



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

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STRATEGIC METALS LTD.

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VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 20-FEB-2007

Account: MTT

## CERTIFICATE VA07014397

Project: TIDD TD-06-04

P.O. No.:

This report is for 12 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 13-FEB-2007.

The following have access to data associated with this certificate:

JOAN MARIACHER

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|----------|-------------|
|----------|-------------|

|        |                               |
|--------|-------------------------------|
| FND-02 | Find Sample for Addn Analysis |
|--------|-------------------------------|

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | INSTRUMENT |
|----------|-------------|------------|
|----------|-------------|------------|

|         |                     |     |
|---------|---------------------|-----|
| Au-AA23 | Au 30g FA-AA finish | AAS |
|---------|---------------------|-----|

To: STRATEGIC METALS LTD.  
ATTN: JOAN MARIACHER  
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED  
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VANCOUVER BC V6B 1L8

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Keith Rogers, Executive Manager Vancouver Laboratory



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Total # Pages: 2 (A)

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## CERTIFICATE OF ANALYSIS VA07014397

| Sample Description | Method<br>Analyte<br>Units<br>LOR | Au-AA23<br>Au<br>ppm<br>0.005 |
|--------------------|-----------------------------------|-------------------------------|
| C106161            |                                   | 0.007                         |
| C106162            |                                   | <0.005                        |
| C106163            |                                   | <0.005                        |
| C106164            |                                   | 0.028                         |
| C106165            |                                   | <0.005                        |
| C106166            |                                   | <0.005                        |
| C106167            |                                   | <0.005                        |
| C106168            |                                   | <0.005                        |
| C106169            |                                   | <0.005                        |
| C106170            |                                   | 0.006                         |
| C106171            |                                   | 0.006                         |
| C106172            |                                   | <0.005                        |



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## CERTIFICATE VA06119899

Project: TIDD TD-06-04

P.O. No.:

This report is for 29 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 25-OCT-2006.

The following have access to data associated with this certificate:

JOAN MARIACHER

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION                    |
|----------|--------------------------------|
| WEI-21   | Received Sample Weight         |
| LOG-22   | Sample login - Rcd w/o BarCode |
| CRU-31   | Fine crushing - 70% <2mm       |
| SPL-21   | Split sample - riffle splitter |
| PUL-31   | Pulverize split to 85% <75 um  |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION                    | INSTRUMENT |
|----------|--------------------------------|------------|
| Ag-AA62  | Ore grade Ag - four acid /AAS  | AAS        |
| Cu-AA62  | Ore grade Cu - four acid / AAS | AAS        |
| ME-MS61  | 47 element four acid ICP-MS    |            |

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## CERTIFICATE OF ANALYSIS VA06119899

