 | -293.00 | -3.00 | -1.00 | 9.20 | 5273.00 | 209.00 | -2.70 | 357.00 | 2.84900 |
| 463247 | -2.00 | 11.40 | 4.80 | -182.00 | -2.00 | -1.00 | 9.60 | 5416.00 | 126.00 | 3.70 | -84.00 | 3.28900 |
| 463248 | -2.00 | 11.10 | 5.00 | -197.00 | -1.00 | -1.00 | 8.20 | 4726.00 | 125.00 | 5.10 | -41.00 | 2.82500 |
| 463249 | -2.00 | 9.90 | 2.80 | -374.00 | -2.00 | -1.00 | 6.70 | 2170.00 | 102.00 | -1.80 | 144.00 | 2.58400 |
| 463250 | -3.00 | 15.00 | 4.30 | -256.00 | -3.00 | -1.00 | 9.10 | 5073.00 | 148.00 | -3.20 | 165.00 | 2.97600 |
| 463251 | -3.00 | 17.80 | 5.40 | -534.00 | -1.00 | -1.00 | 8.00 | 4985.00 | 133.00 | -2.70 | -87.00 | 2.89500 |
| 463252 | -3.00 | 11.40 | 4.40 | -248.00 | -2.00 | -1.00 | 8.30 | 4978.00 | 121.00 | -3.20 | -82.00 | 3.09000 |
| 463253 | -2.00 | 12.70 | 2.90 | -187.00 | -1.00 | -1.00 | 8.20 | 4160.00 | 122.00 | 3.50 | -34.00 | 2.77000 |
| 463254 | -3.00 | 10.50 | 4.40 | -274.00 | -2.00 | -1.00 | 8.70 | 4135.00 | 112.00 | 6.40 | 103.00 | 2.78700 |
| 463255 | -3.00 | 11.20 | 4.50 | -297.00 | -3.00 | -1.00 | 9.40 | 4575.00 | 110.00 | 5.80 | 137.00 | 3.10800 |
| 463256 | -3.00 | 9.60 | 3.80 | -225.00 | -2.00 | -1.00 | 7.40 | 4494.00 | 98.00 | 3.80 | -32.00 | 2.47700 |
| 463257 | -1.00 | 9.60 | 3.40 | -210.00 | -1.00 | -1.00 | 7.60 | 3910.00 | 94.00 | 3.40 | -32.00 | 2.80100 |
| 463258 | -3.00 | 10.50 | 3.70 | -531.00 | -2.00 | -1.00 | 8.80 | 4830.00 | 101.00 | -3.00 | -70.00 | 3.40100 |
| 463259 | -2.00 | 10.80 | 4.50 | -455.00 | -2.00 | -1.00 | 7.00 | 3551.00 | 107.00 | -2.30 | -95.00 | 2.80400 |
| 463260 | -3.00 | 11.10 | 3.50 | -748.00 | -2.00 | -1.00 | 9.60 | 4512.00 | 110.00 | 4.50 | -90.00 | 3.03000 |

Appendix B. Lake Sediment Data

CHANDLER LAKE LAKE STOIPENT

PG. ONE - SAMPLE SET 1

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | URANIUM PPM | SILVER PPM | IRIDIUM PPM | CADMIUM PPM | COPPER PPM | NITRIUM PPM | NICKEL PPM | LEAD PPM | TIN PPM | THIMSTEN PPM |
|------------|---------|----------|--------|--------|--------|-------------|------------|-------------|-------------|------------|-------------|------------|----------|----------|--------------|
| 412181 | 68.7335 | 151.1210 | 6. | 27.0 | -9999. | 3.43 | -5.00 | -5.00 | -5.00 | 46.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 412182 | 68.7300 | 151.1031 | 7. | 14.0 | -9999. | .96 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 |
| 412183 | 68.7167 | 150.9984 | 6. | 1030.0 | -9999. | 2.60 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 54.00 | 5.00 | -10.00 | -15.00 |
| 412184 | 68.7117 | 150.9522 | 7. | 26.0 | -9999. | .95 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 46.00 | -5.00 | -10.00 | -15.00 |
| 412185 | 68.7081 | 150.8219 | 7. | 40.0 | -9999. | 1.25 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 412186 | 68.7114 | 150.8447 | 6. | 8.0 | -9999. | .72 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 20.00 | -5.00 | -10.00 | -15.00 |
| 412587 | 68.7064 | 150.7676 | 6. | 7.0 | -9999. | 1.08 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 412188 | 68.7056 | 150.7128 | 6. | 7.0 | -9999. | 2.44 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462649 | 68.7192 | 150.6669 | 6. | 15.0 | -9999. | 2.67 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 44.00 | 10.00 | -10.00 | -15.00 |
| 462640 | 68.7347 | 150.5444 | 6. | 699.0 | -9999. | 2.41 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 41.00 | -5.00 | -10.00 | -15.00 |
| 412601 | 68.7194 | 150.5461 | 7. | 25.0 | -9999. | 2.13 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 |
| 412672 | 68.7194 | 150.4428 | 7. | 11.0 | -9999. | 1.81 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 17.00 | -5.00 | -10.00 | -15.00 |
| 412693 | 68.7181 | 150.4408 | 7. | 9.0 | -9999. | .53 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 462644 | 68.7244 | 150.3486 | 6. | 4.0 | -9999. | 2.19 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 17.00 | -5.00 | -10.00 | -15.00 |
| 462695 | 68.7169 | 150.3049 | 7. | 7.0 | -9999. | 1.03 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 20.00 | -5.00 | -10.00 | -15.00 |
| 462694 | 68.7197 | 150.2453 | 6. | 8.0 | -9999. | 2.21 | -5.00 | -5.00 | -5.00 | 13.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 |
| 412197 | 68.7169 | 150.1722 | 6. | 10.0 | -9999. | 3.26 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 56.00 | 8.00 | -10.00 | -15.00 |
| 412198 | 68.7192 | 150.1311 | 6. | 7.0 | -9999. | .71 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462699 | 68.7100 | 150.0431 | 6. | 6.0 | -9999. | 2.43 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 |
| 412700 | 68.7300 | 150.0172 | 6. | 63.0 | -9999. | 2.66 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 412701 | 68.7056 | 151.2208 | 6. | 7.0 | -9999. | 2.71 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 27.00 | 8.00 | -10.00 | -15.00 |
| 412702 | 68.7231 | 151.2233 | 5. | 8.0 | -9999. | .71 | -5.00 | -5.00 | -5.00 | 45.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 412703 | 68.7192 | 151.3136 | 5. | 7.0 | -9999. | 1.20 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 |
| 412704 | 68.7031 | 151.3456 | 6. | 11.0 | -9999. | 2.77 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 44.00 | 9.00 | -10.00 | -15.00 |
| 412705 | 68.7056 | 151.2992 | 7. | 5.0 | -9999. | 2.26 | -5.00 | -5.00 | -5.00 | -10.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 412707 | 68.7164 | 151.3158 | 7. | 55.0 | -9999. | .62 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 15.00 | -5.00 | -10.00 | -15.00 |
| 412708 | 68.7164 | 151.3158 | 7. | 18.0 | -9999. | 1.22 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 |
| 412709 | 68.7111 | 151.3158 | 7. | 20.0 | -9999. | 1.21 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 |
| 412710 | 68.7192 | 151.3158 | 7. | 43.0 | -9999. | 2.06 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 412711 | 68.7331 | 151.3158 | 6. | 73.0 | -9999. | 1.21 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 412712 | 68.7144 | 151.3486 | 7. | 8.0 | -9999. | 1.55 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 |
| 412713 | 68.6933 | 151.3333 | 6. | 8.0 | -9999. | .87 | -5.00 | -5.00 | -5.00 | 51.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 |
| 412714 | 68.7144 | 151.3458 | 5. | 3.0 | -9999. | 1.86 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 |
| 412716 | 68.6933 | 151.3556 | 5. | 3.0 | -9999. | .84 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 412717 | 68.7047 | 151.3414 | 5. | 4.0 | -9999. | 1.41 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 412718 | 68.7192 | 151.3367 | 6. | 15.0 | -9999. | 2.08 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 412719 | 68.7300 | 151.3256 | 7. | 132.0 | -9999. | 2.65 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 412720 | 68.7331 | 151.3461 | 7. | 110.0 | -9999. | 2.48 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 16.00 | -5.00 | -10.00 | -15.00 |
| 412701 | 68.7351 | 151.4958 | 7. | 5.0 | -9999. | 1.12 | -5.00 | -5.00 | 7.00 | 22.00 | -20.00 | 59.00 | -5.00 | -10.00 | -15.00 |
| 412702 | 68.5511 | 151.4472 | 7. | 2.0 | -9999. | 1.87 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 25.00 | 11.00 | -10.00 | -15.00 |
| 412703 | 68.5144 | 151.3403 | 7. | 10.0 | -9999. | 1.81 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 412704 | 68.4997 | 151.4544 | 7. | 20.0 | -9999. | 3.45 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 44.00 | -5.00 | -10.00 | -15.00 |
| 412705 | 68.4847 | 151.3711 | 7. | 1.0 | -9999. | 2.08 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 |
| 412706 | 68.4811 | 151.3742 | 6. | 3.0 | -9999. | 3.01 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 24.00 | 9.00 | -10.00 | -15.00 |
| 412707 | 68.4811 | 151.4452 | 6. | 2.0 | -9999. | .78 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 412708 | 68.4811 | 151.4794 | 6. | 3.0 | -9999. | 1.89 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 18.00 | -5.00 | -10.00 | -15.00 |
| 412709 | 68.4541 | 151.4033 | 6. | 1.0 | -9999. | 1.15 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 |
| 412710 | 68.4592 | 151.4091 | -0000. | 45.0 | -9999. | 2.97 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 20.00 | 7.00 | -10.00 | -15.00 |
| 412711 | 68.4549 | 151.4597 | 6. | 1.0 | -9999. | .97 | -5.00 | -5.00 | -5.00 | -18.00 | -20.00 | 18.00 | -5.00 | -10.00 | -15.00 |
| 412712 | 68.4672 | 151.3850 | 7. | 248.0 | -9999. | 2.73 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 32.00 | 5.00 | -10.00 | -15.00 |

CHANDLER LAKE LAKE SEDIMENT

PG. TWO - SAMPLE SET

| SAMPLE NO. | AS PPM | SE PPM | ZO PPM | MO PPM | PE PPM | LI PPM | AL PPM | AU PPM | BA PPM | CA PPM | FE PPM | CL PPM | CR PPM |
|------------|----------|----------|----------|----------|----------|----------|----------|--------|---------|----------|--------|---------|--------|
| 412741 | -5.00 | -5.00 | 64.00 | -9999.00 | -9999.00 | -9999.00 | 2160.00 | -04 | 773.00 | 1130.00 | 22.00 | 337.00 | 2.70 |
| 412742 | 6.00 | -5.00 | 40.00 | -9999.00 | -9999.00 | -9999.00 | 1750.00 | -23 | -492.00 | -3443.00 | -29.00 | -190.00 | -5.00 |
| 412743 | 14.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 48430.00 | -05 | 1312.00 | 1810.00 | 45.00 | -100.00 | 19.70 |
| 412744 | 40.00 | -5.00 | 35.00 | -9999.00 | -9999.00 | -9999.00 | 13950.00 | -11 | -314.00 | 9647.00 | -16.00 | 622.00 | 9.00 |
| 412745 | 17.00 | -5.00 | 54.00 | -9999.00 | -9999.00 | -9999.00 | 18910.00 | -08 | 615.00 | -2976.00 | -9.00 | -159.00 | 9.40 |
| 412746 | 25.00 | -5.00 | 48.00 | -9999.00 | -9999.00 | -9999.00 | 16000.00 | -18 | -285.00 | -3015.00 | -22.00 | 242.00 | 11.00 |
| 412747 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | 21910.00 | -17 | -613.00 | -4426.00 | -27.00 | 571.00 | 30.10 |
| 412748 | 8.00 | -5.00 | 159.00 | -9999.00 | -9999.00 | -9999.00 | 50760.00 | -05 | 547.00 | -758.00 | 63.00 | -90.00 | 12.20 |
| 412749 | 10.00 | -5.00 | 162.00 | -9999.00 | -9999.00 | -9999.00 | 54140.00 | -03 | 689.00 | 3610.00 | 51.00 | -92.00 | 13.70 |
| 412750 | 24.00 | -5.00 | 108.00 | -9999.00 | -9999.00 | -9999.00 | 37580.00 | -07 | 464.00 | 12000.00 | 42.00 | -100.00 | 13.00 |
| 412751 | 8.00 | -5.00 | 84.00 | -9999.00 | -9999.00 | -9999.00 | 46280.00 | -11 | 773.00 | 9075.00 | 44.00 | -170.00 | 12.00 |
| 412752 | 14.00 | -5.00 | 147.00 | -9999.00 | -9999.00 | -9999.00 | 31400.00 | -02 | 390.00 | 1432.00 | 33.00 | -59.00 | 5.50 |
| 412753 | 15.00 | -5.00 | 29.00 | -9999.00 | -9999.00 | -9999.00 | 13130.00 | -14 | -319.00 | -2039.00 | -17.00 | 449.00 | 14.00 |
| 412754 | 11.00 | -5.00 | 133.00 | -9999.00 | -9999.00 | -9999.00 | 43840.00 | -04 | 439.00 | -839.00 | 46.00 | -75.00 | 6.40 |
| 412755 | 8.00 | -5.00 | 57.00 | -9999.00 | -9999.00 | -9999.00 | 22870.00 | -14 | -456.00 | -2373.00 | -20.00 | -133.00 | 9.70 |
| 412756 | 1.00 | -5.00 | 204.00 | -9999.00 | -9999.00 | -9999.00 | 38810.00 | -03 | 474.00 | -759.00 | 25.00 | -75.00 | 7.50 |
| 412757 | 15.00 | -5.00 | 151.00 | -9999.00 | -9999.00 | -9999.00 | 64280.00 | -08 | 801.00 | -1171.00 | 43.00 | -96.00 | 14.10 |
| 412758 | 10.00 | -5.00 | 42.00 | -9999.00 | -9999.00 | -9999.00 | 14950.00 | -11 | -437.00 | -2742.00 | -16.00 | 394.00 | 11.00 |
| 412759 | 18.00 | -5.00 | 71.00 | -9999.00 | -9999.00 | -9999.00 | 31940.00 | -09 | 394.00 | 11310.00 | 31.00 | 190.00 | 8.50 |
| 412760 | -5.00 | -5.00 | 44.00 | -9999.00 | -9999.00 | -9999.00 | 16420.00 | -05 | -282.00 | 27750.00 | 17.00 | -110.00 | 5.10 |
| 412761 | 8.00 | -5.00 | 103.00 | -9999.00 | -9999.00 | -9999.00 | 68990.00 | -08 | 679.00 | -1884.00 | 77.00 | -105.00 | 15.10 |
| 412762 | 11.00 | -5.00 | 39.00 | -9999.00 | -9999.00 | -9999.00 | 9597.00 | -22 | -716.00 | -3944.00 | -33.00 | -155.00 | -2.70 |
| 412763 | 10.00 | -5.00 | 42.00 | -9999.00 | -9999.00 | -9999.00 | 12690.00 | -06 | -291.00 | 10020.00 | -9.00 | -104.00 | 6.50 |
| 412764 | 10.00 | -5.00 | 161.00 | -9999.00 | -9999.00 | -9999.00 | 49440.00 | -07 | 658.00 | 4306.00 | 39.00 | -85.00 | 12.00 |
| 412765 | 14.00 | -5.00 | 349.00 | -9999.00 | -9999.00 | -9999.00 | 24250.00 | -03 | 335.00 | 2122.00 | 52.00 | -51.00 | 6.70 |
| 412766 | 1.00 | -5.00 | 43.00 | -9999.00 | -9999.00 | -9999.00 | 10940.00 | -12 | -411.00 | 19330.00 | -17.00 | 273.00 | -4.40 |
| 412767 | 4.00 | -5.00 | 43.00 | -9999.00 | -9999.00 | -9999.00 | 22680.00 | -06 | -367.00 | 1246.00 | 25.00 | -122.00 | 9.40 |
| 412768 | 7.00 | -5.00 | 50.00 | -9999.00 | -9999.00 | -9999.00 | 18110.00 | -14 | -296.00 | -2307.00 | -15.00 | 324.00 | 4.00 |
| 412769 | 9.00 | -5.00 | 155.00 | -9999.00 | -9999.00 | -9999.00 | 33270.00 | -04 | 388.00 | 4667.00 | 51.00 | -66.00 | 16.00 |
| 412770 | 7.00 | -5.00 | 54.00 | -9999.00 | -9999.00 | -9999.00 | 17420.00 | -12 | -379.00 | -1990.00 | -16.00 | 395.00 | 5.40 |
| 412771 | 5.00 | -5.00 | 87.00 | -9999.00 | -9999.00 | -9999.00 | 26770.00 | -05 | 407.00 | -1747.00 | 23.00 | -225.00 | 6.40 |
| 412772 | -5.00 | -5.00 | 42.00 | -9999.00 | -9999.00 | -9999.00 | 18770.00 | -16 | -317.00 | -2922.00 | -18.00 | -134.00 | 7.60 |
| 412773 | 8.00 | -5.00 | 74.00 | -9999.00 | -9999.00 | -9999.00 | 39520.00 | -09 | 493.00 | -1777.00 | 37.00 | -97.00 | 7.70 |
| 412774 | -5.00 | -5.00 | 32.00 | -9999.00 | -9999.00 | -9999.00 | 10530.00 | -05 | -257.00 | -2073.00 | -5.00 | 327.00 | -4.70 |
| 412775 | 1.00 | -5.00 | 65.00 | -9999.00 | -9999.00 | -9999.00 | 24040.00 | -24 | -547.00 | -4347.00 | -23.00 | -183.00 | 13.50 |
| 412776 | 5.00 | -5.00 | 94.00 | -9999.00 | -9999.00 | -9999.00 | 31360.00 | -06 | 328.00 | 6199.00 | 29.00 | -78.00 | 6.40 |
| 412777 | 2.00 | -5.00 | 117.00 | -9999.00 | -9999.00 | -9999.00 | 41220.00 | -07 | 559.00 | 14650.00 | 35.00 | 113.00 | 2.00 |
| 412778 | 7.00 | -5.00 | 44.00 | -9999.00 | -9999.00 | -9999.00 | 13300.00 | -06 | -399.00 | 18510.00 | -5.00 | -137.00 | 5.00 |
| 412779 | 4.00 | -5.00 | 32.00 | -9999.00 | -9999.00 | -9999.00 | 16710.00 | -16 | -262.00 | -2693.00 | -17.00 | -121.00 | 14.10 |
| 412780 | 7.00 | -5.00 | 77.00 | -9999.00 | -9999.00 | -9999.00 | 26980.00 | 09 | -260.00 | 9980.00 | -10.00 | -85.00 | 11.50 |
| 412781 | 25.00 | -5.00 | 114.00 | -9999.00 | -9999.00 | -9999.00 | 30180.00 | -06 | 285.00 | 2992.00 | 39.00 | -67.00 | 5.00 |
| 412782 | 11.00 | -5.00 | 44.50 | -9999.00 | -9999.00 | -9999.00 | 59070.00 | -06 | 1017.00 | -1410.00 | 29.00 | -101.00 | 14.00 |
| 412783 | 10.00 | -5.00 | 94.00 | -9999.00 | -9999.00 | -9999.00 | 34480.00 | -09 | -211.00 | -1195.00 | 40.00 | -97.00 | 13.10 |
| 412784 | 7.00 | -5.00 | 141.00 | -9999.00 | -9999.00 | -9999.00 | 62540.00 | -05 | 523.00 | -749.00 | 43.00 | -80.00 | 11.00 |
| 412785 | 4.00 | -5.00 | 27.00 | -9999.00 | -9999.00 | -9999.00 | 9555.00 | -13 | -439.00 | -2499.00 | -19.00 | 362.00 | 7.00 |
| 412786 | 10.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 26070.00 | -02 | 281.00 | -545.00 | 30.00 | 71.00 | 4.70 |
| 412787 | 7.00 | -5.00 | 65.00 | -9999.00 | -9999.00 | -9999.00 | 35090.00 | -13 | 516.00 | -1935.00 | -15.00 | -117.00 | 8.00 |
| 412788 | 1.00 | -5.00 | 121.00 | -9999.00 | -9999.00 | -9999.00 | 32780.00 | -15 | 299.00 | 5250.00 | 35.00 | 65.00 | 5.00 |
| 412789 | 8.00 | -5.00 | 33.00 | -9999.00 | -9999.00 | -9999.00 | 1380.00 | -07 | -209.00 | 14010.00 | -9.00 | 120.00 | 9.50 |
| 412790 | -5.00 | -5.00 | 77.00 | -9999.00 | -9999.00 | -9999.00 | 16900.00 | -04 | 474.00 | 13490.00 | 32.00 | 316.00 | 9.30 |

