



# ALS Chemex

**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: STRATEGIC METALS LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981)

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VANCOUVER BC V6B 1L8

Page: 1

Finalized Date: 23-SEP-2007

Account: MTT

## CERTIFICATE VA07083266

Project: NIMO-PE

P.O. No.: PE07-07

This report is for 11 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 31-JUL-2007.

The following have access to data associated with this certificate:

AL ARCHER  
VANCOUVER OFFICE

DOUG EATON  
BILL WENGZYNOWSKI

JOAN MARIACHER

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION                    |
|----------|--------------------------------|
| WEI-21   | Received Sample Weight         |
| BAG-01   | Bulk Master for Storage        |
| LOG-22   | Sample login - Rcd w/o BarCode |
| CRU-QC   | Crushing QC Test               |
| CRU-31   | Fine crushing - 70% <2mm       |
| PUL-32   | Pulverize 1000g to 85% < 75 um |
| DRY-21   | High Temperature Drying        |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION                 |      |
|----------|-----------------------------|------|
| ME-MS61  | 48 element four acid ICP-MS |      |
| Hg-CV41  | Trace Hg - cold vapor/AAS   | FIMS |

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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:

Lawrence Ng, Laboratory Manager - Vancouver



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## CERTIFICATE OF ANALYSIS VA07083266

| 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.<br>kg<br>0.02 | Ag<br>ppm<br>0.01 | Al<br>%<br>0.01 | As<br>ppm<br>0.2 | Ba<br>ppm<br>10 | Be<br>ppm<br>0.05 | Bi<br>ppm<br>0.01 | Ca<br>%<br>0.01 | Cd<br>ppm<br>0.02 | Ce<br>ppm<br>0.01 | Co<br>ppm<br>0.1 | Cr<br>ppm<br>1 | Cs<br>ppm<br>0.05 | Cu<br>ppm<br>0.2 | Fe<br>%<br>0.01 |
| C385555            |                                   | 0.58                    | 0.26              | 6.96            | 18.5             | 2890            | 1.78              | 0.17              | 0.84            | 0.84              | 58.70             | 16.9             | 79             | 8.14              | 35.6             | 13.20           |
| C385556            |                                   | 0.52                    | 0.34              | 9.13            | 36.7             | 2800            | 2.60              | 0.25              | 0.42            | 0.91              | 69.50             | 22.7             | 110            | 11.85             | 51.2             | 3.58            |
| C385557            |                                   | 0.10                    | 1.96              | 2.03            | 157.0            | 50              | 0.49              | 0.06              | 1.92            | 0.50              | 20.90             | 17.9             | 60             | 1.29              | 35.7             | 23.90           |
| C385558            |                                   | 0.56                    | 0.76              | 7.13            | 129.0            | 190             | 1.83              | 0.22              | 0.53            | 1.12              | 53.00             | 21.5             | 111            | 8.52              | 66.8             | 5.28            |
| C385559            |                                   | 0.56                    | 0.22              | 6.50            | 27.1             | 3200            | 2.03              | 0.17              | 1.05            | 0.65              | 58.70             | 16.7             | 71             | 7.86              | 33.2             | 14.70           |
| C385560            |                                   | 1.18                    | 0.01              | 0.1             | <5               | 30              | 0.06              | 0.02              | 24.4            | 0.07              | 1.42              | 1.3              | 3              | 0.25              | 1.7              | 0.51            |
| C385561            |                                   | 0.46                    | 0.12              | 8.31            | 23.2             | 200             | 2.10              | 0.27              | 1.02            | 0.60              | 60.30             | 25.5             | 78             | 10.65             | 45.6             | 5.90            |
| C385562            |                                   | 0.58                    | 0.09              | 8.73            | 28.9             | 150             | 2.43              | 0.30              | 0.43            | 0.69              | 66.60             | 25.0             | 87             | 11.80             | 40.0             | 3.33            |
| C385563            |                                   | 0.14                    | 0.50              | 6.70            | 23.1             | 350             | 1.54              | 0.21              | 0.41            | 0.65              | 39.40             | 20.1             | 74             | 7.62              | 67.6             | 13.90           |
| C385564            |                                   | 0.52                    | 0.17              | 7.50            | 23.4             | 290             | 1.91              | 0.23              | 1.41            | 0.58              | 56.20             | 22.8             | 67             | 9.33              | 50.0             | 5.19            |
| C385565            |                                   | 0.56                    | 0.24              | 8.40            | 28.6             | 120             | 2.44              | 0.28              | 0.30            | 0.98              | 66.80             | 24.4             | 86             | 11.75             | 45.4             | 2.92            |

