ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

# CERTIFICATE TB12089803

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 187 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24-APR-2012.

The following have access to data associated with this certificate:

| | | |
|---|---|---|
| RACHEL GHENT | DARRELL HYDE | KERRY SPARKES |

## SAMPLE PREPARATION

| ALS CODE | DESCRIPTION |
|---|---|
| WEI-21 | Received Sample Weight |
| LOG-23 | Pulp Login - Rcvd with Barcode |
| 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 |
| CRU-QC | Crushing QC Test |
| PUL-QC | Pulverizing QC Test |

## ANALYTICAL PROCEDURES

| ALS CODE | DESCRIPTION | |
|---|---|---|
| ME-MS61 | 48 element four acid ICP-MS | |
| Au-AA23 | Au 30g FA-AA finish | AAS |

To: **RAINY RIVER RESOURCES LTD.**
**ATTN: DARRELL HYDE**
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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.

***** See Appendix Page for comments regarding this certificate *****

**Signature:**
Colin Ramshaw, Vancouver Laboratory Manager

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# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765461 | | 2.39 | <0.005 | 0.09 | 6.08 | 9.3 | 730 | 1.66 | 0.09 | 0.77 | 0.03 | 101.0 | 3.7 | 10 | 1.95 | 5.5 |
| M765462 | | 1.83 | <0.005 | 0.08 | 6.24 | 16.4 | 630 | 1.73 | 0.15 | 0.48 | 0.02 | 101.5 | 2.0 | 11 | 1.49 | 3.0 |
| M765463 | | 1.86 | <0.005 | 0.30 | 6.04 | 24.8 | 630 | 1.75 | 0.14 | 0.42 | 0.06 | 101.5 | 1.7 | 7 | 1.56 | 2.9 |
| M765464 | | 1.83 | <0.005 | 0.10 | 5.96 | 19.7 | 580 | 1.95 | 0.13 | 0.36 | 0.02 | 99.8 | 1.3 | 7 | 1.62 | 2.5 |
| M765465 | | 1.77 | <0.005 | 0.07 | 5.99 | 14.2 | 610 | 2.09 | 0.09 | 0.52 | 0.04 | 89.4 | 1.4 | 7 | 1.73 | 2.7 |
| M765466 | | 1.98 | <0.005 | 0.07 | 5.78 | 17.8 | 530 | 2.04 | 0.18 | 0.47 | 0.06 | 92.9 | 1.1 | 12 | 1.52 | 2.9 |
| M765467 | | 1.75 | <0.005 | 0.35 | 5.61 | 28.0 | 610 | 1.81 | 0.10 | 0.51 | <0.02 | 95.6 | 1.2 | 7 | 1.64 | 1.7 |
| M765468 | | 1.19 | <0.005 | 0.06 | 6.06 | 42.2 | 750 | 1.89 | 0.14 | 0.53 | 0.04 | 112.5 | 1.8 | 10 | 2.31 | 2.8 |
| M765469 | | 1.20 | 0.007 | 0.07 | 6.13 | 54.1 | 870 | 1.90 | 0.16 | 0.28 | 0.06 | 107.5 | 3.4 | 7 | 2.09 | 7.6 |
| M765470 | | 1.26 | <0.005 | 0.18 | 5.98 | 31.0 | 680 | 1.65 | 0.16 | 0.33 | 0.12 | 109.5 | 1.4 | 8 | 2.04 | 2.6 |
| M765471 | | 1.23 | 0.044 | 0.09 | 6.35 | 408 | 880 | 1.54 | 0.16 | 0.42 | <0.02 | 95.0 | 22.0 | 5 | 2.17 | 6.2 |
| M765472 | | 1.35 | 0.044 | 0.06 | 6.27 | 29.3 | 840 | 1.37 | 1.58 | 0.48 | 0.04 | 99.4 | 2.3 | 8 | 2.05 | 4.0 |
| M765473 | | 1.22 | <0.005 | 0.07 | 6.21 | 35.8 | 680 | 1.37 | 7.58 | 0.51 | 0.05 | 110.5 | 1.4 | 2 | 1.89 | 5.5 |
| M765474 | | 1.27 | 0.042 | 0.14 | 5.92 | 39.8 | 710 | 1.20 | 2.65 | 0.39 | 0.03 | 104.5 | 1.3 | 5 | 1.32 | 5.8 |
| M765475 | | 0.06 | <0.005 | 0.06 | 6.53 | 3.5 | 920 | 1.02 | 0.11 | 1.35 | 0.08 | 29.9 | 2.1 | 11 | 1.86 | 5.1 |