CHANDLER LAKE LAKE SEDIMENT

PC. THREE - SAMPLE SET 1

| SAMPLE NO. | CR PPM | CS PPM | NY PPM | FU PPM | FE PPM | HF PPM | M PPM | LA PPM | LU PPM | MC PPM | PN PPM | NA PPM | PP PPM |
|------------|--------|--------|--------|--------|-----------|--------|----------|--------|--------|----------|---------|---------|---------|
| 442681 | 50.00 | -1.70 | 7.00 | 1.10 | 7587.00 | 1.90 | -2796.00 | 19.00 | .30 | -1793.00 | 129.00 | 1560.00 | -34.00 |
| 442682 | -46.00 | -7.70 | -3.00 | -1.50 | 20030.00 | -5.70 | -7294.00 | -28.00 | -.50 | -3222.00 | 550.00 | 1693.00 | -175.00 |
| 442683 | 144.00 | 2.90 | 5.00 | 1.20 | 37440.00 | 5.30 | 10750.00 | 24.00 | .30 | 7462.00 | 1282.00 | 1263.00 | -26.00 |
| 442684 | -23.00 | -3.70 | -3.00 | -.80 | 43550.00 | -2.90 | -4113.00 | -9.00 | -.30 | -2022.00 | 742.00 | 1334.00 | -61.00 |
| 442685 | -16.00 | -3.10 | 2.00 | -.40 | 40510.00 | -2.00 | -8100.00 | -10.00 | -.70 | -3235.00 | 817.00 | 1831.00 | -65.00 |
| 442686 | -36.00 | -5.50 | 5.00 | -1.10 | 51490.00 | -4.50 | -6290.00 | -23.00 | -.40 | -2794.00 | 574.00 | 2019.00 | -152.00 |
| 442687 | -34.00 | -5.50 | -7.00 | -1.30 | 36830.00 | -4.60 | -8346.00 | -19.00 | -.40 | -3958.00 | 724.00 | 2664.00 | -149.00 |
| 442688 | 94.00 | 3.30 | 5.00 | 1.00 | 26510.00 | 7.70 | 9451.00 | 26.00 | .40 | 4249.00 | 194.00 | 5552.00 | -43.00 |
| 442689 | 85.00 | 2.40 | 5.00 | 1.00 | 30570.00 | 6.30 | 13740.00 | 27.00 | .30 | 6041.00 | 374.00 | 6353.00 | 53.00 |
| 442690 | 46.00 | -2.60 | 5.00 | 1.00 | 34470.00 | 4.20 | -3506.00 | -8.00 | -.40 | 4511.00 | 225.00 | 4559.00 | -56.00 |
| 442691 | 70.00 | -3.40 | 3.00 | 1.30 | 27080.00 | -2.60 | -4646.00 | 14.00 | .50 | -2330.00 | 367.00 | 4739.00 | -65.00 |
| 442692 | 101.00 | -.80 | 3.00 | .70 | 20160.00 | 4.80 | 5465.00 | 17.00 | .70 | 3097.00 | 130.00 | 5873.00 | -19.00 |
| 442693 | -28.00 | -4.60 | -2.00 | -.90 | 49490.00 | -3.50 | -5341.00 | -17.00 | -.30 | -2339.00 | 534.00 | 1399.00 | -121.00 |
| 442694 | 61.00 | -1.50 | 4.00 | .80 | 23970.00 | 4.70 | 8117.00 | 23.00 | .20 | 4177.00 | 175.00 | 8103.00 | -21.00 |
| 442695 | 46.00 | -4.20 | -4.00 | -1.00 | 21840.00 | -3.50 | -5204.00 | -11.00 | -.30 | -2693.00 | 250.00 | 1901.00 | -94.00 |
| 442696 | 177.00 | -1.10 | 4.00 | .80 | 19150.00 | 6.70 | 7343.00 | 19.00 | .30 | 3221.00 | 240.00 | 6306.00 | -24.00 |
| 442697 | 41.00 | 6.10 | 6.00 | 1.60 | 44700.00 | 4.40 | 13210.00 | 32.00 | -.70 | 5442.00 | 407.00 | 5443.00 | -65.00 |
| 442698 | -22.00 | -3.50 | -4.00 | -.90 | 29720.00 | -2.80 | -7308.00 | -12.00 | -.20 | -2873.00 | 331.00 | 1375.00 | -92.00 |
| 442699 | 55.00 | -1.00 | 4.00 | -.60 | 21000.00 | -2.20 | -3449.00 | -7.00 | -.20 | 2431.00 | 204.00 | 2360.00 | -58.00 |
| 442700 | 35.00 | -1.70 | -2.00 | -.20 | 12170.00 | -1.10 | -5858.00 | -6.00 | -.10 | -2325.00 | 800.00 | 1174.00 | -45.00 |
| 442701 | 84.00 | 5.30 | 5.00 | 1.50 | 24640.00 | 3.70 | 17890.00 | 32.00 | -.70 | 5401.00 | 274.00 | 5504.00 | -10.00 |
| 442702 | -45.00 | -6.50 | -7.00 | -1.60 | 14070.00 | -5.70 | -5301.00 | -22.00 | -.50 | -3733.00 | 42.00 | 413.00 | -139.00 |
| 442703 | 34.00 | -7.20 | 3.00 | -.30 | 15460.00 | -1.40 | -3469.00 | -8.00 | -.10 | -2119.00 | 70.00 | 1551.00 | -19.00 |
| 442704 | 84.00 | -2.40 | 6.00 | .50 | 22470.00 | 6.90 | 8340.00 | 27.00 | .30 | 5595.00 | 270.00 | 4283.00 | -51.00 |
| 442705 | 124.00 | -1.00 | 4.00 | .80 | 14110.00 | 12.60 | 6149.00 | 20.00 | .30 | 2720.00 | 105.00 | 5050.00 | -21.00 |
| 442707 | -24.00 | -3.40 | -1.00 | -.90 | 4727.00 | -2.90 | -5187.00 | -9.00 | -.30 | -2581.00 | 342.00 | 1080.00 | -79.00 |
| 442708 | 42.00 | -2.40 | 4.00 | .40 | 18720.00 | -1.40 | -7323.00 | -4.00 | -.10 | -2725.00 | 492.00 | 1400.00 | -62.00 |
| 442709 | -24.00 | -4.30 | 4.00 | -.80 | 7735.00 | -3.30 | -3722.00 | -18.00 | -.30 | -2097.00 | 145.00 | 1755.00 | -164.00 |
| 442710 | 44.00 | -1.40 | 3.00 | .80 | 22030.00 | 6.00 | 6174.00 | 21.00 | .20 | 2687.00 | 525.00 | 6311.00 | -24.00 |
| 442711 | -23.00 | -3.60 | 5.00 | -.80 | 4713.00 | -3.10 | -4516.00 | -10.00 | -.30 | -2305.00 | 237.00 | 1543.00 | -79.00 |
| 442712 | 45.00 | -1.90 | 5.00 | .90 | 10570.00 | -1.10 | -3945.00 | 15.00 | .20 | -1946.00 | 174.00 | 2211.00 | -44.00 |
| 442713 | -29.00 | -4.90 | -3.00 | -1.00 | -139.00 | -3.70 | -5625.00 | -20.00 | -.30 | -2674.00 | 42.00 | 1546.00 | -122.00 |
| 442714 | 69.00 | -1.30 | 7.00 | 1.30 | 26100.00 | -2.60 | 7877.00 | 19.00 | -.20 | -1971.00 | 124.00 | 2662.00 | -72.00 |
| 442715 | 17.00 | -1.90 | 3.00 | -.30 | 5102.00 | -1.20 | -2857.00 | -7.00 | -.10 | -1740.00 | 45.00 | 672.00 | -69.00 |
| 442716 | -44.00 | -7.10 | -4.00 | -1.90 | 11050.00 | -9.80 | -5776.00 | -36.00 | -.50 | -3686.00 | 131.00 | 2559.00 | -147.00 |
| 442717 | 51.00 | -2.30 | 4.00 | -.50 | 14510.00 | -1.60 | 7739.00 | 22.00 | -.10 | -1450.00 | 145.00 | 7295.00 | -64.00 |
| 442718 | 72.00 | 3.30 | 5.00 | 1.00 | 22480.00 | 4.70 | 9888.00 | 22.00 | .20 | 3648.00 | 234.00 | 7444.00 | -42.00 |
| 442719 | 31.00 | -2.10 | -2.00 | -.30 | 9222.00 | -1.30 | -8841.00 | -8.00 | -.10 | -3375.00 | 1393.00 | 1114.00 | -51.00 |
| 442720 | -29.00 | -5.10 | -2.00 | 1.50 | 144900.00 | -3.70 | -6743.00 | -20.00 | -.30 | -2714.00 | 756.00 | 1092.00 | -140.00 |
| 442721 | 51.00 | -2.20 | -3.00 | -.50 | 16630.00 | -1.80 | -4754.00 | -8.00 | -.10 | -1914.00 | 433.00 | 2024.00 | -52.00 |
| 442722 | 48.00 | -2.00 | 3.00 | .90 | 49080.00 | 4.60 | 6674.00 | 29.00 | -.10 | 1989.00 | 224.00 | 2524.00 | -43.00 |
| 442723 | 73.00 | 5.00 | 4.00 | .90 | 49110.00 | 3.00 | 15520.00 | 21.00 | .70 | 3514.00 | 1294.00 | 2519.00 | -44.00 |
| 442724 | 51.00 | -3.00 | 4.00 | -.50 | 20450.00 | 3.30 | -6044.00 | -10.00 | -.20 | 2854.00 | 430.00 | 7445.00 | -68.00 |
| 442725 | 77.00 | 3.10 | 4.00 | 1.00 | 21010.00 | 5.60 | 7974.00 | 24.00 | .30 | 2363.00 | 94.00 | 3244.00 | -24.00 |
| 442726 | -27.00 | -4.00 | -4.00 | -1.00 | 4244.00 | -3.40 | -3677.00 | -12.00 | -.30 | -2424.00 | 63.00 | 444.00 | -49.00 |
| 442727 | 60.00 | -.90 | 3.00 | .40 | 29150.00 | 4.70 | 5575.00 | 19.00 | .20 | 1436.00 | 110.00 | 2231.00 | -19.00 |
| 442728 | 74.00 | -4.20 | -2.00 | -.80 | -91.00 | -3.20 | -5221.00 | -18.00 | -.30 | -2363.00 | 344.00 | 2301.00 | -162.00 |
| 442729 | 62.00 | 2.70 | 4.00 | .90 | 18290.00 | 4.40 | 7714.00 | 21.00 | .20 | 2994.00 | 152.00 | 7354.00 | -36.00 |
| 442730 | 25.00 | -2.20 | 1.00 | -.40 | 9890.00 | -1.70 | -2430.00 | -4.00 | -.10 | -1712.00 | 117.00 | 499.00 | -44.00 |
| 442731 | 60.00 | -1.40 | 4.00 | .50 | 15260.00 | 2.50 | 10290.00 | 20.00 | .20 | 4449.00 | 272.00 | 2187.00 | -31.00 |

70

CHANDLER LAKE LAKE SEDIMENT

PG. FOUR - SAMPLE 577 3

| SAMPLE NO. | SP PPM | SR PPM | SM PPM | SR PPM | TC PPM | TR PPM | TH PPM | TI PPM | V PPM | YR PPM | ZR PPM | TH/11 RATIO |
|------------|--------|--------|--------|---------|--------|----------|--------|----------|--------|--------|---------|-------------|
| 462761 | -1.00 | 8.80 | 4.20 | -198.00 | -2.00 | 1.00 | 4.70 | 1412.00 | 38.00 | 3.40 | 204.00 | 1.22400 |
| 462762 | -1.00 | 4.10 | -1.60 | -559.00 | -10.00 | -3.00 | -5.70 | -9999.00 | 34.00 | -7.90 | -247.00 | 0.00000 |
| 462763 | -1.00 | 11.40 | 4.10 | -747.00 | -2.00 | -1.00 | 6.40 | 2740.00 | 130.00 | 3.60 | 142.00 | 2.44300 |
| 462764 | -3.00 | 3.60 | 1.20 | -351.00 | -3.00 | -2.00 | -7.80 | -9999.00 | 34.00 | -3.90 | 175.00 | 0.00000 |
| 462765 | -3.00 | 4.80 | 1.40 | -597.00 | -4.00 | -1.00 | -1.90 | 1997.00 | 68.00 | -2.70 | -107.00 | 0.00000 |
| 462766 | -5.00 | 4.50 | 4.00 | -467.00 | -7.00 | -3.00 | -4.30 | -9499.00 | 39.00 | -5.90 | -274.00 | 0.00000 |
| 462767 | -5.00 | 5.00 | -1.90 | -655.00 | -6.00 | -3.00 | -4.10 | -9999.00 | 35.00 | -5.40 | -194.00 | 0.00000 |
| 462768 | -2.00 | 10.20 | 3.70 | -196.00 | -2.00 | -1.00 | 7.40 | 3954.00 | 111.00 | 3.40 | 89.00 | 2.99500 |
| 462769 | -1.00 | 11.20 | 3.30 | -199.00 | -1.00 | -1.00 | 7.40 | 4445.00 | 121.00 | 3.40 | -36.00 | 2.77000 |
| 462770 | -2.00 | 9.10 | 2.90 | -245.00 | -2.00 | -1.00 | 5.60 | 3029.00 | 85.00 | 2.00 | -84.00 | 2.32400 |
| 462771 | -3.00 | 11.20 | -3.10 | -340.00 | -3.00 | -1.00 | 5.20 | 2914.00 | 112.00 | -3.10 | -78.00 | 2.59400 |
| 462772 | -1.00 | 5.50 | 2.20 | -123.00 | -1.00 | -9999.00 | 4.10 | 3463.00 | 66.00 | 2.30 | 101.00 | 2.26900 |
| 462773 | -4.00 | 2.90 | -1.00 | -438.00 | -5.00 | -2.00 | -3.50 | -9499.00 | 24.00 | -4.90 | -164.00 | 0.00000 |
| 462774 | -1.00 | 8.20 | 3.30 | -148.00 | -1.00 | -1.00 | 5.70 | 3279.00 | 88.00 | 3.70 | 41.00 | 2.50400 |
| 462775 | -4.00 | 5.40 | -1.30 | -475.00 | -4.00 | -2.00 | -3.50 | -9499.00 | 80.00 | -4.40 | -86.00 | 0.00000 |
| 462776 | -1.00 | 6.90 | 2.40 | -170.00 | -1.00 | -1.00 | 5.00 | 3599.00 | 78.00 | 2.40 | 83.00 | 2.26200 |
| 462777 | -3.00 | 13.40 | 4.10 | -735.00 | -4.00 | -1.00 | 8.80 | 4649.00 | 142.00 | 6.10 | 132.00 | 2.70300 |
| 462778 | -3.00 | 3.00 | -1.20 | -519.00 | -4.00 | -2.00 | -2.70 | -9999.00 | 33.00 | -3.60 | -122.00 | 0.00000 |
| 462779 | -3.00 | 5.20 | 2.70 | -267.00 | -3.00 | -1.00 | 3.90 | 2148.00 | 63.00 | -3.00 | 72.00 | 1.80500 |
| 462780 | -2.00 | 3.80 | .80 | -425.00 | -2.00 | -1.00 | -1.10 | -9499.00 | 31.00 | -1.20 | -63.00 | 0.00000 |
| 462781 | -2.00 | 13.30 | 5.30 | -263.00 | -3.00 | -1.00 | 4.30 | 4445.00 | 131.00 | -2.70 | -164.00 | 3.05900 |
| 462782 | -1.00 | 3.40 | 2.70 | -628.00 | -7.00 | -3.00 | -5.50 | -9999.00 | -12.00 | -7.30 | -193.00 | 0.00000 |
| 462783 | -2.00 | 4.30 | 1.90 | -295.00 | -3.00 | -1.00 | -1.50 | -9999.00 | 54.00 | -2.10 | -24.00 | 0.00000 |
| 462784 | -2.00 | 10.10 | 3.30 | -194.00 | -3.00 | -1.00 | 7.50 | 4316.00 | 107.00 | 3.50 | 239.00 | 2.71000 |
| 462785 | -1.00 | 4.70 | 3.40 | -100.00 | -1.00 | -9999.00 | 5.80 | 3088.00 | 52.00 | 2.40 | -32.00 | 2.56400 |
| 462786 | -4.00 | 2.70 | -1.10 | -458.00 | -3.00 | -2.00 | -3.00 | -9999.00 | -11.00 | -4.10 | -95.00 | 0.00000 |
| 462787 | -2.00 | 6.30 | 2.40 | -531.00 | -3.00 | -1.00 | 4.30 | -9999.00 | 42.00 | -7.10 | -84.00 | 3.52100 |
| 462788 | -4.00 | 5.40 | -.90 | -307.00 | -5.00 | -2.00 | -3.20 | -9999.00 | 41.00 | -4.50 | -145.00 | 0.00000 |
| 462789 | -1.00 | 7.00 | 3.30 | -188.00 | -2.00 | -1.00 | 5.10 | 2888.00 | 70.00 | 2.60 | 142.00 | 2.47300 |
| 462790 | -3.00 | 4.70 | -3.00 | -396.00 | -4.00 | -2.00 | -2.90 | 1599.00 | 33.00 | -3.60 | -97.00 | 0.00000 |
| 462791 | -2.00 | 5.90 | 2.10 | -280.00 | -2.00 | -1.00 | 3.60 | 2118.00 | 47.00 | -1.60 | 139.00 | 2.32000 |
| 462792 | -4.00 | 4.80 | 3.30 | -431.00 | -6.00 | -2.00 | -3.70 | -9999.00 | 32.00 | -5.10 | -128.00 | 0.00000 |
| 462793 | -3.00 | 4.70 | 5.10 | -773.00 | -4.00 | -1.00 | 7.10 | 2404.00 | 74.00 | -3.10 | -108.00 | 3.81700 |
| 462794 | -2.00 | 3.40 | 1.50 | -247.00 | -2.00 | -1.00 | -1.20 | -9999.00 | 26.00 | -1.80 | -87.00 | 0.00000 |
| 462795 | -7.00 | 4.20 | -1.90 | -566.00 | -10.00 | -3.00 | -5.90 | -7999.00 | 47.00 | -8.10 | -278.00 | 0.00000 |
| 462796 | -2.00 | 7.20 | 2.50 | -209.00 | -3.00 | -1.00 | 5.60 | 2892.00 | 63.00 | -2.10 | 153.00 | 2.40400 |
| 462797 | -2.00 | 9.00 | 2.90 | -223.00 | -2.00 | -1.00 | 5.60 | 3114.00 | 84.00 | 3.60 | -84.00 | 2.11400 |
| 462798 | -2.00 | 3.60 | 1.30 | -619.00 | -2.00 | -1.00 | -1.30 | -7999.00 | -18.00 | -1.40 | 348.00 | 0.00000 |
| 462799 | -4.00 | 3.50 | 3.40 | -472.00 | -6.00 | -2.00 | -2.60 | -7999.00 | 55.00 | -5.00 | 232.00 | 0.00000 |
| 462800 | -2.00 | 6.40 | 2.40 | -324.00 | -3.00 | -1.00 | 4.10 | 2055.00 | 53.00 | -2.30 | -69.00 | 2.19300 |
| 462801 | -2.00 | 4.70 | 1.70 | -190.00 | -2.00 | -1.00 | 5.40 | 2574.00 | 71.00 | -2.00 | -96.00 | 2.98500 |
| 462802 | -2.00 | 12.20 | 2.80 | -407.00 | -2.00 | -1.00 | 6.10 | 2741.00 | 133.00 | 3.80 | -56.00 | 1.76700 |
| 462803 | -3.00 | 7.20 | 2.60 | -777.00 | -4.00 | -1.00 | 4.40 | 2695.00 | 73.00 | -7.20 | 188.00 | 2.11400 |
| 462804 | -1.00 | 7.50 | 3.90 | -153.00 | -2.00 | -1.00 | 6.50 | 3254.00 | 98.00 | 3.60 | -37.00 | 2.13200 |
| 462805 | -3.00 | 3.10 | -1.30 | -392.00 | -4.00 | -2.00 | -3.30 | -9999.00 | 24.00 | -4.40 | -134.00 | 0.00000 |
| 462806 | -1.00 | 4.50 | 2.10 | -107.00 | -1.00 | -9999.00 | 4.00 | 2349.00 | 60.00 | 1.70 | -25.00 | 2.11400 |
| 462807 | -4.00 | 6.20 | -.90 | -359.00 | -5.00 | -2.00 | -2.90 | -9999.00 | 53.00 | -4.30 | -103.00 | 0.00000 |
| 462808 | -2.00 | 4.10 | 3.30 | -157.00 | -2.00 | -1.00 | 5.20 | 2524.00 | 76.00 | 2.40 | 104.00 | 1.75100 |
| 462809 | -2.00 | 3.30 | -.60 | -217.00 | -3.00 | -1.00 | 2.60 | -7999.00 | 37.00 | -2.30 | 85.00 | 2.68100 |
| 462810 | -1.00 | 7.50 | 2.30 | -207.00 | -1.00 | -9999.00 | 4.60 | 1192.00 | 79.00 | 2.30 | 170.00 | 1.74700 |