| Sample Description | Method<br>Analyte<br>Units<br>LOR | WEI-21    | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|-----------------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Recvd Wt. | Ag      | Al      | As      | Ba      | Be      | Bi      | Ca      | Cd      | Ce      | Co      | Cr      | Cs      | Cu      | Fe      |
|                    |                                   | kg        | ppm     | %       | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       |
|                    |                                   | 0.02      | 0.01    | 0.01    | 0.2     | 10      | 0.05    | 0.01    | 0.01    | 0.02    | 0.01    | 0.1     | 1       | 0.05    | 0.2     | 0.01    |
| C106151            |                                   | 4.44      | 3.70    | 7.11    | 37.3    | 340     | 1.50    | 68.30   | 0.12    | 3.39    | 52.80   | 23.8    | 62      | 7.98    | 852.0   | 8.99    |
| C106152            |                                   | 5.08      | 0.96    | 8.61    | 42.4    | 450     | 2.14    | 2.91    | 0.17    | 1.11    | 105.00  | 26.5    | 74      | 9.56    | 121.5   | 10.35   |
| C106153            |                                   | 3.44      | 13.80   | 7.75    | 64.5    | 380     | 2.32    | 21.50   | 0.14    | 16.55   | 83.70   | 32.4    | 67      | 11.65   | 3290.0  | 9.22    |
| C106154            |                                   | 2.66      | 1.45    | 10.35   | 16.7    | 730     | 4.09    | 2.37    | 0.23    | 2.65    | 125.00  | 26.8    | 96      | 13.90   | 127.5   | 7.98    |
| C106155            |                                   | 4.58      | 14.15   | 7.77    | 66.1    | 330     | 3.32    | 22.40   | 0.14    | 32.20   | 89.70   | 28.6    | 68      | 11.55   | 1700.0  | 11.05   |
| C106156            |                                   | 4.22      | 17.60   | 7.91    | 16.5    | 330     | 2.63    | 34.50   | 0.15    | 27.00   | 111.50  | 18.8    | 63      | 7.92    | 1180.0  | 9.61    |
| C106157            |                                   | 2.66      | 13.25   | 7.54    | 48.6    | 410     | 2.46    | 25.90   | 0.17    | 40.10   | 101.50  | 26.7    | 64      | 14.00   | 1340.0  | 10.45   |
| C106158            |                                   | 3.34      | 17.35   | 6.54    | 36.3    | 120     | 1.23    | 10.50   | 1.11    | 92.20   | 77.20   | 28.2    | 44      | 4.36    | 7210.0  | 14.25   |
| C106159            |                                   | 2.28      | 1.39    | 0.53    | <5      | 20      | 0.12    | 0.70    | 20.50   | 8.14    | 7.06    | 3.2     | 3       | 0.38    | 552.0   | 0.97    |
| C106160            |                                   | 4.88      | 3.78    | 9.26    | 24.0    | 400     | 3.42    | 5.52    | 1.21    | 10.75   | 103.00  | 24.2    | 73      | 12.40   | 484.0   | 7.30    |
| C106161            |                                   | 4.58      | 1.55    | 8.48    | 65.7    | 560     | 2.84    | 2.66    | 0.54    | 2.85    | 97.10   | 24.0    | 71      | 16.00   | 93.1    | 6.03    |
| C106162            |                                   | 1.64      | 2.00    | 8.57    | 49.1    | 640     | 2.66    | 3.88    | 0.41    | 7.16    | 101.50  | 26.6    | 66      | 14.85   | 107.0   | 5.90    |
| C106163            |                                   | 4.26      | 2.55    | 11.05   | 41.9    | 900     | 3.13    | 4.88    | 0.33    | 1.67    | 123.50  | 29.8    | 86      | 18.85   | 70.9    | 6.69    |