| M765476 | | 1.12 | 0.056 | 0.22 | 5.84 | 59.0 | 710 | 1.18 | 0.88 | 0.19 | 0.05 | 96.9 | 1.7 | 3 | 1.64 | 19.4 |
| M765477 | | 1.18 | 0.040 | 0.29 | 6.11 | 43.2 | 710 | 1.69 | 0.30 | 0.24 | 0.04 | 107.0 | 2.2 | 5 | 2.54 | 9.3 |
| M765478 | | 1.36 | 0.031 | 0.16 | 6.54 | 61.1 | 870 | 1.68 | 0.13 | 0.40 | <0.02 | 96.6 | 2.3 | 3 | 2.58 | 15.3 |
| M765479 | | 1.10 | 0.013 | 0.10 | 6.02 | 102.5 | 720 | 1.89 | 0.13 | 0.53 | 0.03 | 105.0 | 3.0 | 4 | 2.31 | 8.4 |
| M765480 | | 1.23 | <0.005 | 0.10 | 6.30 | 41.4 | 650 | 1.80 | 0.11 | 0.58 | 0.05 | 121.5 | 1.6 | 4 | 2.54 | 5.4 |
| M765481 | | 2.09 | <0.005 | 0.06 | 6.18 | 23.4 | 640 | 1.88 | 0.20 | 0.46 | 0.03 | 108.5 | 1.1 | 6 | 2.25 | 2.2 |
| M765482 | | 1.90 | <0.005 | 0.17 | 6.25 | 14.7 | 680 | 1.67 | 0.13 | 0.24 | 0.03 | 99.5 | 1.0 | 4 | 2.58 | 2.5 |
| M765483 | | 1.83 | <0.005 | 0.10 | 6.17 | 20.8 | 620 | 1.73 | 0.16 | 0.22 | 0.04 | 110.5 | 1.1 | 5 | 2.13 | 3.1 |
| M765484 | | 1.87 | <0.005 | 0.15 | 6.20 | 44.1 | 610 | 1.90 | 0.22 | 0.22 | 0.04 | 106.5 | 1.1 | 4 | 1.97 | 2.9 |
| M765485 | | 1.04 | <0.005 | 0.07 | 6.13 | 45.4 | 600 | 1.70 | 0.19 | 0.21 | <0.02 | 105.5 | 1.1 | 4 | 2.07 | 3.4 |
| M765486 | | 1.24 | <0.005 | 0.07 | 6.27 | 153.5 | 650 | 1.68 | 0.13 | 0.26 | 0.02 | 104.0 | 1.2 | 4 | 2.12 | 2.7 |
| M765487 | | 1.98 | 0.161 | 0.21 | 6.10 | 48.1 | 650 | 1.73 | 0.40 | 0.49 | 0.04 | 105.5 | 2.6 | 4 | 1.42 | 26.1 |
| M765488 | | 0.83 | 0.148 | 0.33 | 5.98 | 66.1 | 730 | 1.70 | 0.57 | 0.30 | 0.13 | 85.1 | 2.2 | 2 | 1.83 | 23.7 |
| M765489 | | 1.22 | 0.129 | 0.32 | 5.93 | 70.6 | 680 | 1.58 | 0.33 | 0.25 | 0.08 | 82.7 | 1.7 | 4 | 1.72 | 19.2 |
| M765490 | | 1.40 | 0.129 | 0.13 | 6.27 | 70.1 | 680 | 1.38 | 0.35 | 0.46 | 0.06 | 103.5 | 1.4 | 5 | 1.62 | 10.4 |
| M765491 | | 1.29 | 0.032 | 0.12 | 6.22 | 84.4 | 620 | 1.35 | 0.30 | 0.30 | 0.10 | 100.5 | 1.1 | 5 | 1.52 | 5.7 |
| M765492 | | 1.23 | 0.067 | 0.12 | 6.09 | 65.3 | 620 | 1.40 | 0.42 | 0.51 | 0.05 | 103.5 | 1.2 | 5 | 1.62 | 5.4 |
| M765493 | | 1.75 | 0.236 | 0.12 | 6.04 | 63.8 | 650 | 1.36 | 0.44 | 0.38 | 0.06 | 95.2 | 1.2 | 6 | 1.71 | 6.7 |
| M765494 | | 1.95 | 0.021 | 0.06 | 6.19 | 39.3 | 590 | 1.59 | 0.40 | 0.53 | 0.03 | 98.6 | 0.9 | 4 | 1.54 | 3.1 |
| M765495 | | 1.93 | 0.123 | 0.06 | 6.14 | 33.0 | 650 | 1.54 | 0.39 | 0.45 | 0.05 | 104.5 | 1.8 | 9 | 1.80 | 5.5 |
| M765496 | | 1.92 | <0.005 | 0.07 | 5.99 | 14.0 | 590 | 1.99 | 0.39 | 0.48 | 0.02 | 97.2 | 1.1 | 5 | 1.74 | 3.6 |
| M765497 | | 1.99 | <0.005 | 0.10 | 6.03 | 11.8 | 590 | 1.69 | 0.34 | 0.51 | 0.04 | 100.0 | 1.0 | 6 | 1.82 | 5.8 |
| M765498 | | 1.92 | <0.005 | 0.09 | 6.01 | 19.4 | 590 | 1.70 | 0.27 | 0.45 | 0.03 | 105.5 | 0.9 | 4 | 1.78 | 3.4 |
| M765499 | | 0.85 | <0.005 | 0.10 | 6.24 | 31.2 | 580 | 1.91 | 0.19 | 0.51 | 0.04 | 107.5 | 1.1 | 4 | 1.69 | 3.2 |
| M765500 | | 0.82 | <0.005 | 0.12 | 6.08 | 32.5 | 580 | 2.05 | 0.14 | 0.53 | 0.06 | 99.0 | 1.2 | 3 | 1.87 | 6.2 |