CHANDLER LAKE LAKE SEDIMENT

PC. ONE - SAMPLE SET 2

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | URANIUM PPM | SILVER PPM | BISMUTH PPM | CADMIUM PPM | COPPER PPM | NIOBIUM PPM | NICKEL PPM | LEAD PPM | TIN PPM | TUNGSTEN PPM |
|------------|---------|----------|----|-------|--------|-------------|------------|-------------|-------------|------------|-------------|------------|----------|---------|--------------|
| 462813 | 68.4447 | 151.3764 | 7. | 189.0 | -9999. | 2.64 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 462815 | 68.4514 | 151.1872 | R. | 282.0 | -9999. | .68 | -5.00 | -5.00 | -5.00 | -10.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462816 | 68.4550 | 151.1322 | R. | 177.0 | -9999. | 2.46 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462817 | 68.4614 | 151.0772 | R. | 195.0 | -9999. | 2.17 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 27.00 | 6.00 | -10.00 | -15.00 |
| 462818 | 68.5022 | 151.0889 | B. | 209.0 | -9999. | 1.76 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | -15.00 | 9.00 | -10.00 | -15.00 |
| 462819 | 68.5014 | 151.1442 | B. | 168.0 | -9999. | 1.37 | -5.00 | -5.00 | 5.00 | 25.00 | -20.00 | 30.00 | -5.00 | -10.00 | -15.00 |
| 462820 | 68.5008 | 151.2199 | R. | 187.0 | -9999. | 2.58 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 38.00 | 5.00 | -10.00 | -15.00 |
| 462821 | 68.5172 | 151.2544 | R. | 199.0 | -9999. | 1.20 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462822 | 68.5350 | 151.1267 | B. | 133.0 | -9999. | 2.45 | -5.00 | -5.00 | -5.00 | 33.00 | -20.00 | 29.00 | 7.00 | -10.00 | -15.00 |
| 462823 | 68.5414 | 151.0900 | P. | 196.0 | -9999. | 2.47 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462824 | 68.5325 | 151.2783 | B. | 192.0 | -9999. | 1.78 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462825 | 68.5606 | 151.2314 | R. | 223.0 | -9999. | 2.18 | -5.00 | -5.00 | -5.00 | 46.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 |
| 462826 | 68.5439 | 151.2058 | R. | 160.0 | -9999. | 2.30 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462827 | 68.5958 | 151.2600 | B. | 149.0 | -9999. | 1.67 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462828 | 68.5261 | 151.2619 | B. | 120.0 | -9999. | 2.10 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 462829 | 68.5425 | 151.2408 | R. | 99.0 | -9999. | 2.49 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 24.00 | 5.00 | -10.00 | -15.00 |
| 462830 | 68.5619 | 151.2342 | R. | 94.0 | -9999. | .85 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 |
| 462831 | 68.6847 | 151.2258 | P. | 107.0 | -9999. | 1.79 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 462832 | 68.7019 | 151.2197 | B. | 48.0 | -9999. | .98 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 462833 | 68.7319 | 151.1789 | R. | 52.0 | -9999. | 2.56 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 40.00 | -5.00 | -10.00 | -15.00 |
| 462834 | 68.7458 | 151.1817 | R. | 72.0 | -9999. | 1.93 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 462835 | 68.7978 | 151.1911 | R. | 30.0 | -9999. | 2.18 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 27.00 | 5.00 | -10.00 | -15.00 |
| 462837 | 68.8106 | 151.2083 | B. | 60.0 | -9999. | 1.24 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 42.00 | -5.00 | -10.00 | -15.00 |
| 462838 | 68.8444 | 151.2358 | R. | 2.0 | -9999. | 2.32 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 19.00 | 5.00 | -10.00 | -15.00 |
| 462839 | 68.8508 | 151.2350 | B. | 7.0 | -9999. | 2.21 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 462840 | 68.8947 | 151.2617 | B. | 40.0 | -9999. | 2.66 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 37.00 | -5.00 | -10.00 | -15.00 |
| 462841 | 68.9111 | 151.1969 | 7. | 32.0 | -9999. | 1.10 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 28.00 | 7.00 | -10.00 | -15.00 |
| 462842 | 68.9344 | 151.1219 | 7. | 89.0 | -9999. | 2.41 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 |
| 462843 | 68.9525 | 151.0903 | 7. | 18.0 | -9999. | 2.25 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 40.00 | -5.00 | -10.00 | -15.00 |
| 462844 | 68.9386 | 151.0061 | 7. | 33.0 | -9999. | 2.28 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462845 | 68.9458 | 150.9489 | 7. | 9.0 | -9999. | 1.09 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 462846 | 68.9369 | 150.8808 | 7. | 35.0 | -9999. | 1.83 | -5.00 | -5.00 | -5.00 | 57.00 | -20.00 | 44.00 | -5.00 | -10.00 | -15.00 |
| 462847 | 68.9281 | 150.7786 | 7. | 32.0 | -9999. | 2.30 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 462848 | 68.9256 | 150.7111 | 7. | 13.0 | -9999. | 2.14 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462849 | 68.9453 | 150.8761 | 7. | 35.0 | -9999. | 1.45 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462850 | 68.9447 | 150.6019 | 7. | 10.0 | -9999. | 2.84 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 462851 | 68.9431 | 150.5936 | 7. | 3.0 | -9999. | 2.65 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 25.00 | 7.00 | -10.00 | -15.00 |
| 462852 | 68.9342 | 150.5619 | 7. | 26.0 | -9999. | 2.93 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 29.00 | 6.00 | -10.00 | -15.00 |
| 462853 | 68.9408 | 150.4962 | 7. | 30.0 | -9999. | 2.85 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462854 | 68.9386 | 150.3533 | 7. | 25.0 | -9999. | 2.96 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 33.00 | 10.00 | -10.00 | -15.00 |
| 462855 | 68.9333 | 150.3147 | 6. | 4.0 | -9999. | .67 | -5.00 | -5.00 | -5.00 | 40.00 | -20.00 | 22.00 | 14.00 | -10.00 | -15.00 |
| 462856 | 68.9547 | 150.3014 | 6. | 10.0 | -9999. | 2.87 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 |
| 462857 | 68.9542 | 150.1450 | 6. | 22.0 | -9999. | .19 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | 36.00 | -5.00 | -10.00 | -15.00 |
| 462858 | 68.9308 | 150.1211 | 6. | 2.0 | -9999. | 2.47 | -5.00 | -5.00 | -5.00 | -10.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 462859 | 68.9201 | 150.0764 | 6. | 32.0 | -9999. | 1.28 | -5.00 | -5.00 | -5.00 | 55.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 462861 | 68.9067 | 150.0064 | 7. | 11.0 | -9999. | 2.72 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 24.00 | 8.00 | -10.00 | -15.00 |
| 462864 | 68.9008 | 150.1375 | 7. | 8.0 | -9999. | 3.02 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 48.00 | 9.00 | -10.00 | -15.00 |
| 462865 | 68.9025 | 150.2497 | 7. | 6.0 | -9999. | 2.93 | -5.00 | -5.00 | -5.00 | 37.00 | -20.00 | 31.00 | 9.00 | -10.00 | -15.00 |
| 462866 | 68.8822 | 150.2772 | 7. | 5.0 | -9999. | 2.47 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 19.00 | 5.00 | -10.00 | -15.00 |
| 462867 | 68.9031 | 150.3878 | 7. | 1.0 | -9999. | 2.83 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 32.00 | -5.00 | -10.00 | -15.00 |

78

CHANNELLED LAKE LAKE SEDIMENT

PG. TWO - SAMPLE SFT 2

| SAMPLE NO. | AS PPM | SF PPM | ZR PPM | M7 PPM | PE PPM | LI PPM | AL PPM | AU PPM | BA PPM | CA PPM | CF PPM | CL PPM | CO PPM |
|------------|--------|--------|--------|----------|----------|----------|----------|--------|---------|----------|--------|---------|--------|
| 462413 | 6.00 | -5.00 | 100.00 | -9999.00 | -9999.00 | -9999.00 | 37430.00 | -0.08 | 363.00 | 13129.00 | 47.00 | 134.00 | 5.40 |
| 462415 | -5.00 | -5.00 | 30.00 | -9999.00 | -9999.00 | -9999.00 | 7908.00 | -0.05 | -202.00 | 34000.00 | -9.00 | 168.00 | 2.00 |
| 462415 | -5.00 | -5.00 | 71.00 | -9999.00 | -9999.00 | -9999.00 | 25660.00 | -0.04 | 279.00 | 12150.00 | 20.00 | 225.00 | 5.40 |
| 462417 | 5.00 | -5.00 | 90.00 | -9999.00 | -9999.00 | -9999.00 | 32040.00 | -0.05 | -131.00 | 59120.00 | 35.00 | -79.00 | 11.40 |
| 462419 | -5.00 | -5.00 | 26.00 | -9999.00 | -9999.00 | -9999.00 | 6259.00 | 1.73 | -373.00 | 21090.00 | -15.00 | -117.00 | -7.40 |
| 462419 | 7.00 | -5.00 | 44.00 | -9999.00 | -9999.00 | -9999.00 | 20020.00 | 1.69 | -268.00 | 11630.00 | -13.00 | 318.00 | 6.70 |
| 462420 | -5.00 | -5.00 | 111.00 | -9999.00 | -9999.00 | -9999.00 | 39830.00 | -0.03 | 474.00 | 7259.00 | 33.00 | -92.00 | 4.40 |
| 462421 | 24.00 | -5.00 | 67.00 | -9999.00 | -9999.00 | -9999.00 | 18310.00 | -0.14 | -304.00 | 19600.00 | -18.00 | 269.00 | 7.00 |
| 462422 | 7.00 | -5.00 | 118.00 | -9999.00 | -9999.00 | -9999.00 | 36650.00 | -0.04 | 364.00 | 47430.00 | 42.00 | -88.00 | 10.00 |
| 462423 | -5.00 | -5.00 | 57.00 | -9999.00 | -9999.00 | -9999.00 | 16410.00 | -0.12 | -404.00 | 22510.00 | -14.00 | -121.00 | 6.40 |
| 462424 | 7.00 | -5.00 | 24.00 | -9999.00 | -9999.00 | -9999.00 | 6101.00 | -0.07 | -437.00 | 24970.00 | -1.00 | 247.00 | -5.00 |
| 462425 | -5.00 | -5.00 | 53.00 | -9999.00 | -9999.00 | -9999.00 | 36080.00 | -0.08 | 343.00 | 18450.00 | 35.00 | 214.00 | 4.70 |
| 462426 | 7.00 | -5.00 | 165.00 | -9999.00 | -9999.00 | -9999.00 | 33480.00 | -0.04 | 258.00 | -655.00 | 41.00 | -56.00 | 8.40 |
| 462427 | -5.00 | -5.00 | 127.00 | -9999.00 | -9999.00 | -9999.00 | 25980.00 | -0.04 | 256.00 | 2055.00 | 71.00 | -43.00 | 3.40 |
| 462429 | 9.00 | -5.00 | 71.00 | -9999.00 | -9999.00 | -9999.00 | 26770.00 | -0.03 | 321.00 | 7404.00 | 23.00 | -58.00 | 8.10 |
| 462429 | 5.00 | -5.00 | 93.00 | -9999.00 | -9999.00 | -9999.00 | 31440.00 | -0.07 | 348.00 | 8422.00 | 48.00 | -67.00 | 5.40 |
| 462430 | 11.00 | -5.00 | 42.00 | -9999.00 | -9999.00 | -9999.00 | 15060.00 | -0.07 | -276.00 | 890.00 | 25.00 | 111.00 | 12.70 |
| 462431 | -5.00 | -5.00 | 85.00 | -9999.00 | -9999.00 | -9999.00 | 27130.00 | -0.09 | -297.00 | 12630.00 | 24.00 | -102.00 | 4.10 |
| 462432 | -5.00 | -5.00 | 26.00 | -9999.00 | -9999.00 | -9999.00 | 4557.00 | 1.34 | -737.00 | -4013.00 | -7.00 | -249.00 | 16.40 |
| 462433 | 9.00 | -5.00 | 71.00 | -9999.00 | -9999.00 | -9999.00 | 38790.00 | -0.13 | -295.00 | -2394.00 | -14.00 | 168.00 | 4.00 |
| 462434 | 5.00 | -5.00 | 97.00 | -9999.00 | -9999.00 | -9999.00 | 30040.00 | -0.04 | 262.00 | 3410.00 | 45.00 | -68.00 | 6.50 |
| 462435 | 7.00 | -5.00 | 112.00 | -9999.00 | -9999.00 | -9999.00 | 36370.00 | -0.04 | 515.00 | -1157.00 | 33.00 | -85.00 | 10.40 |
| 462437 | 7.00 | -5.00 | 58.00 | -9999.00 | -9999.00 | -9999.00 | 21940.00 | -0.12 | -486.00 | 9370.00 | -13.00 | -204.00 | 24.40 |
| 462438 | 8.00 | -5.00 | 108.00 | -9999.00 | -9999.00 | -9999.00 | 40180.00 | -0.10 | 763.00 | 9270.00 | 48.00 | -108.00 | 6.70 |
| 462439 | 5.00 | -5.00 | 117.00 | -9999.00 | -9999.00 | -9999.00 | 42560.00 | -0.05 | 492.00 | 3910.00 | 42.00 | -95.00 | 10.00 |
| 462440 | 14.00 | -5.00 | 158.00 | -9999.00 | -9999.00 | -9999.00 | 51770.00 | .49 | 551.00 | -976.00 | 10.00 | -74.00 | 16.40 |
| 462441 | 7.00 | -5.00 | 92.00 | -9999.00 | -9999.00 | -9999.00 | 19160.00 | .97 | -299.00 | -2706.00 | -19.00 | -112.00 | 4.40 |
| 462442 | 13.00 | -5.00 | 184.00 | -9999.00 | -9999.00 | -9999.00 | 38100.00 | -0.08 | 411.00 | 5347.00 | 48.00 | -91.00 | 10.10 |
| 462443 | 29.00 | -5.00 | 114.00 | -9999.00 | -9999.00 | -9999.00 | 49600.00 | -0.07 | 575.00 | -1280.00 | 37.00 | -110.00 | 25.10 |
| 462444 | 9.00 | -5.00 | 82.00 | -9999.00 | -9999.00 | -9999.00 | 38230.00 | -0.26 | -323.00 | -2381.00 | -26.00 | -137.00 | -3.70 |
| 462445 | 11.00 | -5.00 | 51.00 | -9999.00 | -9999.00 | -9999.00 | 22050.00 | -0.22 | -437.00 | -3332.00 | -27.00 | -147.00 | -1.70 |
| 462446 | 9.00 | -5.00 | 72.00 | -9999.00 | -9999.00 | -9999.00 | 42900.00 | -0.22 | -378.00 | -2446.00 | 35.00 | -523.00 | 10.20 |
| 462447 | 13.00 | -5.00 | 132.00 | -9999.00 | -9999.00 | -9999.00 | 36730.00 | -0.05 | 516.00 | -1016.00 | 40.00 | 94.00 | 7.30 |
| 462448 | 16.00 | -5.00 | 62.00 | -9999.00 | -9999.00 | -9999.00 | 28170.00 | -0.24 | -305.00 | -2965.00 | -23.00 | -123.00 | 11.00 |
| 462449 | 11.00 | -5.00 | 54.00 | -9999.00 | -9999.00 | -9999.00 | 25110.00 | -0.17 | -381.00 | -2638.00 | -22.00 | 336.00 | 7.30 |
| 462450 | 11.00 | -5.00 | 176.00 | -9999.00 | -9999.00 | -9999.00 | 53940.00 | -0.10 | 543.00 | -951.00 | 68.00 | -97.00 | 10.40 |
| 462451 | 7.00 | -5.00 | 178.00 | -9999.00 | -9999.00 | -9999.00 | 46320.00 | .77 | 724.00 | -841.00 | 47.00 | -87.00 | 9.70 |
| 462452 | 11.00 | -5.00 | 180.00 | -9999.00 | -9999.00 | -9999.00 | 51970.00 | -0.10 | 911.00 | -1099.00 | 23.00 | -97.00 | 14.40 |
| 462453 | 13.00 | -5.00 | 707.00 | -9999.00 | -9999.00 | -9999.00 | 44730.00 | -0.08 | 443.00 | -988.00 | 60.00 | -93.00 | 12.70 |
| 462454 | -5.00 | -5.00 | 192.00 | -9999.00 | -9999.00 | -9999.00 | 52490.00 | -0.09 | 596.00 | 4180.00 | 49.00 | -91.00 | 11.00 |
| 462455 | -5.00 | -5.00 | 28.00 | -9999.00 | -9999.00 | -9999.00 | 11930.00 | 1.57 | -280.00 | -7431.00 | -0.04 | 233.00 | -3.10 |
| 462456 | 9.00 | -5.00 | 197.00 | -9999.00 | -9999.00 | -9999.00 | 51630.00 | -0.09 | 522.00 | 3927.00 | 32.00 | -81.00 | 16.00 |
| 462457 | 7.00 | -5.00 | 37.00 | -9999.00 | -9999.00 | -9999.00 | 12530.00 | -0.11 | -277.00 | -2041.00 | 24.00 | 343.00 | 9.70 |
| 462458 | 8.00 | -5.00 | 206.00 | -9999.00 | -9999.00 | -9999.00 | 45080.00 | -0.08 | 359.00 | -774.00 | 44.00 | -30.00 | 7.90 |
| 462459 | 12.00 | -5.00 | 51.00 | -9999.00 | -9999.00 | -9999.00 | 20150.00 | -0.08 | 299.00 | 11960.00 | 21.00 | 308.00 | 4.10 |
| 462460 | 5.00 | -5.00 | 175.00 | -9999.00 | -9999.00 | -9999.00 | 44800.00 | -0.10 | 437.00 | -1007.00 | 55.00 | -88.00 | 4.40 |
| 462461 | 10.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 54090.00 | -0.08 | 476.00 | -785.00 | 72.00 | -87.00 | 13.00 |
| 462462 | 5.00 | -5.00 | 111.00 | -9999.00 | -9999.00 | -9999.00 | 51310.00 | -0.10 | 577.00 | -945.00 | 54.00 | -94.00 | 11.00 |
| 462463 | 7.00 | -5.00 | 211.00 | -9999.00 | -9999.00 | -9999.00 | 40030.00 | -0.04 | 490.00 | -672.00 | 44.00 | -75.00 | 11.00 |
| 462467 | 15.00 | -5.00 | 194.00 | -9999.00 | -9999.00 | -9999.00 | 50360.00 | -0.10 | 609.00 | 3777.00 | 65.00 | -87.00 | 10.00 |