| C106164            |                                   | 1.90      | >100    | 5.76    | 1055.0  | 140     | 0.99    | 369.00  | 0.09    | 112.50  | 50.30   | 197.5   | 42      | 4.13    | >10000  | 20.60   |
| C106165            |                                   | 2.24      | 0.21    | 0.14    | <5      | 20      | 0.05    | 0.61    | 21.70   | 0.36    | 2.13    | 1.6     | 1       | 0.18    | 40.7    | 0.13    |
| C106166            |                                   | 4.90      | 7.43    | 9.32    | 304.0   | 450     | 2.08    | 27.40   | 0.23    | 27.90   | 78.90   | 20.1    | 83      | 10.40   | 1450.0  | 11.85   |
| C106167            |                                   | 1.90      | 1.03    | 9.98    | 19.6    | 670     | 2.74    | 1.75    | 0.23    | 0.81    | 98.30   | 26.5    | 83      | 12.25   | 73.8    | 6.82    |
| C106168            |                                   | 1.12      | 12.75   | 8.87    | 75.9    | 470     | 1.79    | 34.70   | 0.17    | 16.60   | 89.00   | 34.8    | 82      | 11.15   | 4110.0  | 9.96    |
| C106169            |                                   | 2.34      | 1.01    | 9.93    | 38.4    | 700     | 2.37    | 3.57    | 0.27    | 0.52    | 120.00  | 32.4    | 87      | 14.90   | 152.5   | 7.30    |
| C106170            |                                   | 3.06      | 3.87    | 9.13    | 52.1    | 440     | 1.95    | 36.20   | 0.15    | 3.90    | 72.10   | 43.6    | 79      | 10.75   | 1730.0  | 9.36    |
| C106171            |                                   | 2.38      | 6.78    | 8.02    | 29.8    | 200     | 1.20    | 106.00  | 0.13    | 34.30   | 73.10   | 40.8    | 70      | 5.07    | 2420.0  | 16.25   |
| C106172            |                                   | 2.28      | 0.08    | 0.20    | 9       | 10      | 0.09    | 0.87    | 20.80   | 0.24    | 2.84    | 1.3     | 1       | 0.16    | 30.0    | 0.17    |
| C106173            |                                   | 4.70      | 0.98    | 9.89    | 14.5    | 480     | 2.20    | 3.85    | 0.25    | 2.30    | 84.20   | 23.3    | 80      | 11.05   | 150.0   | 9.17    |
| C106174            |                                   | 2.64      | 1.27    | 8.96    | 14.4    | 420     | 2.07    | 1.89    | 0.48    | 1.53    | 78.00   | 21.3    | 74      | 11.95   | 131.0   | 7.44    |
| C106175            |                                   | 5.38      | 0.95    | 10.05   | 24.3    | 530     | 2.62    | 1.48    | 0.16    | 0.47    | 105.00  | 26.3    | 90      | 12.95   | 49.1    | 7.06    |
| C106176            |                                   | 5.36      | 0.86    | 11.00   | 29.7    | 590     | 2.74    | 1.06    | 0.22    | 0.77    | 105.00  | 32.3    | 98      | 14.05   | 52.9    | 7.58    |
| C106177            |                                   | 2.44      | 14.65   | 5.56    | 31.0    | 210     | 1.06    | 32.10   | 0.33    | 23.00   | 42.50   | 25.8    | 49      | 4.84    | 502.0   | 7.44    |
| C106178            |                                   | 4.22      | 0.71    | 11.15   | 30.3    | 670     | 2.75    | 0.45    | 0.16    | 0.36    | 111.00  | 34.9    | 103     | 13.95   | 39.8    | 7.44    |
| C106179            |                                   | 0.96      | 0.03    | 0.29    | <5      | 20      | 0.12    | 0.91    | 22.50   | 0.29    | 2.51    | 1.5     | 1       | 0.30    | 9.1     | 0.15    |