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**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765461 | | 1.73 | 17.75 | 1.03 | 6.3 | 0.025 | 3.34 | 50.1 | 18.3 | 0.26 | 283 | 1.66 | 2.70 | 14.7 | 7.1 | 220 |
| M765462 | | 1.46 | 16.85 | 0.76 | 5.8 | 0.021 | 3.61 | 49.4 | 8.2 | 0.14 | 245 | 2.40 | 2.68 | 14.1 | 3.6 | 100 |
| M765463 | | 1.35 | 17.35 | 0.86 | 7.0 | 0.030 | 3.71 | 48.0 | 8.1 | 0.10 | 214 | 2.41 | 2.64 | 16.6 | 1.2 | 90 |
| M765464 | | 1.44 | 17.25 | 0.81 | 6.7 | 0.019 | 3.67 | 46.8 | 9.3 | 0.08 | 195 | 1.55 | 2.67 | 16.5 | 1.3 | 90 |
| M765465 | | 1.31 | 16.35 | 0.85 | 5.5 | 0.019 | 3.58 | 43.3 | 12.6 | 0.08 | 247 | 2.52 | 2.68 | 14.9 | 0.8 | 90 |
| M765466 | | 1.29 | 15.65 | 0.81 | 6.0 | 0.027 | 3.50 | 41.3 | 10.8 | 0.08 | 242 | 2.75 | 2.60 | 15.6 | 1.2 | 90 |
| M765467 | | 1.36 | 16.65 | 1.01 | 6.4 | 0.017 | 3.41 | 44.2 | 11.7 | 0.07 | 304 | 2.52 | 2.48 | 16.6 | 1.0 | 80 |
| M765468 | | 1.63 | 15.70 | 0.80 | 5.9 | 0.020 | 3.35 | 53.9 | 14.9 | 0.08 | 425 | 1.88 | 2.47 | 15.3 | 0.7 | 80 |
| M765469 | | 1.81 | 19.00 | 0.91 | 7.1 | 0.051 | 3.52 | 53.7 | 23.1 | 0.09 | 291 | 2.50 | 2.16 | 16.5 | 0.6 | 100 |
| M765470 | | 1.41 | 17.25 | 0.85 | 6.4 | 0.022 | 3.60 | 52.0 | 12.0 | 0.07 | 432 | 1.95 | 2.46 | 15.5 | 0.9 | 100 |
| M765471 | | 3.44 | 16.85 | 0.74 | 5.4 | 0.080 | 3.57 | 44.6 | 29.5 | 0.10 | 432 | 1.54 | 1.71 | 12.2 | 0.6 | 80 |
| M765472 | | 1.96 | 16.10 | 0.79 | 5.7 | 0.054 | 3.65 | 45.6 | 21.7 | 0.08 | 509 | 1.60 | 2.10 | 13.9 | 0.9 | 80 |
| M765473 | | 1.24 | 15.55 | 0.18 | 5.0 | 0.032 | 3.43 | 54.0 | 13.7 | 0.07 | 463 | 2.26 | 2.46 | 13.8 | 1.3 | 90 |
| M765474 | | 1.06 | 14.15 | 0.19 | 5.7 | 0.017 | 3.43 | 52.1 | 17.1 | 0.06 | 455 | 2.33 | 2.33 | 15.2 | 1.2 | 90 |
| M765475 | | 1.43 | 12.25 | 0.13 | 1.1 | 0.024 | 2.20 | 15.2 | 10.2 | 0.18 | 568 | 0.93 | 2.76 | 4.6 | 2.1 | 180 |