67

CHANDLER LAKE LAKE SEDIMENT

PC. THREE - SAMPLE SFT 2

| SAMPLE NO. | CR PPM | CS PPM | DY PPM | FI PPM | FE PPM | HF PPM | M PPM | LA PPM | LI PPM | PC PPM | PN PPM | PS PPM | SR PPM |
|------------|--------|--------|--------|--------|----------|--------|-----------|--------|--------|----------|---------|----------|---------|
| 462413 | 53.00 | -7.10 | 3.00 | .80 | 11000.00 | 4.70 | 9020.00 | 24.00 | -.10 | 7647.00 | 92.00 | 2412.00 | -43.00 |
| 462415 | -11.00 | -1.60 | -2.00 | -.40 | 1699.00 | -1.30 | -3438.00 | -5.00 | -.10 | -1472.00 | 296.00 | 516.00 | -32.00 |
| 462416 | 50.00 | -1.40 | 2.00 | .50 | 10010.00 | -.80 | -2923.00 | 10.00 | .20 | 2999.00 | 140.00 | 2126.00 | -34.00 |
| 462417 | 66.00 | -1.10 | 3.00 | .80 | 21040.00 | 3.30 | 6979.00 | 17.00 | .30 | 6200.00 | 565.00 | 2539.00 | -41.00 |
| 462418 | -20.00 | -2.80 | -4.00 | -.70 | -90.00 | -2.40 | -4406.00 | -13.00 | -.20 | -2279.00 | 286.00 | 607.00 | -77.00 |
| 462419 | -19.00 | -3.20 | -2.00 | -.70 | 10510.00 | -2.50 | -3749.00 | -9.00 | -.20 | 3095.00 | 174.00 | 1937.00 | -61.00 |
| 462420 | 64.00 | 2.90 | 4.00 | .70 | 15000.00 | 3.70 | 8929.00 | 21.00 | -.20 | 3906.00 | 101.00 | 2439.00 | -24.00 |
| 462421 | -10.00 | -4.80 | -3.00 | -1.00 | 27720.00 | -3.70 | -7055.00 | -21.00 | -.30 | -2915.00 | 754.00 | 1482.00 | -122.00 |
| 462422 | 66.00 | 2.30 | 4.00 | .90 | 31300.00 | 4.30 | 8137.00 | 20.00 | .20 | 6762.00 | 866.00 | 2305.00 | -31.00 |
| 462423 | -22.00 | -3.60 | -3.00 | -.80 | 9850.00 | -2.70 | -5688.00 | -11.00 | -.20 | -2522.00 | 515.00 | 140.00 | -73.00 |
| 462424 | -12.00 | -2.20 | -3.00 | -.30 | 9387.00 | -1.50 | -8193.00 | -9.00 | -.10 | -3129.00 | 945.00 | 837.00 | -14.00 |
| 462425 | 78.00 | -2.10 | 5.00 | 1.40 | 9924.00 | 2.50 | 7999.00 | 27.00 | .30 | 3701.00 | 66.00 | 2242.00 | -56.00 |
| 462426 | 73.00 | 2.40 | 3.00 | .90 | 18150.00 | 6.00 | 6929.00 | 27.00 | .30 | 2469.00 | 185.00 | 1322.00 | 62.00 |
| 462427 | 57.00 | -1.30 | 3.00 | .60 | 8504.00 | 5.20 | 5569.00 | 16.00 | .20 | 2713.00 | 50.00 | 2284.00 | -73.00 |
| 462428 | 37.00 | 2.60 | 2.00 | .70 | 14330.00 | 2.30 | -2537.00 | 15.00 | .20 | 2068.00 | 145.00 | 1852.00 | -28.00 |
| 462429 | 55.00 | -2.20 | 3.00 | .60 | 13430.00 | 3.40 | 7149.00 | 26.00 | .30 | 3116.00 | 58.00 | 2526.00 | -50.00 |
| 462430 | 38.00 | -2.20 | 3.00 | -.50 | 29960.00 | -1.60 | -5133.00 | -6.00 | -.10 | -2018.00 | 449.00 | 1123.00 | -51.00 |
| 462431 | 46.00 | -2.90 | 3.00 | -.50 | 12880.00 | -2.20 | 6891.00 | 17.00 | -.20 | -2114.00 | 570.00 | 2140.00 | -53.00 |
| 462432 | -14.00 | -2.70 | -4.00 | -.40 | 16320.00 | -1.70 | -18280.00 | -10.00 | -.10 | -6282.00 | 4510.00 | 598.00 | -77.00 |
| 462433 | 49.00 | -4.10 | -2.00 | -.70 | -108.00 | -3.00 | 10970.00 | -13.00 | -.30 | 5078.00 | 269.00 | 2190.00 | -98.00 |
| 462434 | 52.00 | 2.40 | 3.00 | .70 | 16370.00 | 3.70 | 8698.00 | 16.00 | .20 | 2102.00 | 123.00 | 2474.00 | -78.00 |
| 462436 | 53.00 | -1.60 | 4.00 | .70 | 21420.00 | 3.40 | -3673.00 | 17.00 | .30 | 3877.00 | 290.00 | 3762.00 | -36.00 |
| 462437 | 38.00 | -3.80 | -3.00 | -.70 | 9927.00 | -2.80 | -12470.00 | -15.00 | -.20 | -4330.00 | 3748.00 | 2217.00 | -91.00 |
| 462438 | 51.00 | -3.00 | 5.00 | 1.10 | 16450.00 | 3.40 | 8314.00 | 22.00 | -.20 | 3461.00 | 171.00 | 6249.00 | -57.00 |
| 462439 | 67.00 | -1.70 | 4.00 | .80 | 19100.00 | 2.80 | 8914.00 | 19.00 | .20 | 3491.00 | 192.00 | 4519.00 | -35.00 |
| 462440 | 97.00 | -2.40 | 4.00 | -.50 | 41470.00 | 6.00 | 10680.00 | 31.00 | -.20 | 4826.00 | 305.00 | 4984.00 | -61.00 |
| 462441 | 53.00 | -4.10 | -3.00 | -1.60 | 45900.00 | -3.30 | -4096.00 | -19.00 | -.30 | -2129.00 | 210.00 | 2351.00 | -103.00 |
| 462442 | 98.00 | -2.10 | 4.00 | .90 | 18070.00 | 8.00 | 7271.00 | 22.00 | .30 | 3144.00 | 223.00 | 5548.00 | -47.00 |
| 462443 | 69.00 | -2.30 | 5.00 | 1.00 | 97210.00 | 3.20 | 16430.00 | 24.00 | .30 | 3813.00 | 857.00 | 4629.00 | -64.00 |
| 462444 | -47.00 | -6.60 | -2.00 | -1.30 | 20810.00 | -5.10 | 10900.00 | -37.00 | -.50 | -2598.00 | 108.00 | 3595.00 | -118.00 |
| 462445 | -33.00 | -5.10 | -5.00 | -1.40 | 23370.00 | -4.60 | -4106.00 | -31.00 | -.40 | -2771.00 | 90.00 | 1534.00 | -142.00 |
| 462446 | 63.00 | -5.50 | 5.00 | -1.20 | 29080.00 | -4.50 | 9705.00 | -18.00 | -.40 | -2630.00 | 145.00 | 2835.00 | -120.00 |
| 462447 | 98.00 | -1.40 | 4.00 | .90 | 22680.00 | 5.20 | -3033.00 | 22.00 | .20 | 2716.00 | 207.00 | 4980.00 | -25.00 |
| 462448 | -38.00 | -1.00 | 3.00 | -1.20 | 40830.00 | -4.70 | -4260.00 | -34.00 | -.40 | -2291.00 | 145.00 | 2367.00 | -124.00 |
| 462449 | -28.00 | -4.80 | -5.00 | -1.10 | 23470.00 | -3.70 | -5103.00 | -23.00 | -.30 | -2603.00 | 228.00 | 1750.00 | -114.00 |
| 462450 | 99.00 | 3.70 | 5.00 | 1.20 | 27310.00 | 7.90 | 11580.00 | 27.00 | .40 | 3483.00 | 217.00 | 7176.00 | -50.00 |
| 462451 | 95.00 | 3.10 | 5.00 | 1.20 | 24990.00 | 6.20 | 10520.00 | 27.00 | .40 | 3925.00 | 184.00 | 6932.00 | -24.00 |
| 462452 | 93.00 | -2.80 | 5.00 | 1.20 | 33130.00 | 8.40 | 10400.00 | 27.00 | -.20 | 4104.00 | 208.00 | 6797.00 | -63.00 |
| 462453 | 90.00 | -1.70 | 5.00 | 1.20 | 21570.00 | 7.00 | 8993.00 | 29.00 | .40 | 3859.00 | 290.00 | 7373.00 | -37.00 |
| 462454 | 67.00 | 3.60 | 6.00 | 1.40 | 24220.00 | 8.40 | 10880.00 | 25.00 | .40 | 5219.00 | 193.00 | 7440.00 | -1.00 |
| 462455 | 71.00 | -2.10 | 5.00 | .50 | 6990.00 | -1.40 | -2966.00 | -10.00 | -.10 | -1708.00 | 87.00 | 1147.00 | -69.00 |
| 462456 | 72.00 | -2.50 | 5.00 | 1.20 | 21600.00 | 7.80 | 7973.00 | 22.00 | -.20 | 3224.00 | 147.00 | 7003.00 | -55.00 |
| 462457 | -18.00 | -2.70 | -3.00 | -.70 | 12190.00 | -2.40 | -3998.00 | -15.00 | -.20 | -1844.00 | 276.00 | 986.00 | -74.00 |
| 462458 | 94.00 | 2.80 | 3.00 | .90 | 20670.00 | 7.70 | 8183.00 | 23.00 | .20 | 2017.00 | 170.00 | 4925.00 | -43.00 |
| 462459 | 36.00 | -1.90 | 3.00 | .80 | 22630.00 | -1.10 | -5211.00 | -7.00 | .20 | -2022.00 | 610.00 | 12500.00 | -48.00 |
| 462461 | 94.00 | -2.70 | 5.00 | 1.00 | 21020.00 | 7.70 | 9384.00 | 31.00 | -.20 | 4591.00 | 195.00 | 6797.00 | -61.00 |
| 462464 | 95.00 | 3.70 | 6.00 | 1.40 | 31460.00 | 7.20 | 12980.00 | 34.00 | .40 | 5810.00 | 190.00 | 5403.00 | -27.00 |
| 462465 | 83.00 | -2.60 | 6.00 | 1.10 | 23030.00 | 6.20 | 9282.00 | 29.00 | .20 | 4300.00 | 247.00 | 5758.00 | -47.00 |
| 462466 | 91.00 | 2.30 | 4.00 | .90 | 25580.00 | 7.00 | 6802.00 | 26.00 | .20 | 4917.00 | 218.00 | 6281.00 | -26.00 |
| 462467 | 91.00 | -2.30 | 5.00 | 1.40 | 22960.00 | 7.30 | 9854.00 | 24.00 | -.10 | 5589.00 | 220.00 | 7022.00 | -53.00 |

30

CHANDLER LAKE LAKE SEDIMENT

PC. FILED - SAMPLE 111 2 2

| SAMPLE NO. | SM PPM | SC PPM | SP PPM | SR PPM | TA PPM | TR PPM | TH PPM | TI PPM | V PPM | TR PPM | TM PPM | TH/O RATIO | |
|------------|--------|--------|--------|----------|--------|----------|--------|----------|--------|--------|---------|------------|------|
| 462813 | -2.00 | 7.10 | 2.70 | -149.00 | -2.00 | -1.00 | 5.50 | 3285.00 | 84.00 | -2.00 | -80.00 | 2.09300 | 5000 |
| 462815 | -1.00 | 1.70 | -5.00 | -255.00 | -1.00 | -1.00 | -1.30 | -9999.00 | 12.00 | -1.70 | -42.00 | 0.00000 | 5000 |
| 462816 | -1.00 | 5.60 | 1.50 | -201.00 | -2.00 | -1.00 | 3.40 | 2370.00 | 56.00 | -1.20 | 83.00 | 1.38100 | 5000 |
| 462817 | -2.00 | 7.40 | 2.40 | -203.00 | -2.00 | -1.00 | 4.60 | 3041.00 | 76.00 | -1.70 | -121.00 | 2.11900 | 5000 |
| 462818 | -3.00 | 1.00 | -1.10 | -377.00 | -3.00 | -1.00 | -7.40 | -9999.00 | -10.00 | -3.30 | -91.00 | 0.00000 | 5000 |
| 462819 | -3.00 | 5.50 | -0.90 | -306.00 | -4.00 | -1.00 | 2.40 | -9999.00 | 44.00 | -3.40 | -90.00 | 1.75100 | 5000 |
| 462820 | -1.00 | 7.90 | 2.20 | -134.00 | -1.00 | -9999.00 | 5.00 | 2822.00 | 94.00 | 2.30 | 174.00 | 1.93000 | 5000 |
| 462821 | -5.00 | 3.00 | -1.10 | -507.00 | -6.00 | -2.00 | -3.70 | -9999.00 | 38.00 | -5.70 | -182.00 | 0.00000 | 5000 |
| 462822 | -1.00 | 8.90 | 4.90 | -255.00 | -1.00 | -1.00 | 5.60 | 2701.00 | 78.00 | -1.40 | 127.00 | 2.23000 | 5000 |
| 462823 | -3.00 | 3.50 | -1.00 | -475.00 | -3.00 | -7.00 | -2.70 | -9999.00 | 38.00 | -3.00 | 125.00 | 0.00000 | 5000 |
| 462824 | -2.00 | 1.50 | -4.40 | -602.00 | -3.00 | -1.00 | -1.50 | -9999.00 | -17.00 | -2.20 | -73.00 | 0.00000 | 5000 |
| 462825 | -2.00 | 12.20 | 3.50 | -158.00 | -7.00 | -1.00 | 7.90 | 2535.00 | 74.00 | -3.00 | 145.00 | 2.23000 | 5000 |
| 462826 | -1.00 | 6.90 | 2.90 | -132.00 | -2.00 | -1.00 | 5.20 | 3273.00 | 75.00 | 2.60 | 51.00 | 2.26200 | 5000 |
| 462827 | -1.00 | 4.10 | 1.90 | -104.00 | -1.00 | -1.00 | 3.50 | 2325.00 | 62.00 | 7.70 | 44.00 | 2.09000 | 5000 |
| 462828 | -1.00 | 6.10 | 1.60 | -162.00 | -1.00 | -9999.00 | 4.10 | 2364.00 | 64.00 | -0.90 | 115.00 | 1.95300 | 5000 |
| 462829 | -2.00 | 6.50 | 1.80 | -156.00 | -3.00 | -1.00 | 3.80 | 2702.00 | 67.00 | -2.20 | 110.00 | 1.52700 | 5000 |
| 462830 | -2.00 | 4.30 | -0.70 | -357.00 | -3.00 | -1.00 | 3.10 | -9999.00 | 42.00 | -2.20 | -63.00 | 3.60000 | 5000 |
| 462831 | -3.00 | 5.90 | 2.00 | -383.00 | -3.00 | -1.00 | 2.40 | 2543.00 | 64.00 | -2.90 | -69.00 | 1.90100 | 5000 |
| 462832 | -2.00 | 2.50 | -4.40 | -9999.00 | -3.00 | -1.00 | -1.70 | -9999.00 | -37.00 | -2.50 | -41.00 | 0.00000 | 5000 |
| 462833 | -4.00 | 8.40 | -0.90 | -341.00 | -6.00 | -2.00 | 5.00 | 1884.00 | 71.00 | -4.10 | 398.00 | 2.28900 | 5000 |
| 462834 | -1.00 | 5.70 | 2.60 | -111.00 | -1.00 | -1.00 | 4.70 | 2067.00 | 65.00 | 2.30 | 102.00 | 2.15500 | 5000 |
| 462835 | -1.00 | 7.70 | 2.60 | -246.00 | -1.00 | -1.00 | 5.70 | 3549.00 | 76.00 | 2.60 | -74.00 | 2.21800 | 5000 |
| 462837 | -3.00 | 5.40 | -0.80 | -405.00 | -4.00 | -2.00 | -2.70 | -9999.00 | -76.00 | -3.90 | -125.00 | 0.00000 | 5000 |
| 462838 | -3.00 | 8.90 | 2.40 | -206.00 | -3.00 | -1.00 | 6.90 | 3214.00 | 75.00 | -3.10 | -74.00 | 2.29700 | 5000 |
| 462839 | -2.00 | 8.90 | 2.50 | -233.00 | -2.00 | -1.00 | 6.70 | 3696.00 | 84.00 | 3.90 | 141.00 | 2.20900 | 5000 |
| 462840 | -3.00 | 10.20 | 3.70 | -184.00 | -4.00 | -1.00 | 7.80 | 4444.00 | 111.00 | -3.20 | -87.00 | 2.29300 | 5000 |
| 462841 | -4.00 | 4.50 | -1.90 | -303.00 | -4.00 | -2.00 | 5.40 | 2469.00 | 71.00 | -4.80 | -125.00 | 4.29700 | 5000 |
| 462842 | -2.00 | 7.10 | 4.40 | -200.00 | -2.00 | -1.00 | 7.40 | 3032.00 | 77.00 | 3.20 | -77.00 | 2.06700 | 5000 |
| 462843 | -2.00 | 10.10 | 3.40 | -358.00 | -2.00 | -1.00 | 6.40 | 4039.00 | 117.00 | -2.00 | 260.00 | 2.24100 | 5000 |
| 462844 | -7.00 | 6.30 | -2.00 | -338.00 | -8.00 | -3.00 | -5.20 | -9999.00 | 46.00 | -8.00 | -212.00 | 0.00000 | 5000 |
| 462845 | -6.00 | 4.10 | -2.70 | -390.00 | -7.00 | -3.00 | -4.40 | -9999.00 | 29.00 | -6.80 | -194.00 | 0.00000 | 5000 |
| 462846 | -5.00 | 11.00 | 3.40 | -304.00 | -7.00 | -3.00 | 5.80 | 3857.00 | 106.00 | -6.70 | -160.00 | 3.15500 | 5000 |
| 462847 | -1.00 | 7.90 | 3.00 | -188.00 | -1.00 | -1.00 | 6.90 | 3211.00 | 79.00 | -1.60 | -49.00 | 3.00300 | 5000 |
| 462848 | -7.00 | 8.70 | -1.40 | -327.00 | -7.00 | -3.00 | -4.70 | 2417.00 | 61.00 | -7.40 | -102.00 | 0.00000 | 5000 |
| 462849 | -5.00 | 5.70 | -2.20 | -377.00 | -4.00 | -2.00 | -3.40 | -9999.00 | 57.00 | -5.40 | -28.00 | 0.00000 | 5000 |
| 462850 | -3.00 | 10.80 | 5.30 | -230.00 | -2.00 | -1.00 | 7.70 | 4482.00 | 127.00 | 4.50 | 120.00 | 2.53000 | 5000 |
| 462851 | -2.00 | 10.20 | 3.50 | -190.00 | -1.00 | -1.00 | 8.10 | 4411.00 | 107.00 | 3.10 | -51.00 | 3.05900 | 5000 |
| 462852 | -3.00 | 10.80 | -3.70 | -205.00 | -3.00 | -1.00 | 8.70 | 4849.00 | 120.00 | 6.40 | -74.00 | 2.91700 | 5000 |
| 462853 | -2.00 | 9.40 | 4.50 | -180.00 | -2.00 | -1.00 | 9.20 | 3995.00 | 102.00 | 4.00 | 68.00 | 2.27400 | 5000 |
| 462854 | -3.00 | 11.00 | 4.20 | -215.00 | -7.00 | -1.00 | 4.30 | 4336.00 | 117.00 | 3.70 | -11.00 | 2.20100 | 5000 |
| 462855 | -2.00 | 3.00 | 2.30 | -257.00 | -2.00 | -1.00 | -1.40 | -9999.00 | 33.00 | -2.30 | -70.00 | 0.00000 | 5000 |
| 462856 | -3.00 | 10.10 | 3.10 | -164.00 | -3.00 | -1.00 | 7.00 | 4631.00 | 105.00 | -2.70 | 160.00 | 2.43900 | 5000 |
| 462857 | -3.00 | 3.00 | 4.70 | -292.00 | -3.00 | -1.00 | -2.70 | -9999.00 | 21.00 | -3.40 | -95.00 | 0.00000 | 5000 |
| 462858 | -2.00 | 8.20 | -4.70 | -194.00 | -2.00 | -1.00 | 6.70 | 4521.00 | 91.00 | 2.40 | -50.00 | 2.71000 | 5000 |
| 462859 | -2.00 | 5.00 | 1.70 | -269.00 | -2.00 | -1.00 | 3.00 | -9999.00 | 52.00 | -1.00 | -17.00 | 2.20900 | 5000 |
| 462860 | -3.00 | 9.40 | -4.90 | -184.00 | -3.00 | -1.00 | 7.80 | 3799.00 | 94.00 | -2.90 | 109.00 | 2.28500 | 5000 |
| 462861 | -2.00 | 12.30 | 5.50 | -143.00 | -1.00 | -1.00 | 9.60 | 4380.00 | 121.00 | 3.00 | 130.00 | 3.17500 | 5000 |
| 462862 | -3.00 | 11.30 | 3.90 | -243.00 | -3.00 | -1.00 | 7.70 | 4175.00 | 120.00 | -3.70 | 129.00 | 2.62500 | 5000 |
| 462863 | -1.00 | 8.30 | -2.90 | -175.00 | -1.00 | -1.00 | 8.20 | 3837.00 | 85.00 | 3.00 | -32.00 | 2.55100 | 5000 |
| 462867 | -3.00 | 10.50 | 4.20 | -176.00 | -3.00 | -1.00 | 7.90 | 4153.00 | 109.00 | -2.60 | 117.00 | 2.79200 | 5000 |