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.



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Finalized Date: 13-DEC-2006

Account: MTT

## CERTIFICATE OF ANALYSIS VA06119899

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61     | ME-MS61     | ME-MS61    | ME-MS61      | ME-MS61   | ME-MS61    | ME-MS61    | ME-MS61   | ME-MS61  | ME-MS61     | ME-MS61   | ME-MS61    | ME-MS61    | ME-MS61   |
|--------------------|-----------------------------------|-------------|-------------|------------|--------------|-----------|------------|------------|-----------|----------|-------------|-----------|------------|------------|-----------|
|                    |                                   | Ga          | Ge          | Hf         | In           | K         | La         | Li         | Mg        | Mn       | Mo          | Na        | Nb         | Ni         | P         |
|                    |                                   | ppm<br>0.05 | ppm<br>0.05 | ppm<br>0.1 | ppm<br>0.005 | %<br>0.01 | ppm<br>0.5 | ppm<br>0.2 | %<br>0.01 | ppm<br>5 | ppm<br>0.05 | %<br>0.01 | ppm<br>0.1 | ppm<br>0.2 | ppm<br>10 |
| C106151            |                                   | 22.80       | 0.30        | 2.5        | 2.030        | 1.82      | 29.4       | 137.5      | 0.97      | 1655     | 0.65        | 0.04      | 15.4       | 38.1       | 620       |
| C106152            |                                   | 28.30       | 0.36        | 3.0        | 0.512        | 2.43      | 50.0       | 166.0      | 0.97      | 2050     | 0.71        | 0.05      | 18.9       | 47.8       | 790       |
| C106153            |                                   | 24.70       | 0.34        | 2.4        | 6.990        | 2.24      | 40.7       | 113.5      | 1.02      | 2340     | 0.86        | 0.04      | 15.6       | 40.8       | 480       |
| C106154            |                                   | 32.40       | 0.36        | 3.3        | 0.439        | 3.66      | 68.8       | 77.5       | 1.26      | 3400     | 0.96        | 0.08      | 24.2       | 50.4       | 740       |
| C106155            |                                   | 26.40       | 0.37        | 2.6        | 4.100        | 2.06      | 44.2       | 97.9       | 1.41      | 4630     | 0.65        | 0.03      | 14.5       | 36.8       | 480       |
| C106156            |                                   | 28.00       | 0.35        | 2.6        | 3.980        | 1.70      | 55.9       | 150.5      | 2.56      | 4770     | 0.84        | 0.03      | 14.8       | 35.7       | 430       |
| C106157            |                                   | 25.80       | 0.36        | 2.4        | 4.820        | 1.98      | 49.4       | 105.5      | 1.55      | 3620     | 0.54        | 0.03      | 13.9       | 37.5       | 400       |
| C106158            |                                   | 23.00       | 0.40        | 2.6        | 11.450       | 0.60      | 38.5       | 120.5      | 2.67      | 4210     | 8.95        | 0.01      | 12.4       | 34.9       | 5100      |
| C106159            |                                   | 1.73        | 0.09        | 0.2        | 0.973        | 0.07      | 4.0        | 9.2        | 11.65     | 378      | 0.69        | 0.01      | 1.1        | 4.4        | 600       |
| C106160            |                                   | 26.80       | 0.26        | 2.7        | 0.930        | 1.67      | 48.3       | 83.0       | 1.44      | 6000     | 0.56        | 2.27      | 19.4       | 42.5       | 930       |
| C106161            |                                   | 25.80       | 0.25        | 2.7        | 0.662        | 2.67      | 43.9       | 78.1       | 1.14      | 4040     | 0.60        | 0.27      | 19.3       | 40.0       | 710       |
| C106162            |                                   | 26.60       | 0.25        | 2.7        | 0.988        | 2.46      | 45.0       | 74.4       | 1.15      | 3390     | 1.01        | 0.57      | 18.7       | 38.1       | 850       |