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 VA07083266

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61 | ME-MS61 | ME-MS61 | Hg-CV41 | 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      | Hg      | In      | K       | La      | Li      | Mg      | Mn      | Mo      | Na      | Nb      | Ni      | P       |
|                    |                                   | ppm     | ppm     | ppm     | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | %       | ppm     | ppm     | ppm     |
|                    |                                   | 0.05    | 0.05    | 0.1     | 0.01    | 0.005   | 0.01    | 0.5     | 0.2     | 0.01    | 5       | 0.05    | 0.01    | 0.1     | 0.2     | 10      |
| C385555            |                                   | 18.05   | 0.21    | 2.7     | 0.02    | 0.059   | 1.60    | 31.4    | 57.0    | 2.39    | 921     | 1.78    | 0.19    | 8.7     | 65.6    | 2450    |
| C385556            |                                   | 25.00   | 0.15    | 4.1     | 0.03    | 0.078   | 2.25    | 38.1    | 76.8    | 0.84    | 188     | 2.04    | 0.26    | 13.3    | 84.0    | 1350    |
| C385557            |                                   | 5.92    | 0.32    | 0.8     | 0.15    | 0.022   | 0.31    | 22.3    | 27.1    | 3.17    | 1160    | 1.38    | 0.04    | 3.1     | 104.5   | 7020    |
| C385558            |                                   | 19.55   | 0.18    | 3.1     | 0.13    | 0.061   | 1.71    | 30.0    | 63.0    | 0.61    | 69      | 2.49    | 0.17    | 10.4    | 114.5   | 2180    |
| C385559            |                                   | 17.50   | 0.23    | 2.7     | 0.02    | 0.062   | 1.54    | 31.1    | 63.1    | 2.59    | 989     | 1.64    | 0.16    | 8.7     | 65.9    | 3270    |
| C385560            |                                   | 0.39    | 0.21    | <0.1    | <0.01   | <0.005  | 0.04    | 0.7     | 1.1     | 15.45   | 217     | 0.17    | 0.01    | 0.3     | 1.7     | 220     |
| C385561            |                                   | 21.30   | 0.17    | 3.7     | 0.07    | 0.071   | 2.17    | 28.3    | 32.9    | 0.92    | 596     | 4.06    | 0.25    | 9.9     | 109.0   | 470     |
| C385562            |                                   | 23.50   | 0.15    | 4.2     | 0.08    | 0.081   | 2.33    | 32.4    | 37.6    | 0.67    | 154     | 5.34    | 0.27    | 11.1    | 102.5   | 460     |
| C385563            |                                   | 16.70   | 0.29    | 3.0     | 0.09    | 0.055   | 1.64    | 17.3    | 22.6    | 0.55    | 202     | 4.42    | 0.20    | 7.9     | 97.4    | 460     |
| C385564            |                                   | 19.25   | 0.17    | 3.5     | 0.07    | 0.067   | 1.91    | 25.7    | 28.5    | 0.98    | 447     | 4.58    | 0.24    | 9.1     | 92.5    | 530     |
| C385565            |                                   | 23.10   | 0.14    | 4.0     | 0.07    | 0.081   | 2.29    | 32.5    | 32.7    | 0.54    | 72      | 6.44    | 0.25    | 10.8    | 104.5   | 550     |
|                    |                                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|                    |                                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
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|                    |                                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
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|                    |                                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|                    |                                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
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|                    |                                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |

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 VA07083266

| 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 |
|--------------------|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|                    |                                   | Pb      | Rb      | Re      | S       | Sb      | Sc      | Se      | Sn      | Sr      | Ta      | Te      | Th      | Ti      | Tl      |
|                    |                                   | ppm     | ppm     | ppm     | %       | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | %       | ppm     |
|                    |                                   | 0.5     | 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    |
| C385555            |                                   | 14.1    | 105.0   | <0.002  | 0.46    | 1.96    | 15.4    | 3       | 1.9     | 181.0   | 0.54    | 0.07    | 8.7     | 0.354   | 1.11    |
| C385556            |                                   | 22.1    | 151.0   | <0.002  | 0.71    | 2.85    | 19.4    | 5       | 2.7     | 197.5   | 0.86    | 0.10    | 11.4    | 0.514   | 1.52    |
| C385557            |                                   | 72.7    | 18.8    | <0.002  | 5.32    | 6.99    | 12.2    | 14      | 0.6     | 203.0   | 0.18    | 0.13    | 2.5     | 0.099   | 1.54    |
| C385558            |                                   | 46.1    | 114.5   | 0.002   | 3.65    | 6.36    | 14.8    | 11      | 2.2     | 149.5   | 0.67    | 0.19    | 8.1     | 0.387   | 2.38    |
| C385559            |                                   | 14.5    | 100.5   | <0.002  | 0.43    | 1.66    | 15.2    | 3       | 1.9     | 220.0   | 0.55    | 0.09    | 8.6     | 0.342   | 1.09    |
| C385560            |                                   | 2.6     | 1.8     | <0.002  | 0.04    | 0.06    | 0.5     | 2       | <0.2    | 52.9    | <0.05   | <0.05   | <0.2    | <0.005  | <0.02   |
| C385561            |                                   | 18.7    | 133.0   | 0.009   | 4.29    | 1.78    | 20.4    | 2       | 2.4     | 126.0   | 0.78    | 0.08    | 9.9     | 0.451   | 2.13    |
| C385562            |                                   | 20.9    | 148.0   | 0.011   | 2.72    | 2.16    | 20.7    | 3       | 2.8     | 111.0   | 0.90    | 0.11    | 11.5    | 0.501   | 2.54    |
| C385563            |                                   | 32.9    | 98.1    | 0.008   | >10.0   | 2.76    | 13.6    | 3       | 2.0     | 71.7    | 0.62    | 0.11    | 6.5     | 0.365   | 2.53    |
| C385564            |                                   | 19.5    | 117.0   | 0.011   | 4.94    | 2.36    | 21.1    | 3       | 2.3     | 124.0   | 0.73    | 0.09    | 8.7     | 0.413   | 2.24    |
| C385565            |                                   | 19.1    | 144.5   | 0.013   | 2.45    | 4.44    | 20.9    | 3       | 2.7     | 110.0   | 0.86    | 0.11    | 11.1    | 0.470   | 2.73    |

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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|--------------------|-----------------------------------|----------|------------|------------|----------|------------|
|                    |                                   | V        | W          | Y          | Zn       | Zr         |
|                    |                                   | ppm<br>1 | ppm<br>0.1 | ppm<br>0.1 | ppm<br>2 | ppm<br>0.5 |
| C385555            |                                   | 169      | 1.0        | 27.0       | 166      | 93.2       |
| C385556            |                                   | 243      | 1.6        | 24.5       | 159      | 131.5      |
| C385557            |                                   | 254      | 0.5        | 47.6       | 105      | 32.9       |
| C385558            |                                   | 298      | 1.2        | 36.9       | 201      | 103.0      |
| C385559            |                                   | 157      | 1.0        | 24.5       | 152      | 92.1       |
| C385560            |                                   | 3        | 0.1        | 1          | 20       | 0.8        |
| C385561            |                                   | 220      | 1.3        | 30.5       | 502      | 112.0      |
| C385562            |                                   | 243      | 1.5        | 25.2       | 235      | 127.0      |
| C385563            |                                   | 172      | 1.1        | 26.5       | 221      | 95.0       |
| C385564            |                                   | 205      | 1.3        | 27.3       | 224      | 105.5      |
| C385565            |                                   | 237      | 1.5        | 26.9       | 247      | 122.5      |

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