TR

CHANDLER LAKE LAKE SEDIMENT

PR. ONE - SAMPLE SET 3

| SAMPLE NO. | LAT. | LONG. | PH | COND. | SCINT. | URANIUM PPM | SILVER PPM | ARSENIC PPM | CADMIUM PPM | COPPER PPM | NICKEL PPM | LEAD PPM | ZINC PPM | THYMOXYL PPM | |
|------------|----------|----------|----|-------|--------|-------------|------------|-------------|-------------|------------|------------|----------|----------|--------------|----------|
| 462464 | 68.70214 | 150.3642 | 7. | 1.0 | -9999. | 2.35 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 462469 | 68.7454 | 150.4206 | 6. | 8.0 | -9999. | 3.27 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 50.00 | 9.00 | -10.00 | -15.00 |
| 462470 | 68.7449 | 150.5558 | 6. | 2.0 | -9999. | 2.39 | -5.00 | -5.00 | -5.00 | 16.00 | -20.00 | 17.00 | 5.00 | -10.00 | -15.00 |
| 463001 | 68.7447 | 150.0344 | 7. | 60.0 | -9999. | 5.19 | -5.00 | -5.00 | -5.00 | 39.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 463002 | 68.7764 | 150.0593 | 7. | 191.0 | -9999. | 2.23 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463003 | 68.7528 | 150.1011 | 8. | 27.0 | -9999. | 3.31 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 45.00 | 6.00 | -10.00 | -15.00 |
| 463004 | 68.7708 | 150.1594 | 9. | 11.0 | -9999. | .49 | -5.00 | -5.00 | 7.00 | 70.00 | -20.00 | 49.00 | -5.00 | -10.00 | -15.00 |
| 463005 | 68.7436 | 150.2125 | 7. | 7.0 | -9999. | 2.34 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 19.00 | 5.00 | -10.00 | -15.00 |
| 463006 | 68.7506 | 150.3158 | 7. | 6.0 | -9999. | .83 | -5.00 | -5.00 | -5.00 | 15.00 | -20.00 | 44.00 | -5.00 | -10.00 | -15.00 |
| 463007 | 68.7531 | 150.3929 | 5. | 8.0 | -9999. | .66 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 17.00 | -5.00 | -10.00 | -15.00 |
| 463008 | 68.7792 | 150.4351 | 6. | 31.0 | -9999. | 1.21 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 16.00 | -5.00 | -10.00 | -15.00 |
| 463009 | 68.7617 | 150.4408 | 6. | 6.0 | -9999. | .50 | -5.00 | -5.00 | -5.00 | 35.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 |
| 463010 | 68.7450 | 150.5317 | 6. | 6.0 | -9999. | .64 | -5.00 | -5.00 | -5.00 | 36.00 | -20.00 | 47.00 | -5.00 | -10.00 | -15.00 |
| 463011 | 68.7545 | 150.5933 | 6. | 8.0 | -9999. | 1.41 | -5.00 | -5.00 | -5.00 | 50.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 463012 | 68.7475 | 150.6304 | 6. | 5.0 | -9999. | .71 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 |
| 463013 | 68.7506 | 150.6572 | 6. | 7.0 | -9999. | 2.66 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 21.00 | 8.00 | -10.00 | -15.00 |
| 463014 | 68.7514 | 150.7564 | 6. | 7.0 | -9999. | 1.10 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 463017 | 68.7450 | 150.9531 | 6. | 19.0 | -9999. | 1.21 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 |
| 463019 | 68.7467 | 151.0875 | 7. | 226.0 | -9999. | 2.06 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 37.00 | -5.00 | -10.00 | -15.00 |
| 463020 | 68.7758 | 151.1457 | 7. | 210.0 | -9999. | 4.02 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 463021 | 68.7619 | 151.1556 | 7. | 55.0 | -9999. | .77 | -5.00 | -5.00 | 8.00 | 16.00 | -20.00 | 59.00 | -5.00 | -10.00 | -15.00 |
| 463022 | 68.7517 | 151.1131 | 7. | 150.0 | -9999. | 2.61 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 |
| 463023 | 68.7517 | 151.9028 | 8. | 4.0 | -9999. | 2.44 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 32.00 | 5.00 | -10.00 | -15.00 |
| 463024 | 68.7358 | 150.9719 | 5. | 12.0 | -9999. | 1.18 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 19.00 | 8.00 | -10.00 | -15.00 |
| 463025 | 68.7030 | 150.8492 | 7. | 8.0 | -9999. | 2.67 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 25.00 | 9.00 | -10.00 | -15.00 |
| 463026 | 68.7128 | 150.9439 | 6. | 71.0 | -9999. | .16 | -5.00 | -5.00 | -5.00 | 13.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463027 | 68.7000 | 150.7756 | 6. | 13.0 | -9999. | 1.68 | -5.00 | -5.00 | -5.00 | 11.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463028 | 68.7961 | 150.7039 | 6. | 12.0 | -9999. | 2.94 | -5.00 | -5.00 | -5.00 | 32.00 | -20.00 | 51.00 | -5.00 | -10.00 | -15.00 |
| 463029 | 68.8242 | 150.6547 | 5. | 10.0 | -9999. | .26 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 463030 | 68.7119 | 150.7100 | 6. | 65.0 | -9999. | 2.29 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 26.00 | -5.00 | -10.00 | -15.00 |
| 463031 | 68.7958 | 150.5447 | 7. | 9.0 | -9999. | .33 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 463032 | 68.7049 | 150.4594 | 7. | 36.0 | -9999. | 1.16 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463033 | 68.7903 | 150.4164 | 7. | 10.0 | -9999. | 1.76 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 463034 | 68.8186 | 150.3417 | 7. | 10.0 | -9999. | 1.55 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 |
| 463035 | 68.7994 | 150.3161 | 6. | 11.0 | -9999. | .91 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 19.00 | -5.00 | -10.00 | -15.00 |
| 463036 | 68.7117 | 150.2464 | 4. | 8.0 | -9999. | 2.32 | -5.00 | -5.00 | -5.00 | 23.00 | -20.00 | 17.00 | 5.00 | -10.00 | -15.00 |
| 463037 | 68.7997 | 150.1956 | 5. | 10.0 | -9999. | .54 | -5.00 | -5.00 | -5.00 | 42.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 463038 | 68.9175 | 150.1244 | 6. | 9.0 | -9999. | 1.95 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 463039 | 68.7175 | 150.0789 | 7. | 70.0 | -9999. | 1.20 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463040 | 68.7011 | 150.0111 | 7. | 22.0 | -9999. | 1.59 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 463041 | 68.9031 | 151.1169 | 7. | 37.0 | -9999. | 1.84 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 463042 | 68.7436 | 151.0623 | 7. | 55.0 | -9999. | 2.57 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 463043 | 68.7444 | 151.1133 | 7. | 41.0 | -9999. | 1.68 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 34.00 | -5.00 | -10.00 | -15.00 |
| 463044 | 68.8461 | 151.1117 | 7. | 42.0 | -9999. | 1.26 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 |
| 463045 | 68.8328 | 151.0239 | 7. | 17.0 | -9999. | 1.29 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 27.00 | 7.00 | -10.00 | -15.00 |
| 463047 | 68.8497 | 150.9381 | 7. | 13.0 | -9999. | 1.74 | -5.00 | -5.00 | -5.00 | 43.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463048 | 68.7400 | 151.0023 | 4. | 15.0 | -9999. | 1.10 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 463049 | 68.8911 | 150.7540 | 7. | 17.0 | -9999. | 1.61 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 33.00 | -5.00 | -10.00 | -15.00 |
| 463049 | 68.8486 | 150.8433 | 7. | 13.0 | -9999. | 1.94 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 463050 | 68.7783 | 150.8597 | 6. | 13.0 | -9999. | 2.30 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 22.00 | 5.00 | -10.00 | -15.00 |

32

SHAWNEE LAKE LAKE SEDIMENT

| SAMPLE NO. | AS PPM | SF PPM | ZN PPM | MO PPM | RE PPM | LI PPM | AL PPM | 411 PPM | 98 PPM | CS PPM | CF PPM | CL PPM | CT PPM |
|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|----------|--------|---------|--------|
| 412868 | 7.00 | -5.00 | 103.00 | -9999.00 | -9999.00 | -9999.00 | 52840.00 | -10 | 542.00 | 4447.00 | 41.00 | -167.00 | 9.00 |
| 412869 | 8.00 | -5.00 | 140.00 | -9999.00 | -9999.00 | -9999.00 | 69440.00 | -12 | 591.00 | 4836.00 | 70.00 | -111.00 | 70.00 |
| 412870 | 8.00 | -5.00 | 223.00 | -9999.00 | -9999.00 | -9999.00 | 34780.00 | -03 | 417.00 | 2280.00 | 49.00 | -65.00 | 8.00 |
| 413001 | 10.00 | -5.00 | 75.00 | -9999.00 | -9999.00 | -9999.00 | 26040.00 | -12 | 359.00 | 15840.00 | -11.00 | -27.00 | 8.00 |
| 413002 | 5.00 | -5.00 | 43.00 | -9999.00 | -9999.00 | -9999.00 | 14370.00 | .26 | -251.00 | 14110.00 | -11.00 | 471.00 | -5.00 |
| 413003 | 9.00 | -5.00 | 144.00 | -9999.00 | -9999.00 | -9999.00 | 55790.00 | -11 | 837.00 | -1854.00 | 67.00 | -134.00 | 25.00 |
| 413004 | 225.00 | -5.00 | 22.00 | -9999.00 | -9999.00 | -9999.00 | 7113.00 | .27 | 468.00 | -1695.00 | -5.00 | 271.00 | 16.00 |
| 413005 | 6.00 | -5.00 | 195.00 | -9999.00 | -9999.00 | -9999.00 | 38490.00 | -07 | 487.00 | -701.00 | 47.00 | -25.00 | 6.00 |
| 413006 | 26.00 | -5.00 | 50.00 | -9999.00 | -9999.00 | -9999.00 | 9185.00 | -14 | -671.00 | -2855.00 | -14.00 | 223.00 | 70.00 |
| 413007 | 11.00 | -5.00 | 35.00 | -9999.00 | -9999.00 | -9999.00 | 14550.00 | -25 | -639.00 | -3562.00 | -29.00 | -140.00 | -4.00 |
| 413008 | 10.00 | -5.00 | 32.00 | -9999.00 | -9999.00 | -9999.00 | 18910.00 | -07 | 373.00 | 5334.00 | 31.00 | 231.00 | 4.00 |
| 413009 | -5.00 | -5.00 | 34.00 | -9999.00 | -9999.00 | -9999.00 | 13230.00 | -21 | -370.00 | -2790.00 | -19.00 | 299.00 | 32.00 |
| 413010 | 13.00 | -5.00 | 35.00 | -9999.00 | -9999.00 | -9999.00 | 13750.00 | -19 | -504.00 | -3357.00 | -27.00 | 479.00 | 9.00 |
| 413011 | 5.00 | -5.00 | 59.00 | -9999.00 | -9999.00 | -9999.00 | 26470.00 | -21 | -448.00 | -2573.00 | -21.00 | 472.00 | 7.00 |
| 413012 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | -9999.00 | 10550.00 | .65 | -387.00 | -2540.00 | -7.00 | 301.00 | 5.00 |
| 413013 | 5.00 | -5.00 | 211.00 | -9999.00 | -9999.00 | -9999.00 | 47720.00 | -08 | 709.00 | -901.00 | 55.00 | -77.00 | 19.00 |
| 413014 | 7.00 | -5.00 | 55.00 | -9999.00 | -9999.00 | -9999.00 | 26060.00 | -15 | -389.00 | -2677.00 | 31.00 | -130.00 | 8.00 |
| 413017 | 37.00 | -5.00 | 54.00 | -9999.00 | -9999.00 | -9999.00 | 29150.00 | -19 | -343.00 | -2416.00 | -17.00 | 232.00 | 18.00 |
| 413019 | 5.00 | -5.00 | 69.00 | -9999.00 | -9999.00 | -9999.00 | 28730.00 | -17 | 443.00 | 11580.00 | 78.00 | -104.00 | 9.70 |
| 413020 | 7.00 | -5.00 | 32.00 | -9999.00 | -9999.00 | -9999.00 | 6955.00 | -06 | -710.00 | 15740.00 | -4.00 | 393.00 | -2.00 |
| 413021 | 14.00 | -5.00 | 22.00 | -9999.00 | -9999.00 | -9999.00 | 9130.00 | -15 | -514.00 | 1380.00 | -13.00 | -230.00 | 26.00 |
| 413022 | 11.00 | -5.00 | 116.00 | -9999.00 | -9999.00 | -9999.00 | 44510.00 | -06 | 584.00 | 4322.00 | 50.00 | -77.00 | 15.00 |
| 413023 | 5.00 | -5.00 | 158.00 | -9999.00 | -9999.00 | -9999.00 | 48370.00 | -10 | 484.00 | -287.00 | 47.00 | -90.00 | 11.00 |
| 413024 | 9.00 | -5.00 | 50.00 | -9999.00 | -9999.00 | -9999.00 | 28060.00 | .34 | -334.00 | -2546.00 | -7.00 | 351.00 | 6.00 |
| 413025 | 5.00 | -5.00 | 124.00 | -9999.00 | -9999.00 | -9999.00 | 61270.00 | -12 | 646.00 | -1530.00 | 47.00 | 148.00 | 7.70 |
| 413026 | -5.00 | -5.00 | 71.00 | -9999.00 | -9999.00 | -9999.00 | 5195.00 | -16 | -526.00 | -3943.00 | -21.00 | 285.00 | 7.00 |
| 413027 | 5.00 | -5.00 | 149.00 | -9999.00 | -9999.00 | -9999.00 | 28970.00 | -05 | 262.00 | -423.00 | 48.00 | -88.00 | 5.00 |
| 413028 | 32.00 | -5.00 | 136.00 | -9999.00 | -9999.00 | -9999.00 | 63330.00 | -07 | 714.00 | -1263.00 | 65.00 | -84.00 | 10.10 |
| 413029 | 6.00 | -5.00 | 22.00 | -9999.00 | -9999.00 | -9999.00 | 7611.00 | -23 | -424.00 | -3291.00 | -21.00 | -138.00 | 12.00 |
| 413030 | 8.00 | -5.00 | 106.00 | -9999.00 | -9999.00 | -9999.00 | 43500.00 | -07 | 440.00 | 5800.00 | 41.00 | -87.00 | 9.00 |
| 413031 | 7.00 | -5.00 | 25.00 | -9999.00 | -9999.00 | -9999.00 | 7441.00 | -15 | -619.00 | -2614.00 | -18.00 | 368.00 | 5.00 |
| 413032 | 38.00 | -5.00 | 49.00 | -9999.00 | -9999.00 | -9999.00 | 23860.00 | -07 | 542.00 | 7749.00 | -5.00 | -98.00 | 7.20 |
| 413033 | 7.00 | -5.00 | 93.00 | -9999.00 | -9999.00 | -9999.00 | 41470.00 | -18 | -294.00 | -2340.00 | -15.00 | 285.00 | 10.10 |
| 413034 | -5.00 | -5.00 | 93.00 | -9999.00 | -9999.00 | -9999.00 | 3330.00 | .49 | -303.00 | -2043.00 | 39.00 | -122.00 | 7.10 |
| 413035 | -5.00 | -5.00 | 44.00 | -9999.00 | -9999.00 | -9999.00 | 15320.00 | -15 | -403.00 | -2254.00 | -17.00 | 210.00 | 8.70 |
| 413036 | -5.00 | -5.00 | 197.00 | -9999.00 | -9999.00 | -9999.00 | 39540.00 | -04 | 458.00 | -190.00 | 45.00 | -74.00 | 4.00 |
| 413037 | -5.00 | -5.00 | 31.00 | -9999.00 | -9999.00 | -9999.00 | 11360.00 | -18 | -385.00 | -2305.00 | -17.00 | -125.00 | -4.00 |
| 413038 | 7.00 | -5.00 | 88.00 | -9999.00 | -9999.00 | -9999.00 | 43170.00 | -13 | -315.00 | -1968.00 | 39.00 | -119.00 | 11.00 |
| 413039 | -5.00 | -5.00 | 35.00 | -9999.00 | -9999.00 | -9999.00 | 10920.00 | -06 | 160.00 | 14630.00 | -3.00 | 152.00 | 4.00 |
| 413040 | 17.00 | -5.00 | 64.00 | -9999.00 | -9999.00 | -9999.00 | 13310.00 | -12 | -250.00 | -1667.00 | -15.00 | 219.00 | 17.70 |
| 413041 | -5.00 | -5.00 | 84.00 | -9999.00 | -9999.00 | -9999.00 | 36390.00 | -12 | 382.00 | -1110.00 | 47.00 | 88.00 | 5.00 |
| 413042 | 14.00 | -5.00 | 142.00 | -9999.00 | -9999.00 | -9999.00 | 47780.00 | -05 | 747.00 | 3084.00 | 44.00 | -91.00 | 10.30 |
| 413043 | 7.00 | -5.00 | 74.00 | -9999.00 | -9999.00 | -9999.00 | 31050.00 | -17 | 527.00 | -1579.00 | -18.00 | 141.00 | 15.00 |
| 413044 | 4.00 | -5.00 | 54.00 | -9999.00 | -9999.00 | -9999.00 | 25520.00 | -11 | -213.00 | -1427.00 | -13.00 | -97.00 | 11.70 |
| 413045 | -5.00 | -5.00 | 67.00 | -9999.00 | -9999.00 | -9999.00 | 23340.00 | -14 | 597.00 | 8398.00 | 27.00 | -130.00 | 10.50 |
| 413046 | 1.00 | -5.00 | 71.00 | -9999.00 | -9999.00 | -9999.00 | 28840.00 | .23 | 333.00 | -1584.00 | 73.00 | 149.00 | -1.00 |
| 413047 | 9.00 | -5.00 | 16.00 | -9999.00 | -9999.00 | -9999.00 | 36490.00 | -19 | 458.00 | -2083.00 | -19.00 | 342.00 | 9.00 |
| 413048 | 4.00 | -5.00 | 101.00 | -9999.00 | -9999.00 | -9999.00 | 32830.00 | -11 | 534.00 | -1544.00 | 38.00 | 149.00 | 9.20 |
| 413049 | 1.00 | -5.00 | 162.00 | -9999.00 | -9999.00 | -9999.00 | 38930.00 | -13 | 484.00 | -1429.00 | 28.00 | 207.00 | 13.00 |
| 413050 | 2.00 | -5.00 | 147.00 | -9999.00 | -9999.00 | -9999.00 | 44370.00 | -08 | 594.00 | -1134.00 | 50.00 | -84.00 | 8.00 |