| C106163            |                                   | 33.40       | 0.31        | 3.2        | 0.251        | 3.51      | 58.6       | 88.6       | 1.29      | 2420     | 0.32        | 0.53      | 22.5       | 51.0       | 680       |
| C106164            |                                   | 19.20       | 0.54        | 1.5        | 15.900       | 0.75      | 27.6       | 70.3       | 0.69      | 2940     | 1.54        | 0.02      | 9.7        | 49.8       | 370       |
| C106165            |                                   | 0.45        | <0.05       | 0.1        | 0.030        | 0.04      | 1.3        | 2.5        | 12.25     | 111      | 0.09        | 0.01      | 0.3        | 3.3        | 370       |
| C106166            |                                   | 26.60       | 0.31        | 2.7        | 2.860        | 2.45      | 49.0       | 73.4       | 0.93      | 2390     | 1.06        | 0.04      | 16.3       | 37.0       | 700       |
| C106167            |                                   | 29.40       | 0.28        | 2.9        | 0.225        | 3.22      | 54.7       | 68.2       | 1.26      | 2310     | 0.53        | 0.07      | 18.9       | 47.3       | 630       |
| C106168            |                                   | 27.60       | 0.28        | 2.6        | 2.530        | 2.57      | 50.6       | 85.0       | 0.97      | 1955     | 0.74        | 0.05      | 16.0       | 42.4       | 650       |
| C106169            |                                   | 30.00       | 0.28        | 3.0        | 0.264        | 3.29      | 57.9       | 79.5       | 1.29      | 2290     | 1.05        | 0.07      | 20.1       | 50.1       | 910       |
| C106170            |                                   | 27.20       | 0.29        | 2.7        | 4.750        | 2.44      | 43.9       | 93.3       | 0.94      | 1855     | 0.73        | 0.06      | 16.8       | 42.2       | 640       |
| C106171            |                                   | 25.40       | 0.34        | 2.2        | 10.750       | 1.05      | 45.7       | 106.0      | 1.00      | 3410     | 2.13        | 0.02      | 13.8       | 37.1       | 570       |
| C106172            |                                   | 0.61        | 0.07        | 0.1        | 0.087        | 0.05      | 1.8        | 2.6        | 11.70     | 136      | 0.08        | 0.01      | 0.3        | 2.7        | 360       |
| C106173            |                                   | 28.90       | 0.28        | 3.0        | 0.757        | 2.76      | 52.3       | 87.5       | 1.28      | 1950     | 0.49        | 0.05      | 18.4       | 45.9       | 700       |
| C106174            |                                   | 26.00       | 0.24        | 3.0        | 0.466        | 2.53      | 48.8       | 98.5       | 1.53      | 1545     | 0.76        | 0.06      | 17.8       | 43.9       | 730       |
| C106175            |                                   | 30.50       | 0.25        | 3.3        | 0.265        | 3.12      | 59.0       | 74.1       | 1.23      | 1785     | 0.46        | 0.13      | 22.0       | 53.9       | 730       |
| C106176            |                                   | 31.30       | 0.27        | 3.0        | 0.229        | 3.38      | 58.8       | 77.3       | 1.30      | 1540     | 0.61        | 0.15      | 20.9       | 60.2       | 760       |
| C106177            |                                   | 15.95       | 0.20        | 1.4        | 1.965        | 1.22      | 26.0       | 112.5      | 0.95      | 1755     | 0.42        | 0.03      | 7.6        | 34.5       | 640       |
| C106178            |                                   | 33.60       | 0.29        | 3.5        | 0.153        | 3.55      | 62.5       | 105.5      | 1.29      | 1390     | 0.87        | 0.17      | 21.6       | 64.0       | 720       |
| C106179            |                                   | 0.77        | 0.06        | 0.1        | 0.039        | 0.08      | 1.6        | 4.2        | 12.70     | 156      | <0.05       | 0.01      | 0.4        | 3.5        | 400       |