| M765476 | | 1.13 | 14.85 | 0.17 | 5.1 | 0.032 | 3.40 | 50.9 | 24.6 | 0.07 | 130 | 2.23 | 2.02 | 15.3 | 1.0 | 90 |
| M765477 | | 1.91 | 16.55 | 0.18 | 5.7 | 0.050 | 3.47 | 53.7 | 25.7 | 0.10 | 223 | 1.44 | 2.01 | 15.8 | 1.2 | 100 |
| M765478 | | 2.02 | 16.20 | 0.17 | 5.6 | 0.039 | 3.49 | 49.5 | 22.2 | 0.11 | 630 | 1.55 | 1.99 | 15.9 | 1.2 | 90 |
| M765479 | | 1.63 | 13.95 | 0.17 | 5.2 | 0.033 | 2.88 | 53.1 | 15.9 | 0.09 | 920 | 1.45 | 2.20 | 13.7 | 1.2 | 90 |
| M765480 | | 1.25 | 15.50 | 0.21 | 4.7 | 0.026 | 3.32 | 60.6 | 16.0 | 0.08 | 314 | 2.66 | 2.55 | 13.0 | 1.1 | 90 |
| M765481 | | 1.19 | 15.50 | 0.20 | 5.4 | 0.026 | 3.41 | 52.1 | 13.8 | 0.08 | 283 | 2.15 | 2.56 | 14.9 | 1.4 | 80 |
| M765482 | | 1.18 | 15.10 | 0.21 | 4.8 | 0.022 | 3.38 | 50.0 | 14.5 | 0.07 | 161 | 1.58 | 2.53 | 13.1 | 1.1 | 100 |
| M765483 | | 1.28 | 15.00 | 0.18 | 5.3 | 0.034 | 3.40 | 54.8 | 11.5 | 0.07 | 260 | 1.86 | 2.58 | 13.2 | 1.3 | 110 |
| M765484 | | 1.21 | 15.55 | 0.20 | 5.5 | 0.020 | 3.37 | 54.2 | 13.1 | 0.07 | 201 | 2.57 | 2.59 | 14.8 | 1.2 | 100 |
| M765485 | | 1.14 | 14.90 | 0.21 | 5.4 | 0.015 | 3.39 | 51.5 | 13.8 | 0.07 | 221 | 2.37 | 2.58 | 15.1 | 1.3 | 80 |
| M765486 | | 1.22 | 15.50 | 0.19 | 5.6 | 0.021 | 3.46 | 52.8 | 12.7 | 0.07 | 346 | 2.41 | 2.53 | 15.1 | 1.1 | 90 |
| M765487 | | 1.67 | 16.75 | 0.22 | 5.3 | 0.047 | 3.26 | 54.0 | 27.5 | 0.09 | 233 | 1.95 | 2.09 | 14.9 | 1.3 | 90 |
| M765488 | | 1.23 | 15.75 | 0.21 | 4.6 | 0.074 | 3.66 | 43.4 | 32.4 | 0.09 | 242 | 3.33 | 1.39 | 14.5 | 1.1 | 90 |
| M765489 | | 1.24 | 13.75 | 0.20 | 4.2 | 0.055 | 3.54 | 42.5 | 28.2 | 0.08 | 252 | 2.66 | 1.89 | 11.8 | 1.2 | 90 |
| M765490 | | 1.29 | 16.15 | 0.20 | 5.4 | 0.034 | 3.63 | 50.0 | 27.7 | 0.08 | 267 | 3.10 | 2.41 | 15.4 | 1.3 | 90 |