THUNDER LAKE LAKE SEDIMENT

| SAMPLE NO. | CO PPM | CS PPM | NY PPM | FU PPM | FE PPM | HF PPM | V PPM | LA PPM | LI PPM | PC PPM | PN PPM | NA PPM | SE PPM |
|------------|--------|--------|--------|--------|-----------|--------|-----------|--------|--------|----------|---------|---------|---------|
| 462000 | 80.00 | -2.90 | 7.00 | 1.90 | 74760.00 | -2.10 | 8338.00 | 24.00 | -.70 | 4901.00 | 170.00 | 4730.00 | -58.00 |
| 462001 | 101.00 | -3.10 | 5.00 | 1.30 | 35100.00 | 6.10 | 12570.00 | 35.00 | .30 | 4053.00 | 442.00 | 7162.00 | -61.00 |
| 462002 | 105.00 | 1.80 | 5.00 | 1.00 | 19990.00 | -9.30 | 7992.00 | 28.00 | .70 | 3140.00 | 145.00 | 6753.00 | -21.00 |
| 462003 | -18.00 | -2.90 | 2.00 | 1.00 | -77.00 | 3.60 | -3330.00 | -17.00 | -.20 | 3353.00 | 177.00 | 2176.00 | -73.00 |
| 462004 | -14.00 | -2.40 | -3.00 | -.60 | 4979.00 | -1.80 | -2759.00 | -14.00 | -.20 | -1534.00 | 59.00 | 991.00 | -58.00 |
| 462005 | 67.00 | 4.20 | 5.00 | 1.80 | 25930.00 | 5.70 | -7488.00 | 27.00 | .30 | -2901.00 | 1905.00 | 4431.00 | -57.00 |
| 462006 | -10.00 | -2.20 | -2.00 | -.20 | 17100.00 | -1.20 | -7472.00 | -8.00 | -.10 | -2619.00 | 1594.00 | 655.00 | -72.00 |
| 462007 | 106.00 | 2.80 | 4.00 | .90 | 10870.00 | 7.40 | 8495.00 | -9.00 | .30 | 3735.00 | 129.00 | 6468.00 | -39.00 |
| 462008 | -18.00 | -3.30 | -6.00 | -.70 | 49110.00 | -2.60 | -13410.00 | -17.00 | -.20 | -4880.00 | 4109.00 | 1327.00 | -89.00 |
| 462009 | -38.00 | -5.90 | -6.00 | -1.40 | 14530.00 | -4.90 | -4977.00 | -27.00 | -.50 | -3463.00 | 75.00 | 871.00 | -142.00 |
| 462010 | -9.00 | -1.90 | 4.00 | .90 | 16870.00 | -1.00 | -3339.00 | -8.00 | -.10 | -1467.00 | 138.00 | 1058.00 | -48.00 |
| 462011 | -31.00 | -4.40 | -3.00 | -1.00 | 7157.00 | -3.80 | -3956.00 | -33.00 | -.40 | -2412.00 | 79.00 | 1199.00 | -124.00 |
| 462012 | -28.00 | -4.40 | -5.00 | 1.70 | 17100.00 | -3.80 | -4683.00 | -26.00 | -.30 | -2883.00 | 96.00 | 860.00 | -115.00 |
| 462013 | 43.00 | -5.10 | -4.00 | -1.00 | -111.00 | -4.10 | -4889.00 | -23.00 | -.40 | -2727.00 | 119.00 | 2001.00 | -95.00 |
| 462014 | -13.00 | -2.50 | 2.00 | 1.00 | 7043.00 | -1.60 | -5013.00 | -15.00 | -.10 | -2554.00 | 241.00 | 946.00 | -68.00 |
| 462015 | 110.00 | 3.00 | 5.00 | 1.40 | 22160.00 | 6.70 | 9333.00 | 27.00 | .40 | 4748.00 | 169.00 | 6855.00 | -45.00 |
| 462016 | 52.00 | -3.10 | -4.00 | -.20 | 23300.00 | -3.00 | -4230.00 | -22.00 | -.30 | -2474.00 | 67.00 | 2419.00 | -92.00 |
| 462017 | 53.00 | -4.80 | 5.00 | -.80 | 38490.00 | -3.60 | -5852.00 | -29.00 | -.30 | -2475.00 | 419.00 | 2057.00 | -123.00 |
| 462018 | 56.00 | -2.90 | 3.00 | -.50 | 31970.00 | -2.20 | 7109.00 | -10.00 | -.20 | -7097.00 | 576.00 | 2583.00 | -59.00 |
| 462019 | -8.00 | -1.50 | -1.00 | -.20 | 12070.00 | -.90 | -3217.00 | -9.00 | -.10 | -1539.00 | 212.00 | 665.00 | -39.00 |
| 462020 | -22.00 | -3.90 | -3.00 | -.60 | 118100.00 | -2.70 | -14070.00 | -21.00 | -.20 | -4889.00 | 4986.00 | 784.00 | -114.00 |
| 462021 | 80.00 | 3.10 | 5.00 | 1.10 | 27150.00 | 4.30 | 9584.00 | 26.00 | .30 | 10580.00 | 591.00 | 4053.00 | -33.00 |
| 462022 | 70.00 | -2.50 | 5.00 | 1.20 | 26120.00 | 6.80 | 9185.00 | 30.00 | .30 | 3731.00 | 255.00 | 5264.00 | -50.00 |
| 462023 | -12.00 | -2.50 | 3.00 | -.30 | 17100.00 | -1.60 | -4609.00 | -14.00 | -.10 | -2424.00 | 177.00 | 1869.00 | -62.00 |
| 462024 | 67.00 | -3.10 | 4.00 | -.50 | 21440.00 | 4.50 | 12070.00 | -14.00 | -.20 | 5612.00 | 144.00 | 5403.00 | -73.00 |
| 462025 | -27.00 | -3.90 | -6.00 | -1.00 | -152.00 | -3.40 | -4625.00 | -26.00 | -.30 | -2744.00 | 73.00 | 576.00 | -164.00 |
| 462026 | 75.00 | -1.40 | 4.00 | .70 | 20660.00 | 5.90 | 5078.00 | 19.00 | .20 | 2656.00 | 90.00 | 5623.00 | -77.00 |
| 462027 | 112.00 | 5.90 | 7.00 | 1.20 | 40580.00 | 4.60 | 12400.00 | 26.00 | .40 | 4722.00 | 153.00 | 5724.00 | -45.00 |
| 462028 | -34.00 | -5.30 | -3.00 | -1.10 | -183.00 | -4.30 | -4082.00 | -37.00 | -.40 | -2443.00 | 75.00 | 3019.00 | -145.00 |
| 462029 | 41.00 | -1.90 | 4.00 | 1.10 | 21140.00 | 2.90 | 9179.00 | 22.00 | .30 | 4423.00 | 293.00 | 5482.00 | -41.00 |
| 462030 | -25.00 | -3.60 | -4.00 | -.90 | -149.00 | -3.10 | -3456.00 | -18.00 | -.30 | -2173.00 | 69.00 | 530.00 | -97.00 |
| 462031 | 66.00 | -2.00 | 3.00 | -.20 | 38730.00 | -1.10 | -4747.00 | -9.00 | -.10 | 3878.00 | 407.00 | 1706.00 | -54.00 |
| 462032 | 88.00 | -4.30 | 5.00 | -.90 | 1047.00 | -3.20 | 7071.00 | -25.00 | -.30 | 4928.00 | 129.00 | 4364.00 | -99.00 |
| 462033 | 68.00 | -3.20 | -3.00 | -.70 | 19920.00 | -2.40 | -3851.00 | -14.00 | -.20 | -2143.00 | 110.00 | 3837.00 | -73.00 |
| 462034 | -24.00 | -3.70 | -4.00 | -.90 | -99.00 | -3.10 | -3727.00 | -18.00 | -.30 | -2314.00 | 75.00 | 1457.00 | -84.00 |
| 462035 | 97.00 | 2.20 | 4.00 | .70 | 13540.00 | 6.80 | 5908.00 | 25.00 | .30 | 2627.00 | 94.00 | 7229.00 | 57.00 |
| 462036 | -27.00 | -4.50 | -3.00 | -.90 | 6932.00 | -3.40 | -4251.00 | -29.00 | -.30 | -2319.00 | 179.00 | 1178.00 | -113.00 |
| 462037 | 64.00 | -3.10 | 4.00 | -.70 | 28410.00 | -2.50 | 7621.00 | -16.00 | -.20 | 3851.00 | 277.00 | 3358.00 | -80.00 |
| 462038 | 24.00 | -1.00 | 1.00 | -.10 | 3851.00 | -.60 | -1948.00 | -4.00 | -.10 | 1803.00 | 66.00 | 874.00 | -27.00 |
| 462039 | -2.00 | -3.50 | 4.00 | .70 | 43440.00 | -2.80 | -4476.00 | -13.00 | -.20 | 3129.00 | 493.00 | 1783.00 | -64.00 |
| 462040 | 74.00 | -3.00 | 5.00 | -.60 | 17850.00 | 3.40 | 6789.00 | -9.00 | -.20 | -1769.00 | 140.00 | 4185.00 | -68.00 |
| 462041 | 81.00 | 2.00 | 5.00 | .80 | 24750.00 | 5.00 | 9736.00 | 21.00 | .30 | 4411.00 | 749.00 | 5929.00 | -36.00 |
| 462042 | -27.00 | -4.50 | 4.00 | -.90 | 24170.00 | -3.40 | 6524.00 | -21.00 | -.30 | -1860.00 | 293.00 | 2899.00 | -117.00 |
| 462043 | 58.00 | -3.00 | 3.00 | .60 | 20230.00 | -2.40 | -3377.00 | -11.00 | -.20 | -1864.00 | 272.00 | 2085.00 | -73.00 |
| 462044 | -29.00 | -4.60 | 2.00 | -1.00 | 35040.00 | -3.80 | -4366.00 | -14.00 | -.40 | -2280.00 | 111.00 | 2393.00 | -165.00 |
| 462045 | 33.00 | -2.00 | 3.00 | -.30 | 13650.00 | 2.30 | -3182.00 | 16.00 | -.10 | -1764.00 | 95.00 | 2840.00 | -52.00 |
| 462046 | -29.00 | -4.90 | 5.00 | -.90 | 23870.00 | -3.70 | 6812.00 | -23.00 | -.30 | -1045.00 | 223.00 | 2524.00 | -125.00 |
| 462047 | 68.00 | -2.50 | -2.00 | -.60 | 20580.00 | -2.20 | -3454.00 | -11.00 | .30 | 3704.00 | 201.00 | 3934.00 | -84.00 |
| 462048 | 56.00 | -3.40 | 5.00 | .90 | 21710.00 | 3.90 | 7740.00 | -9.00 | -.30 | 3973.00 | 281.00 | 4818.00 | -72.00 |
| 462049 | 92.00 | 3.50 | 4.00 | .90 | 25050.00 | 5.00 | 8278.00 | 27.00 | .30 | 4188.00 | 171.00 | 4072.00 | -35.00 |

CHANDLER LAKE LAKE SEDIMENT

PC. FOUR - SAMPLE KEY 3

| SAMPLE NO. | SR PPM | SC PPM | SM PPM | SP PPM | TA PPM | TB PPM | TH PPM | TI PPM | V PPM | VR PPM | TN PPM | TH/H RATIO |
|------------|--------|--------|--------|---------|--------|----------|--------|----------|--------|--------|---------|------------|
| 422868 | -3.00 | 10.70 | -5.70 | -240.00 | -3.00 | -1.00 | 6.50 | 3758.00 | 107.00 | 4.00 | -205.00 | 2.72700 |
| 422869 | -3.00 | 14.90 | 4.30 | -307.00 | -2.00 | -1.00 | 8.50 | 4215.00 | 157.00 | -4.70 | 155.00 | 2.59700 |
| 422870 | -1.00 | 7.30 | 3.10 | -334.00 | -1.00 | -1.00 | 7.00 | 3811.00 | 75.00 | 3.40 | -27.00 | 2.93300 |
| 423001 | -3.00 | 5.40 | -0.90 | -230.00 | -4.00 | -1.00 | -2.10 | 2068.00 | 50.00 | -3.50 | 154.00 | 0.00000 |
| 423002 | -3.00 | 4.40 | -1.20 | -224.00 | -4.00 | -1.00 | 2.80 | -9999.00 | 20.00 | -2.80 | -78.00 | 1.25600 |
| 423003 | -3.00 | 12.40 | 5.00 | -535.00 | -3.00 | -1.00 | 8.10 | 3175.00 | 107.00 | 4.70 | 203.00 | 2.44500 |
| 423004 | -2.00 | 2.30 | 1.30 | -532.00 | -2.00 | -1.00 | -1.20 | -9999.00 | -16.00 | -2.10 | -78.00 | 0.00000 |
| 423005 | -2.00 | 7.40 | -3.70 | -147.00 | -2.00 | -1.00 | 6.30 | 3591.00 | 84.00 | -1.80 | 48.00 | 2.60500 |
| 423006 | -4.00 | 4.40 | -1.50 | -997.00 | -4.00 | -1.00 | -2.30 | -9999.00 | -28.00 | -3.90 | -121.00 | 0.00000 |
| 423007 | -7.00 | 3.30 | -2.60 | -562.00 | -6.00 | -3.00 | -4.90 | -9999.00 | 44.00 | 7.40 | -163.00 | 0.00000 |
| 423008 | -2.00 | 7.60 | 3.30 | -233.00 | -2.00 | -1.00 | 4.40 | -9999.00 | 38.00 | -1.90 | -55.00 | 3.63500 |
| 423009 | -1.00 | 3.10 | -1.60 | -362.00 | -7.00 | -2.00 | -3.80 | -9999.00 | 29.00 | -6.20 | -198.00 | 0.00000 |
| 423010 | -1.00 | 4.50 | -2.40 | -435.00 | -5.00 | -2.00 | -3.50 | -9999.00 | 46.00 | -5.50 | -157.00 | 0.00000 |
| 423011 | -1.00 | 10.40 | -2.00 | -435.00 | -6.00 | -2.00 | -3.80 | -9999.00 | 59.00 | -6.40 | -133.00 | 0.00000 |
| 423012 | -3.00 | 4.80 | 1.50 | -409.00 | -3.00 | -1.00 | 2.90 | -9999.00 | 26.00 | -2.70 | -95.00 | 4.08700 |
| 423013 | -2.00 | 10.80 | 4.20 | -157.00 | -2.00 | -1.00 | 8.90 | 4718.00 | 106.00 | 4.60 | -116.00 | 3.34400 |
| 423014 | -4.00 | 5.50 | -1.90 | -244.00 | -4.00 | -2.00 | -2.80 | -9999.00 | 56.00 | -4.40 | -121.00 | 0.00000 |
| 423017 | -5.00 | 5.20 | -1.40 | -407.00 | -5.00 | -2.00 | -3.50 | -9999.00 | 70.00 | -5.70 | -164.00 | 0.00000 |
| 423019 | -3.00 | 6.50 | -1.10 | -372.00 | -3.00 | -1.00 | 5.30 | 2367.00 | 64.00 | -3.50 | 188.00 | 2.57100 |
| 423020 | -2.00 | 3.30 | -0.30 | -251.00 | -2.00 | -1.00 | 1.60 | -9999.00 | 23.00 | -1.50 | 155.00 | 3.9800 |
| 423021 | -4.00 | 2.20 | -1.10 | -900.00 | -4.00 | -2.00 | -2.70 | -9999.00 | -29.00 | -4.50 | 472.00 | 0.00000 |
| 423022 | -2.00 | 9.90 | 4.00 | -198.00 | -2.00 | -1.00 | 6.00 | 2869.00 | 113.00 | 2.70 | -102.00 | 2.29000 |
| 423023 | -3.00 | 9.40 | 2.80 | -242.00 | -2.00 | -1.00 | 6.10 | 3456.00 | 99.00 | -2.90 | 118.00 | 2.50000 |
| 423024 | -3.00 | 5.40 | 2.50 | -347.00 | -3.00 | -1.00 | 3.60 | -9999.00 | 62.00 | -2.70 | 84.00 | 3.04900 |
| 423025 | -4.00 | 11.20 | 3.70 | -233.00 | -4.00 | -1.00 | 4.70 | 3697.00 | 122.00 | -3.60 | 128.00 | 3.25700 |
| 423026 | -5.00 | -0.20 | -2.70 | -444.00 | -5.00 | -2.00 | -3.20 | -9999.00 | -9.00 | -5.00 | -132.00 | 0.00000 |
| 423027 | -2.00 | 5.20 | 3.50 | -125.00 | -1.00 | -1.00 | 5.20 | 3309.00 | 60.00 | 3.40 | -31.00 | 3.09600 |
| 423028 | -2.00 | 14.40 | 4.30 | -226.00 | -2.00 | -1.00 | 9.10 | 4512.00 | 143.00 | 4.30 | -52.00 | 3.20500 |
| 423029 | -1.00 | 1.20 | -1.90 | -413.00 | -7.00 | -2.00 | -4.20 | -9999.00 | -10.00 | -6.60 | -213.00 | 0.00000 |
| 423030 | -2.00 | 9.30 | 3.40 | -205.00 | -2.00 | -1.00 | 6.40 | 2900.00 | 93.00 | -1.90 | 167.00 | 2.79300 |
| 423031 | -4.00 | 1.70 | -1.70 | -379.00 | -4.00 | -2.00 | -3.10 | -9999.00 | 19.00 | -4.90 | -105.00 | 0.00000 |
| 423032 | -7.00 | 5.30 | 1.40 | -334.00 | -7.00 | -1.00 | 3.10 | 1804.00 | 75.00 | -2.00 | -65.00 | 2.67400 |
| 423033 | -5.00 | 9.50 | 3.30 | -320.00 | -6.00 | -2.00 | 7.10 | 3417.00 | 88.00 | -5.20 | -145.00 | 4.03200 |
| 423034 | -4.00 | 7.30 | -1.50 | -220.00 | -4.00 | -1.00 | 5.20 | 2292.00 | 67.00 | -3.60 | -99.00 | 3.35000 |
| 423035 | -5.00 | 3.90 | -1.70 | -362.00 | -4.00 | -2.00 | -2.90 | -9999.00 | 28.00 | -4.80 | -111.00 | 0.00000 |
| 423036 | -1.00 | 7.70 | 2.90 | -143.00 | -1.00 | -1.00 | 6.40 | 4582.00 | 80.00 | 2.80 | 65.00 | 2.75500 |
| 423037 | -5.00 | 3.20 | -1.50 | -369.00 | -5.00 | -2.00 | -3.40 | -9999.00 | -9.00 | -5.40 | -147.00 | 0.00000 |
| 423038 | -4.00 | 9.30 | -1.50 | -377.00 | -4.00 | -1.00 | 5.90 | 2775.00 | 83.00 | -3.70 | -111.00 | 3.02100 |
| 423039 | -1.00 | 3.20 | 0.00 | -145.00 | -1.00 | -9999.00 | 2.00 | 980.00 | 22.00 | -1.10 | 104.00 | 1.53500 |
| 423040 | -4.00 | 8.40 | -1.50 | -309.00 | -5.00 | -1.00 | -2.40 | 2386.00 | 58.00 | -3.80 | 226.00 | 0.00000 |
| 423041 | -3.00 | 7.90 | 2.30 | -233.00 | -3.00 | -1.00 | 5.20 | 3068.00 | 76.00 | -3.60 | -91.00 | 2.87500 |
| 423042 | -2.00 | 9.40 | 3.00 | -207.00 | -1.00 | -1.00 | 6.70 | 4048.00 | 100.00 | 3.40 | 176.00 | 2.66000 |
| 423043 | -5.00 | 5.10 | -1.30 | -270.00 | -5.00 | -2.00 | 4.60 | 1979.00 | 59.00 | -5.20 | -76.00 | 3.50000 |
| 423044 | -3.00 | 6.90 | -1.30 | -236.00 | -4.00 | -1.00 | 5.60 | 1772.00 | 58.00 | -3.40 | 292.00 | 4.11500 |
| 423045 | -5.00 | 5.00 | 2.40 | -347.00 | -4.00 | -2.00 | 3.80 | 2190.00 | 59.00 | -5.70 | -129.00 | 2.95000 |
| 423046 | -2.00 | 6.90 | 2.00 | -227.00 | -2.00 | -1.00 | 3.20 | 2193.00 | 42.00 | -2.10 | 150.00 | 1.83900 |
| 423047 | -4.00 | 7.80 | 4.10 | -276.00 | -7.00 | -2.00 | -3.60 | 2190.00 | 67.00 | -5.90 | 145.00 | 0.00000 |
| 423048 | -3.00 | 6.90 | -1.20 | -234.00 | -4.00 | -1.00 | 5.00 | 2514.00 | 64.00 | -3.20 | 123.00 | 3.10600 |
| 423049 | -4.00 | 5.40 | -1.30 | -308.00 | -4.00 | -2.00 | 7.10 | 2570.00 | 88.00 | -4.00 | -91.00 | 3.60300 |
| 423050 | -2.00 | 8.70 | 3.10 | -187.00 | -1.00 | -1.00 | 5.90 | 3825.00 | 98.00 | 5.10 | -47.00 | 2.51400 |