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.



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## CERTIFICATE OF ANALYSIS VA06119899

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Rb      | Re      | S       | Sb      | Sc      | Se      | Sn      | Sr      | Ta      | Te      | Th      | Ti      | Tl      | U       |
|                    |                                   | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     |
|                    |                                   | 0.1     | 0.002   | 0.01    | 0.05    | 0.1     | 1       | 0.2     | 0.2     | 0.05    | 0.05    | 0.2     | 0.005   | 0.02    | 0.1     |
| C106151            |                                   | 141.0   | <0.002  | 2.56    | 7.06    | 17.9    | 5       | 42.2    | 23.9    | 0.92    | 0.17    | 11.3    | 0.414   | 1.54    | 1.9     |
| C106152            |                                   | 217.0   | 0.002   | 2.98    | 8.27    | 23.4    | 5       | 63.1    | 25.4    | 1.17    | 0.05    | 14.2    | 0.513   | 2.27    | 2.4     |
| C106153            |                                   | 203.0   | 0.002   | 2.82    | 5.13    | 17.9    | 6       | 154.0   | 17.3    | 0.94    | 0.13    | 12.8    | 0.431   | 2.59    | 2.0     |
| C106154            |                                   | 288.0   | 0.002   | 1.25    | 1.71    | 25.7    | 5       | 86.8    | 41.7    | 1.46    | 0.08    | 17.6    | 0.659   | 2.43    | 2.7     |
| C106155            |                                   | 202.0   | <0.002  | 3.27    | 5.10    | 17.4    | 5       | 254.0   | 13.6    | 0.88    | 0.09    | 14.2    | 0.382   | 3.19    | 2.3     |
| C106156            |                                   | 176.0   | 0.002   | 0.67    | 1.80    | 16.5    | 5       | 240.0   | 13.6    | 0.91    | 0.16    | 18.6    | 0.315   | 1.51    | 2.9     |
| C106157            |                                   | 230.0   | 0.002   | 2.67    | 3.50    | 16.8    | 5       | 153.0   | 13.1    | 0.88    | 0.10    | 16.5    | 0.304   | 3.15    | 2.6     |
| C106158            |                                   | 50.4    | 0.007   | 3.35    | 2.88    | 10.7    | 6       | 73.0    | 26.6    | 0.73    | 0.07    | 12.3    | 0.232   | 0.84    | 7.2     |
| C106159            |                                   | 4.7     | <0.002  | 0.25    | 0.29    | 0.9     | 10      | 5.8     | 114.0   | 0.06    | <0.05   | 0.9     | 0.020   | 0.08    | 0.5     |
| C106160            |                                   | 164.0   | <0.002  | 1.74    | 2.03    | 19.3    | 5       | 122.0   | 109.0   | 1.17    | 0.07    | 15.9    | 0.468   | 1.77    | 2.5     |
| C106161            |                                   | 232.0   | <0.002  | 1.30    | 1.32    | 19.7    | 5       | 79.4    | 43.6    | 1.17    | 0.05    | 13.4    | 0.496   | 3.01    | 2.3     |
| C106162            |                                   | 257.0   | <0.002  | 0.80    | 1.26    | 18.7    | 6       | 55.0    | 45.8    | 1.14    | <0.05   | 14.0    | 0.529   | 2.19    | 2.3     |
| C106163            |                                   | 265.0   | <0.002  | 0.22    | 0.97    | 26.3    | 7       | 29.1    | 47.4    | 1.36    | 0.05    | 16.9    | 0.625   | 2.02    | 2.7     |
| C106164            |                                   | 58.6    | <0.002  | 6.93    | 2.77    | 13.0    | 23      | 48.5    | 7.9     | 0.61    | 0.46    | 9.0     | 0.270   | 0.94    | 1.3     |
| C106165            |                                   | 2.2     | 0.002   | 0.02    | 0.13    | 0.3     | 2       | 0.7     | 119.0   | <0.05   | <0.05   | 0.3     | 0.006   | 0.03    | 0.1     |
| C106166            |                                   | 181.5   | <0.002  | 1.28    | 1.32    | 19.6    | 2       | 105.0   | 20.5    | 1.24    | 0.07    | 13.5    | 0.499   | 1.75    | 2.4     |
| C106167            |                                   | 219.0   | <0.002  | 0.15    | 0.66    | 22.1    | 1       | 22.5    | 39.2    | 1.42    | <0.05   | 15.4    | 0.552   | 1.93    | 2.4     |
| C106168            |                                   | 185.0   | <0.002  | 1.42    | 1.50    | 18.8    | 2       | 81.2    | 23.2    | 1.22    | 0.14    | 14.3    | 0.449   | 1.61    | 2.4     |
| C106169            |                                   | 221.0   | <0.002  | 0.52    | 1.05    | 22.3    | 1       | 23.4    | 38.0    | 1.56    | <0.05   | 16.0    | 0.587   | 1.75    | 2.8     |
| C106170            |                                   | 174.0   | <0.002  | 0.61    | 1.19    | 20.2    | 1       | 69.4    | 30.8    | 1.26    | 0.06    | 13.2    | 0.478   | 1.49    | 2.4     |
| C106171            |                                   | 77.6    | <0.002  | 1.14    | 1.87    | 17.4    | 2       | 44.6    | 11.6    | 1.09    | 0.19    | 11.7    | 0.443   | 0.67    | 2.1     |
| C106172            |                                   | 2.4     | <0.002  | 0.01    | 0.21    | 0.6     | 1       | 0.9     | 103.0   | <0.05   | <0.05   | 0.2     | 0.008   | <0.02   | 0.1     |
| C106173            |                                   | 200.0   | <0.002  | 0.39    | 1.07    | 23.7    | 1       | 88.7    | 30.0    | 1.41    | <0.05   | 14.0    | 0.535   | 1.78    | 2.6     |
| C106174            |                                   | 190.5   | <0.002  | 0.56    | 1.17    | 20.9    | 1       | 94.3    | 30.7    | 1.30    | <0.05   | 12.9    | 0.496   | 1.96    | 2.3     |
| C106175            |                                   | 218.0   | <0.002  | 0.93    | 1.02    | 24.5    | 1       | 47.9    | 60.3    | 1.69    | <0.05   | 15.8    | 0.615   | 2.20    | 2.8     |
| C106176            |                                   | 236.0   | <0.002  | 0.71    | 1.20    | 26.4    | 1       | 14.4    | 56.7    | 1.59    | <0.05   | 15.9    | 0.611   | 1.66    | 3.0     |
| C106177            |                                   | 91.4    | <0.002  | 1.70    | 1.91    | 10.6    | 2       | 42.1    | 17.1    | 0.54    | 0.24    | 6.3     | 0.205   | 0.92    | 1.2     |
| C106178            |                                   | 247.0   | 0.002   | 0.89    | 3.90    | 27.5    | 1       | 8.7     | 51.7    | 1.65    | <0.05   | 17.4    | 0.606   | 1.51    | 3.4     |
| C106179            |                                   | 4.0     | <0.002  | 0.02    | 0.13    | 0.3     | 1       | 0.3     | 106.5   | <0.05   | <0.05   | 0.3     | 0.011   | <0.02   | 0.1     |