25

CHANDLER LAKE LAKE SEDIMENT

| SAMPLE NO. | LAT. | LONG. | OH | COND. | SCINT. | URANIUM PPM | SILVER PPM | BISMUTH PPM | CADMIUM PPM | COPPER PPM | NICKEL PPM | NICKEL PPM | LEAD PPM | TIN PPM | TUNGSTEN PPM |
|------------|---------|----------|--------|-------|--------|-------------|------------|-------------|-------------|------------|------------|------------|----------|---------|--------------|
| 463051 | 68.8394 | 150.8906 | 6. | 10.0 | -9999. | 2.11 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463052 | 68.8408 | 150.8455 | 7. | 11.0 | -9999. | .72 | -5.00 | -5.00 | -5.00 | 41.00 | -20.00 | 20.00 | -5.00 | -10.00 | -15.00 |
| 463053 | 68.8694 | 150.8011 | 6. | 10.0 | -9999. | .81 | -5.00 | -5.00 | -5.00 | 44.00 | -20.00 | 25.00 | 7.00 | -10.00 | -15.00 |
| 463054 | 68.8431 | 150.7572 | 6. | 9.0 | -9999. | 2.00 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463055 | 68.8633 | 150.7403 | 6. | 10.0 | -9999. | 2.24 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 463056 | 68.8461 | 150.6506 | 6. | 11.0 | -9999. | 2.43 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 27.00 | 9.00 | -10.00 | -15.00 |
| 463057 | 68.8664 | 150.6533 | 6. | 11.0 | -9999. | 2.96 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 30.00 | 8.00 | -10.00 | -15.00 |
| 463058 | 68.9039 | 150.6781 | 6. | 14.0 | -9999. | 2.92 | -5.00 | -5.00 | -5.00 | 45.00 | -20.00 | 46.00 | 5.00 | -10.00 | -15.00 |
| 463059 | 68.9008 | 150.6308 | 6. | 22.0 | -9999. | 2.28 | -5.00 | -5.00 | -5.00 | 30.00 | -20.00 | 53.00 | -5.00 | -10.00 | -15.00 |
| 463060 | 68.8792 | 150.5439 | 7. | 42.0 | -9999. | .95 | -5.00 | -5.00 | -5.00 | 28.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 |
| 463061 | 68.8647 | 150.5331 | 7. | 15.0 | -9999. | .57 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 463062 | 68.8577 | 150.4931 | 7. | 90.0 | -9999. | 1.89 | -5.00 | -5.00 | -5.00 | 25.00 | -20.00 | 29.00 | -5.00 | -10.00 | -15.00 |
| 463063 | 68.8357 | 150.4578 | 7. | 7.0 | -9999. | .49 | -5.00 | -5.00 | -5.00 | 26.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 463064 | 68.8650 | 150.4217 | 7. | 8.0 | -9999. | 1.64 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 23.00 | -5.00 | -10.00 | -15.00 |
| 463065 | 68.8131 | 150.3944 | 6. | 9.0 | -9999. | .33 | -5.00 | -5.00 | -5.00 | 47.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 |
| 463066 | 68.8419 | 150.3094 | 6. | 13.0 | -9999. | 2.33 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 27.00 | 8.00 | -10.00 | -15.00 |
| 463067 | 68.8506 | 150.1700 | 7. | 10.0 | -9999. | 2.54 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 15.00 | 7.00 | -10.00 | -15.00 |
| 463068 | 68.8444 | 150.1714 | 7. | 69.0 | -9999. | 1.52 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463069 | 68.8444 | 150.0667 | 8. | 10.0 | -9999. | 1.44 | -5.00 | -5.00 | -5.00 | 41.00 | -20.00 | 19.00 | -5.00 | -10.00 | -15.00 |
| 463070 | 68.8622 | 150.0550 | 7. | 18.0 | -9999. | 2.55 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 24.00 | 8.00 | -10.00 | -15.00 |
| 463071 | 68.8614 | 150.1239 | 7. | 23.0 | -9999. | .43 | -5.00 | -5.00 | -5.00 | 38.00 | -20.00 | 26.00 | 17.00 | -10.00 | -15.00 |
| 463072 | 68.8553 | 150.0028 | 7. | 11.0 | -9999. | 1.59 | -5.00 | -5.00 | -5.00 | 40.00 | -20.00 | 17.00 | -5.00 | -10.00 | -15.00 |
| 463073 | 68.9978 | 150.0703 | 7. | 23.0 | -9999. | .87 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 21.00 | -5.00 | -10.00 | -15.00 |
| 463074 | 68.9703 | 150.1292 | 7. | 17.0 | -9999. | 1.32 | -5.00 | -5.00 | -5.00 | 21.00 | -20.00 | 39.00 | -5.00 | -10.00 | -15.00 |
| 463075 | 68.9842 | 150.1503 | 7. | 15.0 | -9999. | 1.74 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 35.00 | -5.00 | -10.00 | -15.00 |
| 463076 | 68.9784 | 150.2201 | 7. | 13.0 | -9999. | 2.01 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 31.00 | -5.00 | -10.00 | -15.00 |
| 463077 | 68.9892 | 150.2383 | 7. | 11.0 | -9999. | 2.23 | -5.00 | -5.00 | -5.00 | 17.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 463078 | 68.9902 | 150.2068 | 6. | 15.0 | -9999. | 2.00 | -5.00 | -5.00 | -5.00 | 14.00 | -20.00 | 22.00 | -5.00 | -10.00 | -15.00 |
| 463079 | 68.9856 | 150.3597 | 6. | 16.0 | -9999. | .59 | -5.00 | -5.00 | -5.00 | 42.00 | -20.00 | 37.00 | -5.00 | -10.00 | -15.00 |
| 463080 | 68.9853 | 150.3878 | 6. | 27.0 | -9999. | 2.21 | -5.00 | -5.00 | -5.00 | 11.00 | -20.00 | -15.00 | -5.00 | -10.00 | -15.00 |
| 463081 | 68.9753 | 150.5319 | 6. | 12.0 | -9999. | 1.88 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 26.00 | 5.00 | -10.00 | -15.00 |
| 463082 | 68.7883 | 150.5906 | 6. | 14.0 | -9999. | 2.17 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 16.00 | 7.00 | -10.00 | -15.00 |
| 463083 | 68.9606 | 150.5742 | 6. | 32.0 | -9999. | 2.76 | -5.00 | -5.00 | -5.00 | 20.00 | -20.00 | 17.00 | 5.00 | -10.00 | -15.00 |
| 463084 | 68.9714 | 150.7497 | 7. | 78.0 | -9999. | 2.98 | -5.00 | -5.00 | -5.00 | 27.00 | -20.00 | 30.00 | 6.00 | -10.00 | -15.00 |
| 463085 | 68.9809 | 150.7933 | 7. | 28.0 | -9999. | 1.31 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |
| 463086 | 68.9797 | 150.8497 | 7. | 13.0 | -9999. | .38 | -5.00 | -5.00 | -5.00 | 29.00 | -20.00 | 19.00 | -5.00 | -10.00 | -15.00 |
| 463087 | 68.9681 | 150.8981 | 7. | 17.0 | -9999. | 2.57 | -5.00 | -5.00 | -5.00 | 24.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 463088 | 68.9838 | 150.9386 | 6. | 12.0 | -9999. | 2.77 | -5.00 | -5.00 | -5.00 | 31.00 | -20.00 | 22.00 | 8.00 | -10.00 | -15.00 |
| 463089 | 68.9810 | 151.0103 | 6. | 12.0 | -9999. | 2.00 | -5.00 | -5.00 | -5.00 | 10.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 |
| 463090 | 68.9935 | 151.0889 | 6. | 15.0 | -9999. | .72 | -5.00 | -5.00 | -5.00 | 19.00 | -20.00 | 24.00 | -5.00 | -10.00 | -15.00 |
| 463091 | 68.7103 | 151.1342 | 6. | 12.0 | -9999. | .53 | -5.00 | -5.00 | -5.00 | 18.00 | -20.00 | 28.00 | -5.00 | -10.00 | -15.00 |
| 463092 | 68.9947 | 151.2242 | 6. | 17.0 | -9999. | 1.76 | -5.00 | -5.00 | -5.00 | 34.00 | -20.00 | 27.00 | -5.00 | -10.00 | -15.00 |
| 463269 | 68.9750 | 151.2904 | -9999. | 59.0 | -9999. | 2.80 | -5.00 | -5.00 | -5.00 | 22.00 | -20.00 | 25.00 | -5.00 | -10.00 | -15.00 |

3h

THANDEEP LONG LEAF STATEMENT

PC. TWP - SAMPLE SFT 4

| SAMPLE NO. | AS PPM | SF PPM | 7P PPM | MP PPM | RE PPM | LI PPM | AL PPM | AU PPM | BA PPM | CP PPM | CF PPM | CL PPM | CO PPM |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 4F3051 | -5.00 | -5.00 | 120.00 | -9999.00 | -9999.00 | -9999.00 | 41570.00 | -.15 | -195.00 | -1644.00 | 45.00 | -109.00 | 4.40 |
| 4F3052 | 5.00 | -5.00 | 43.00 | -9999.00 | -9999.00 | -9999.00 | 16250.00 | -.16 | -304.00 | -2471.00 | -19.00 | 263.00 | -2.70 |
| 4F3053 | 6.00 | -5.00 | 35.00 | -9999.00 | -9999.00 | -9999.00 | 16090.00 | .24 | -313.00 | -2157.00 | -23.00 | 426.00 | -2.50 |
| 4F3054 | 7.00 | -5.00 | 154.00 | -9999.00 | -9999.00 | -9999.00 | 32820.00 | -.04 | 404.00 | -780.00 | 37.00 | -70.00 | 4.10 |
| 4F3055 | 5.00 | -5.00 | 144.00 | -9999.00 | -9999.00 | -9999.00 | 49190.00 | .19 | 521.00 | -1059.00 | 33.00 | -81.00 | 10.50 |
| 4F3056 | -5.00 | -5.00 | 145.00 | -9999.00 | -9999.00 | -9999.00 | 49130.00 | -.09 | 579.00 | -1017.00 | 62.00 | -80.00 | 11.10 |
| 4F3057 | -5.00 | -5.00 | 159.00 | -9999.00 | -9999.00 | -9999.00 | 61930.00 | -.10 | 677.00 | -3212.00 | 18.00 | -90.00 | 14.00 |
| 4F3058 | 5.00 | -5.00 | 103.00 | -9999.00 | -9999.00 | -9999.00 | 61980.00 | .40 | 814.00 | -1305.00 | 52.00 | -100.00 | 21.00 |
| 4F3059 | 12.00 | -5.00 | 82.00 | -9999.00 | -9999.00 | -9999.00 | 48040.00 | -.19 | -320.00 | -2151.00 | 43.00 | -130.00 | 20.20 |
| 4F3060 | 11.00 | -5.00 | 41.00 | -9999.00 | -9999.00 | -9999.00 | 19440.00 | -.12 | -263.00 | 10370.00 | -15.00 | -96.00 | 5.00 |
| 4F3061 | 20.00 | -5.00 | 29.00 | -9999.00 | -9999.00 | -9999.00 | 9702.00 | -.17 | -423.00 | -2290.00 | -20.00 | 329.00 | 7.10 |
| 4F3062 | 8.00 | -5.00 | 95.00 | -9999.00 | -9999.00 | -9999.00 | 37670.00 | .16 | 554.00 | 12710.00 | -47.00 | -112.00 | 11.40 |
| 4F3063 | 14.00 | -5.00 | 23.00 | -9999.00 | -9999.00 | -9999.00 | 12900.00 | .77 | -444.00 | -4253.00 | -24.00 | -148.00 | -3.30 |
| 4F3064 | 6.00 | -5.00 | 15.00 | -9999.00 | -9999.00 | -9999.00 | 37300.00 | -.12 | -249.00 | -1919.00 | 43.00 | -107.00 | 10.90 |
| 4F3065 | 5.00 | -5.00 | 30.00 | -9999.00 | -9999.00 | -9999.00 | 7912.00 | -.16 | -334.00 | -2351.00 | -19.00 | 281.00 | -1.50 |
| 4F3066 | 7.00 | -5.00 | 164.00 | -9999.00 | -9999.00 | -9999.00 | 43350.00 | -.03 | 435.00 | -656.00 | 41.00 | -67.00 | 10.40 |
| 4F3067 | 1.00 | -5.00 | 170.00 | -9999.00 | -9999.00 | -9999.00 | 42810.00 | -.09 | 444.00 | -819.00 | 19.00 | -73.00 | 4.00 |
| 4F3068 | -5.00 | -5.00 | 35.00 | -9999.00 | -9999.00 | -9999.00 | 10760.00 | -.07 | -110.00 | 16480.00 | -9.00 | 200.00 | 3.00 |
| 4F3069 | 4.00 | -5.00 | 53.00 | -9999.00 | -9999.00 | -9999.00 | 30610.00 | -.19 | -393.00 | -2430.00 | 35.00 | 280.00 | 14.10 |
| 4F3070 | 8.00 | -5.00 | 174.00 | -9999.00 | -9999.00 | -9999.00 | 41540.00 | -.04 | 375.00 | -774.00 | 45.00 | -73.00 | 6.00 |
| 4F3071 | -5.00 | -5.00 | 30.00 | -9999.00 | -9999.00 | -9999.00 | 12160.00 | -.29 | -504.00 | 12940.00 | -28.00 | -170.00 | 9.30 |
| 4F3072 | 4.00 | -5.00 | 74.00 | -9999.00 | -9999.00 | -9999.00 | 29530.00 | -.14 | -107.00 | -2313.00 | -10.00 | -115.00 | 5.00 |
| 4F3073 | 5.00 | -5.00 | 39.00 | -9999.00 | -9999.00 | -9999.00 | 13840.00 | -.18 | -350.00 | 7275.00 | -10.00 | -98.00 | 5.70 |
| 4F3074 | 13.00 | -5.00 | 43.00 | -9999.00 | -9999.00 | -9999.00 | 15320.00 | .19 | -278.00 | 7286.00 | -1.00 | 270.00 | 7.20 |
| 4F3075 | 1.00 | -5.00 | 65.00 | -9999.00 | -9999.00 | -9999.00 | 28850.00 | -.18 | 357.00 | -1984.00 | -15.00 | -106.00 | 14.50 |
| 4F3076 | 11.00 | -5.00 | 77.00 | -9999.00 | -9999.00 | -9999.00 | 43280.00 | -.11 | -229.00 | -1631.00 | 44.00 | 119.00 | 12.00 |
| 4F3077 | 4.00 | -5.00 | 150.00 | -9999.00 | -9999.00 | -9999.00 | 43950.00 | .21 | 469.00 | -1142.00 | 54.00 | -107.00 | 4.40 |
| 4F3078 | 1.00 | -5.00 | 164.00 | -9999.00 | -9999.00 | -9999.00 | 34950.00 | .22 | 443.00 | -979.00 | 42.00 | -94.00 | 10.40 |
| 4F3079 | 10.00 | -5.00 | 32.00 | -9999.00 | -9999.00 | -9999.00 | 10980.00 | -.24 | -354.00 | -2813.00 | -24.00 | 311.00 | 10.70 |
| 4F3080 | 10.00 | -5.00 | 247.00 | -9999.00 | -9999.00 | -9999.00 | 29020.00 | -.04 | 340.00 | -542.00 | 43.00 | -58.00 | 4.90 |
| 4F3081 | 4.00 | -5.00 | 121.00 | -9999.00 | -9999.00 | -9999.00 | 39570.00 | .25 | 900.00 | -1831.00 | 47.00 | -119.00 | 7.80 |
| 4F3082 | 12.00 | -5.00 | 77.00 | -9999.00 | -9999.00 | -9999.00 | 42470.00 | -.07 | 534.00 | -1584.00 | 41.00 | -81.00 | 8.90 |
| 4F3083 | 7.00 | -5.00 | 165.00 | -9999.00 | -9999.00 | -9999.00 | 57290.00 | -.12 | 740.00 | 5298.00 | 50.00 | -107.00 | 10.00 |
| 4F3084 | -5.00 | -5.00 | 131.00 | -9999.00 | -9999.00 | -9999.00 | 51730.00 | -.08 | -119.00 | 7896.00 | 52.00 | -71.00 | 12.00 |
| 4F3085 | 7.00 | -5.00 | 11.00 | -9999.00 | -9999.00 | -9999.00 | 19040.00 | -.17 | -417.00 | -1975.00 | -20.00 | -133.00 | 9.70 |
| 4F3086 | -5.00 | -5.00 | 29.00 | -9999.00 | -9999.00 | -9999.00 | 7708.00 | -.10 | -410.00 | -3651.00 | -8.00 | -126.00 | 9.70 |
| 4F3087 | -5.00 | -5.00 | 152.00 | -9999.00 | -9999.00 | -9999.00 | 51520.00 | -.09 | 737.00 | -952.00 | 48.00 | -100.00 | 10.80 |
| 4F3088 | 13.00 | -5.00 | 167.00 | -9999.00 | -9999.00 | -9999.00 | 55090.00 | -.07 | 740.00 | 15040.00 | 67.00 | -83.00 | 11.00 |
| 4F3089 | 7.00 | -5.00 | 125.00 | -9999.00 | -9999.00 | -9999.00 | 47200.00 | -.05 | 820.00 | -1011.00 | 48.00 | -97.00 | 11.00 |
| 4F3090 | 5.00 | -5.00 | 34.00 | -9999.00 | -9999.00 | -9999.00 | 13170.00 | -.23 | -427.00 | -2990.00 | -22.00 | 523.00 | 10.10 |
| 4F3091 | 9.00 | -5.00 | 39.00 | -9999.00 | -9999.00 | -9999.00 | 14520.00 | -.17 | -521.00 | 7489.00 | -21.00 | -154.00 | 9.20 |
| 4F3092 | 7.00 | -5.00 | 68.00 | -9999.00 | -9999.00 | -9999.00 | 28520.00 | -.15 | -325.00 | -1783.00 | 32.00 | -177.00 | 7.00 |
| 4F3093 | 4.00 | -5.00 | 225.00 | -9999.00 | -9999.00 | -9999.00 | 43470.00 | -.04 | 553.00 | 8777.00 | 45.00 | -90.00 | 9.40 |