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.



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Finalized Date: 13-DEC-2006

Account: MTT

## CERTIFICATE OF ANALYSIS VA06119899

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61    | ME-MS61    | ME-MS61  | ME-MS61    | Ag-AA62  | Cu-AA62   |
|--------------------|-----------------------------------|------------|------------|----------|------------|----------|-----------|
|                    |                                   | W          | Y          | Zn       | Zr         | Ag       | Cu        |
|                    |                                   | ppm<br>0.1 | ppm<br>0.1 | ppm<br>2 | ppm<br>0.5 | ppm<br>1 | %<br>0.01 |
| C106151            |                                   | 37.1       | 21.9       | 252      | 85.0       |          |           |
| C106152            |                                   | 32.3       | 35.5       | 283      | 100.5      |          |           |
| C106153            |                                   | 15.3       | 25.4       | 1930     | 77.8       |          |           |
| C106154            |                                   | 10.5       | 39.8       | 455      | 104.0      |          |           |
| C106155            |                                   | 19.2       | 21.7       | 5540     | 86.0       |          |           |
| C106156            |                                   | 20.8       | 16.9       | 2590     | 89.1       |          |           |
| C106157            |                                   | 19.5       | 21.7       | 4480     | 81.3       |          |           |
| C106158            |                                   | 19.0       | 22.5       | 6740     | 92.3       |          |           |
| C106159            |                                   | 1.6        | 3.6        | 628      | 7.4        |          |           |
| C106160            |                                   | 7.3        | 29.9       | 1440     | 87.9       |          |           |
| C106161            |                                   | 13.2       | 27.5       | 469      | 96.2       |          |           |
| C106162            |                                   | 11.1       | 32.8       | 721      | 88.0       |          |           |
| C106163            |                                   | 16.8       | 36.7       | 240      | 104.5      |          |           |
| C106164            |                                   | 30.7       | 16.1       | 5670     | 49.0       | 111      | 2.14      |
| C106165            |                                   | 0.3        | 2.5        | 18       | 2.2        |          |           |
| C106166            |                                   | 31.6       | 25.5       | 1930     | 80.9       |          |           |
| C106167            |                                   | 17.4       | 29.4       | 160      | 86.3       |          |           |
| C106168            |                                   | 21.2       | 25.6       | 964      | 77.7       |          |           |
| C106169            |                                   | 22.0       | 30.3       | 152      | 89.8       |          |           |
| C106170            |                                   | 34.4       | 24.3       | 398      | 79.1       |          |           |
| C106171            |                                   | 37.5       | 25.3       | 2060     | 69.3       |          |           |
| C106172            |                                   | 0.6        | 2.6        | 16       | 2.3        |          |           |
| C106173            |                                   | 17.5       | 25.0       | 316      | 90.2       |          |           |
| C106174            |                                   | 19.6       | 17.8       | 299      | 93.3       |          |           |
| C106175            |                                   | 27.2       | 27.8       | 179      | 96.0       |          |           |
| C106176            |                                   | 13.4       | 26.9       | 284      | 91.0       |          |           |
| C106177            |                                   | 9.4        | 10.7       | 2720     | 42.9       |          |           |
| C106178            |                                   | 33.0       | 27.7       | 261      | 103.0      |          |           |
| C106179            |                                   | 0.5        | 2.5        | 21       | 3.0        |          |           |

Comments: Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.