CHANDLER LAKE LAKE SEDIMENT

| SAMPLE NO. | CO PPM | CS PPM | DY PPM | EU PPM | FE PPM | MF PPM | NI PPM | LA PPM | LI PPM | PC PPM | PH PPM | NA PPM | OP PPM |
|------------|--------|--------|--------|--------|----------|--------|----------|--------|--------|----------|---------|---------|---------|
| 413051 | 77.00 | -3.70 | 4.00 | -0.70 | 19170.00 | 4.10 | 11650.00 | -19.00 | -0.30 | -1891.00 | 163.00 | 5271.00 | -99.00 |
| 413052 | -25.00 | -4.00 | -4.00 | -0.90 | -2845.00 | -3.30 | -3055.00 | -22.00 | -0.30 | 2016.00 | 23.00 | 60.00 | -107.00 |
| 413053 | -31.00 | -4.50 | -3.00 | -1.10 | 10800.00 | -3.90 | -3776.00 | -15.00 | -0.40 | -2240.00 | 75.00 | 1033.00 | -101.00 |
| 413054 | 88.00 | -1.10 | 4.00 | .90 | 17100.00 | 5.80 | 5680.00 | 19.00 | .30 | 3126.00 | 72.00 | 5770.00 | -25.00 |
| 413055 | 86.00 | -2.80 | 4.00 | 1.20 | 27080.00 | 5.30 | 7543.00 | 26.00 | -0.20 | 4775.00 | 176.00 | 6251.00 | -67.00 |
| 413056 | 101.00 | -2.50 | 4.00 | 1.20 | 28390.00 | 7.60 | 9494.00 | 38.00 | .30 | 4167.00 | 202.00 | 5680.00 | -54.00 |
| 413057 | 103.00 | 4.20 | 6.00 | 1.30 | 30370.00 | 6.50 | 16330.00 | 28.00 | .40 | 6121.00 | 216.00 | 7736.00 | 82.00 |
| 413058 | 83.00 | 5.60 | 5.00 | 1.20 | 45830.00 | 3.20 | 12800.00 | 29.00 | .30 | 5392.00 | 905.00 | 4787.00 | 73.00 |
| 413059 | 73.00 | -4.80 | 6.00 | -0.90 | 43450.00 | -3.50 | -7454.00 | -22.00 | -0.30 | 5179.00 | 1356.00 | 3314.00 | -125.00 |
| 413060 | -19.00 | -3.20 | -3.00 | -0.70 | 19290.00 | -2.60 | -3571.00 | -17.00 | -0.20 | -1792.00 | 156.00 | 1388.00 | -80.00 |
| 413061 | -29.00 | -4.00 | -3.00 | -0.90 | 26600.00 | -3.40 | -6546.00 | -16.00 | -0.30 | -2739.00 | 693.00 | 728.00 | -90.00 |
| 413062 | 71.00 | -2.10 | 4.00 | 1.10 | 28180.00 | 4.10 | -4813.00 | 19.00 | -0.10 | 4453.00 | 436.00 | 3994.00 | -81.00 |
| 413063 | -59.00 | -0.00 | -4.00 | -1.80 | 57380.00 | -7.30 | -4983.00 | -48.00 | -0.70 | -3256.00 | 98.00 | 626.00 | -251.00 |
| 413064 | 55.00 | -3.30 | 3.00 | -0.70 | 24000.00 | -2.60 | -3748.00 | -14.00 | -0.20 | 3708.00 | 149.00 | 2786.00 | -78.00 |
| 413065 | -28.00 | -3.80 | -3.00 | -0.90 | 9416.00 | -3.30 | -2945.00 | -13.00 | -0.30 | -1904.00 | 67.00 | 467.00 | -93.00 |
| 413066 | 85.00 | 2.80 | 4.00 | .90 | 26230.00 | 6.10 | 9314.00 | 24.00 | .20 | 3275.00 | 230.00 | 4444.00 | 68.00 |
| 413067 | 79.00 | -2.30 | 5.00 | 1.30 | 21260.00 | 6.90 | 7581.00 | 30.00 | .40 | 3862.00 | 129.00 | 5847.00 | -52.00 |
| 413068 | -12.00 | -1.50 | -2.00 | -0.40 | 4723.00 | -1.50 | -1821.00 | -9.00 | -0.10 | -1049.00 | 34.00 | 720.00 | -48.00 |
| 413069 | 36.00 | -4.00 | -3.00 | 1.50 | 26820.00 | -4.00 | -5079.00 | -16.00 | -0.40 | -2536.00 | 199.00 | 1881.00 | -55.00 |
| 413070 | 70.00 | 2.50 | 5.00 | .80 | 20050.00 | 5.70 | 7722.00 | 24.00 | .30 | 3682.00 | 177.00 | 5160.00 | -24.00 |
| 413071 | -46.00 | -6.00 | -3.00 | -1.40 | 21420.00 | -5.30 | -9915.00 | -39.00 | -0.50 | -3010.00 | 1270.00 | 978.00 | -184.00 |
| 413072 | 66.00 | -3.50 | -3.00 | -0.80 | 11360.00 | -2.90 | -4326.00 | -18.00 | -0.30 | -2233.00 | 189.00 | 2911.00 | -91.00 |
| 413073 | -76.00 | -3.70 | -3.00 | -0.90 | 18600.00 | -3.10 | -3697.00 | -15.00 | -0.30 | -2186.00 | 137.00 | 948.00 | -87.00 |
| 413074 | 44.00 | -2.10 | 2.00 | -0.30 | 13840.00 | -1.40 | -4973.00 | -10.00 | -0.10 | -2193.00 | 427.00 | 1065.00 | -86.00 |
| 413075 | 56.00 | -4.30 | 5.00 | -0.40 | 24820.00 | -3.30 | 6772.00 | -24.00 | -0.30 | -1971.00 | 295.00 | 2277.00 | -105.00 |
| 413076 | 70.00 | -3.60 | 5.00 | -0.70 | 26570.00 | -2.30 | 7459.00 | 22.00 | -0.20 | 4997.00 | 136.00 | 2294.00 | -68.00 |
| 413077 | 78.00 | -2.70 | 5.00 | .70 | 19990.00 | 7.10 | 7049.00 | 21.00 | .30 | 4265.00 | 143.00 | 5919.00 | -83.00 |
| 413078 | 79.00 | -1.40 | 4.00 | .80 | 17920.00 | 6.30 | 6887.00 | 24.00 | .20 | 3882.00 | 241.00 | 6137.00 | -28.00 |
| 413079 | -38.00 | -6.00 | -3.00 | -1.20 | 22460.00 | -4.80 | -4326.00 | -34.00 | -0.50 | -2498.00 | 146.00 | 709.00 | -127.00 |
| 413080 | 101.00 | 2.10 | 4.00 | .80 | 15750.00 | 8.60 | 5249.00 | 22.00 | .30 | 2567.00 | 77.00 | 6184.00 | -74.00 |
| 413081 | 58.00 | -3.30 | 4.00 | .70 | 22310.00 | 4.60 | 7979.00 | -10.00 | -0.30 | -2233.00 | 150.00 | 5120.00 | -80.00 |
| 413082 | 55.00 | -2.30 | 5.00 | .90 | 23760.00 | 2.40 | 11880.00 | -10.00 | .30 | 2838.00 | 286.00 | 3291.00 | -51.00 |
| 413083 | 90.00 | 4.30 | 5.00 | 1.10 | 19270.00 | 6.00 | 14370.00 | 29.00 | -0.20 | 5985.00 | 281.00 | 7034.00 | -70.00 |
| 413084 | 83.00 | 3.30 | 4.00 | 1.00 | 26100.00 | 4.40 | 11800.00 | 34.00 | .30 | 6969.00 | 213.00 | 5180.00 | -49.00 |
| 413085 | -29.00 | -4.30 | 3.00 | -0.90 | 20470.00 | -3.60 | -5491.00 | -17.00 | -0.30 | -2734.00 | 378.00 | 2198.00 | -68.00 |
| 413086 | -16.00 | -3.00 | -3.00 | -0.40 | 18640.00 | -1.90 | -5884.00 | -13.00 | -0.20 | -2722.00 | 378.00 | 476.00 | -87.00 |
| 413087 | 47.00 | -2.30 | 5.00 | 1.20 | 22190.00 | 5.20 | 11470.00 | 23.00 | .30 | 6228.00 | 193.00 | 6944.00 | -52.00 |
| 413088 | 49.00 | 3.20 | 4.00 | 1.10 | 26270.00 | 6.10 | 14610.00 | 29.00 | .30 | 6171.00 | 411.00 | 4733.00 | 85.00 |
| 413089 | 13.00 | 2.40 | 5.00 | .90 | 31470.00 | 4.40 | 10380.00 | 20.00 | .30 | 6714.00 | 198.00 | 5018.00 | -38.00 |
| 413090 | -31.00 | -2.60 | -3.00 | -1.10 | 21490.00 | -4.40 | -4293.00 | -34.00 | -0.40 | -2881.00 | 140.00 | 1237.00 | -153.00 |
| 413091 | -27.00 | -4.30 | -4.00 | -1.10 | 15520.00 | -3.80 | -5847.00 | -23.00 | -0.30 | -2979.00 | 323.00 | 928.00 | -119.00 |
| 413092 | 55.00 | -3.70 | 5.00 | -0.80 | 15810.00 | -3.00 | -4847.00 | -13.00 | -0.30 | 3771.00 | 240.00 | 2860.00 | -74.00 |
| 413093 | 96.00 | 2.50 | 5.00 | 1.00 | 20630.00 | 7.90 | 9707.00 | 30.00 | .40 | 5800.00 | 188.00 | 6034.00 | -28.00 |

CHAMPLAIN LAKE LAKE SEDIMENT

PC. FIND - SAMPLE SFT 4

| SAMPLE NO. | SB PPM | SC PPM | SM PPM | SP PPM | TA PPM | TB PPM | TH PPM | TI PPM | V PPM | V9 PPM | 7N PPM | TH/II RATIO |
|------------|--------|--------|--------|---------|--------|----------|--------|----------|--------|--------|---------|-------------|
| 463051 | -4.00 | 7.70 | -1.10 | -237.00 | -6.00 | -2.00 | 7.70 | 3005.00 | 75.00 | -4.50 | -139.00 | 3.41200 |
| 463052 | -4.00 | 4.70 | -1.90 | -267.00 | -5.00 | -2.00 | -3.00 | -9999.00 | 40.00 | -4.80 | -132.00 | 0.00000 |
| 463053 | -5.00 | 3.90 | -1.90 | -352.00 | -5.00 | -2.00 | -3.00 | -9999.00 | 41.00 | -5.00 | -127.00 | 0.00000 |
| 463054 | -1.00 | 6.70 | 2.90 | -141.00 | -1.00 | -9999.00 | 6.00 | 3349.00 | 58.00 | 3.00 | -38.00 | 3.00300 |
| 463055 | -3.00 | 9.30 | 2.10 | -175.00 | -4.00 | -1.00 | 8.20 | 4401.00 | 100.00 | -3.20 | 119.00 | 3.56300 |
| 463056 | -3.00 | 10.70 | 4.20 | -200.00 | -3.00 | -1.00 | 8.00 | 3393.00 | 110.00 | 3.30 | 117.00 | 3.29900 |
| 463057 | -3.00 | 14.10 | 4.40 | -234.00 | -2.00 | -1.00 | 8.40 | 4969.00 | 147.00 | 7.70 | -90.00 | 2.94100 |
| 463058 | -2.00 | 13.90 | 3.60 | -369.00 | -2.00 | -1.00 | 9.30 | 4997.00 | 134.00 | 5.00 | 222.00 | 3.18500 |
| 463059 | -5.00 | 11.00 | 3.90 | -497.00 | -7.00 | -2.00 | -3.60 | -9999.00 | 97.00 | -5.60 | 375.00 | 0.00000 |
| 463060 | -4.00 | 5.40 | -1.50 | -257.00 | -5.00 | -1.00 | -7.40 | 1140.00 | 43.00 | -3.70 | -109.00 | 0.00000 |
| 463061 | -5.00 | 2.70 | -1.70 | -545.00 | -4.00 | -2.00 | -3.60 | -9999.00 | -14.00 | -5.30 | -134.00 | 0.00000 |
| 463062 | -2.00 | 8.30 | 2.10 | -319.00 | -2.00 | -1.00 | 5.40 | 2747.00 | 83.00 | 3.50 | -88.00 | 2.91500 |
| 463063 | -10.00 | 3.10 | -2.80 | -465.00 | -12.00 | -4.00 | -7.20 | -9999.00 | 20.00 | -11.10 | -304.00 | 0.00000 |
| 463064 | -4.00 | 8.60 | -1.40 | -255.00 | -5.00 | -1.00 | 5.60 | 2557.00 | 75.00 | -3.70 | 124.00 | 3.41300 |
| 463065 | -4.00 | 2.10 | -1.70 | -315.00 | -3.00 | -7.00 | -3.50 | -9999.00 | 74.00 | -5.00 | -134.00 | 0.00000 |
| 463066 | -1.00 | 9.20 | 3.20 | -151.00 | -1.00 | -1.00 | 7.30 | 4066.00 | 104.00 | 3.80 | -30.00 | 3.13500 |
| 463067 | -3.00 | 8.90 | 3.30 | -152.00 | -3.00 | -1.00 | 7.40 | 4333.00 | 93.00 | -2.30 | -88.00 | 2.91500 |
| 463068 | -2.00 | 2.60 | -1.90 | -149.00 | -2.00 | -1.00 | -1.40 | 971.00 | 21.00 | -2.30 | -65.00 | 0.00000 |
| 463069 | -5.00 | 8.20 | 3.70 | -404.00 | -6.00 | -2.00 | -3.80 | -9999.00 | 65.00 | -5.90 | -154.00 | 0.00000 |
| 463070 | -1.00 | 8.80 | 3.10 | -169.00 | -1.00 | -9999.00 | 6.70 | 4284.00 | 97.00 | 3.10 | 175.00 | 2.92500 |
| 463071 | -6.00 | 2.40 | -2.20 | -700.00 | -9.00 | -3.00 | -5.60 | -9999.00 | -21.00 | -8.90 | -220.00 | 0.00000 |
| 463072 | -4.00 | 7.20 | -1.60 | -310.00 | -6.00 | -2.00 | 7.00 | 2077.00 | 54.00 | -4.20 | -120.00 | 4.40500 |
| 463073 | -4.00 | 3.10 | -1.60 | -347.00 | -3.00 | -2.00 | -3.20 | -9999.00 | 30.00 | -4.90 | -121.00 | 0.00000 |
| 463074 | -2.00 | 4.20 | 1.90 | -319.00 | -2.00 | -1.00 | -1.30 | -9999.00 | 31.00 | -2.10 | 167.00 | 0.00000 |
| 463075 | -5.00 | 6.50 | -1.20 | -301.00 | -6.00 | -2.00 | 5.20 | -9999.00 | 15.00 | -9.00 | -126.00 | 2.99500 |
| 463076 | -3.00 | 9.30 | 5.00 | -236.00 | -4.00 | -1.00 | 6.10 | 2323.00 | 93.00 | -3.40 | -75.00 | 3.03000 |
| 463077 | -3.00 | 8.10 | 2.70 | -264.00 | -3.00 | -1.00 | 7.20 | 3846.00 | 84.00 | -3.60 | -83.00 | 3.72000 |
| 463078 | -1.00 | 7.10 | 2.50 | -221.00 | -1.00 | -1.00 | 6.30 | 4167.00 | 67.00 | 2.50 | -82.00 | 3.15500 |
| 463079 | -7.00 | 4.00 | 5.10 | -375.00 | -8.00 | -3.00 | -4.70 | -9999.00 | 20.00 | -7.50 | -192.00 | 0.00000 |
| 463080 | -1.00 | 5.40 | 3.10 | -99.00 | -1.00 | -1.00 | 5.50 | 3078.00 | 56.00 | 3.10 | -78.00 | 2.99000 |
| 463081 | -4.00 | 9.10 | 1.50 | -279.00 | -4.70 | -2.00 | 5.00 | 2792.00 | 45.00 | -4.00 | -100.00 | 2.96000 |
| 463082 | -2.00 | 2.20 | 3.20 | -313.00 | -2.00 | -1.00 | 7.50 | 3099.00 | 92.00 | -1.90 | -65.00 | 3.46000 |
| 463083 | -3.00 | 10.80 | 3.20 | -236.00 | -4.00 | -1.00 | 8.90 | 4798.00 | 103.00 | -3.50 | 80.00 | 3.72100 |
| 463084 | -2.00 | 11.10 | 3.40 | -200.00 | -3.00 | -1.00 | 6.80 | 3483.00 | 116.00 | 3.60 | 143.00 | 2.29300 |
| 463085 | -2.00 | 5.20 | -1.70 | -478.00 | -4.00 | -2.00 | -3.40 | 2302.00 | 38.00 | -5.30 | -101.00 | 0.00000 |
| 463086 | -3.00 | 2.80 | -1.60 | -478.00 | -3.00 | -1.00 | -1.90 | -9999.00 | -12.00 | -3.00 | -109.00 | 0.00000 |
| 463087 | -3.00 | 10.90 | 4.10 | -214.00 | -3.00 | -1.00 | 7.30 | 4051.00 | 100.00 | 4.00 | 175.00 | 2.94100 |
| 463088 | -2.00 | 9.50 | 3.40 | -230.00 | -2.00 | -1.00 | 8.30 | 3174.00 | 84.00 | 3.40 | 70.00 | 2.99400 |
| 463089 | -2.00 | 4.40 | 2.90 | -215.00 | -2.00 | -1.00 | 7.30 | 3506.00 | 94.00 | 3.70 | 195.00 | 3.95000 |
| 463090 | -1.00 | 2.70 | -1.70 | -422.00 | -7.00 | -3.00 | -4.40 | -9999.00 | 22.00 | -6.00 | -181.00 | 0.00000 |
| 463091 | -5.00 | 3.30 | -2.20 | -505.00 | -5.00 | -2.00 | -3.40 | -9999.00 | 37.00 | -5.30 | -142.00 | 0.00000 |
| 463092 | -4.00 | 7.80 | -1.40 | -370.00 | -4.00 | -2.00 | 6.10 | -9999.00 | 68.00 | -4.60 | -97.00 | 3.46000 |
| 463093 | -1.00 | 8.60 | 3.60 | -197.00 | -1.00 | -1.00 | 8.20 | 3958.00 | 96.00 | 3.50 | 63.00 | 2.92300 |

221

END