| M765491 | | 1.05 | 15.15 | 0.20 | 4.9 | 0.037 | 3.41 | 52.7 | 22.1 | 0.07 | 247 | 2.64 | 2.58 | 14.8 | 1.2 | 100 |
| M765492 | | 1.11 | 15.35 | 0.20 | 5.2 | 0.028 | 3.38 | 51.3 | 23.6 | 0.07 | 278 | 2.69 | 2.57 | 15.0 | 1.1 | 80 |
| M765493 | | 1.21 | 15.25 | 0.24 | 4.9 | 0.031 | 3.45 | 48.0 | 27.6 | 0.07 | 238 | 3.11 | 2.41 | 15.2 | 1.3 | 90 |
| M765494 | | 1.12 | 15.55 | 0.18 | 4.8 | 0.032 | 3.37 | 50.9 | 16.4 | 0.07 | 293 | 2.26 | 2.58 | 14.9 | 1.1 | 90 |
| M765495 | | 1.24 | 15.90 | 0.23 | 5.1 | 0.035 | 3.44 | 52.6 | 20.1 | 0.08 | 282 | 2.77 | 2.56 | 14.8 | 1.3 | 90 |
| M765496 | | 1.19 | 15.60 | 0.20 | 5.3 | 0.038 | 3.36 | 46.6 | 11.7 | 0.07 | 291 | 2.35 | 2.58 | 14.9 | 1.2 | 90 |
| M765497 | | 1.20 | 14.60 | 0.21 | 5.2 | 0.032 | 3.33 | 48.5 | 13.0 | 0.07 | 327 | 1.81 | 2.57 | 14.5 | 1.3 | 80 |
| M765498 | | 1.16 | 15.60 | 0.22 | 5.4 | 0.031 | 3.35 | 51.6 | 10.4 | 0.08 | 275 | 1.70 | 2.65 | 15.5 | 1.2 | 80 |
| M765499 | | 1.14 | 15.55 | 0.22 | 5.6 | 0.024 | 3.40 | 55.3 | 10.8 | 0.07 | 284 | 1.57 | 2.68 | 16.3 | 1.1 | 90 |
| M765500 | | 1.18 | 15.65 | 0.20 | 5.7 | 0.031 | 3.31 | 51.0 | 13.2 | 0.08 | 293 | 2.12 | 2.55 | 16.6 | 1.1 | 80 |

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| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765461 | | 11.5 | 136.0 | 0.003 | 0.01 | 0.56 | 5.4 | 1 | 2.6 | 88.0 | 1.29 | <0.05 | 18.9 | 0.151 | 0.63 | 4.8 |
| M765462 | | 6.4 | 160.5 | <0.002 | <0.01 | 1.11 | 4.5 | 1 | 2.4 | 41.4 | 1.41 | <0.05 | 19.9 | 0.097 | 0.68 | 5.4 |
| M765463 | | 16.9 | 169.5 | <0.002 | 0.01 | 1.33 | 4.3 | 1 | 2.6 | 42.5 | 1.74 | <0.05 | 22.4 | 0.091 | 0.69 | 5.6 |
| M765464 | | 7.4 | 150.5 | <0.002 | <0.01 | 1.36 | 4.1 | 1 | 2.2 | 41.7 | 1.69 | <0.05 | 24.2 | 0.083 | 0.73 | 5.5 |
| M765465 | | 14.1 | 154.0 | <0.002 | 0.02 | 1.11 | 4.1 | 1 | 2.4 | 45.4 | 1.39 | <0.05 | 20.8 | 0.086 | 0.87 | 5.4 |
| M765466 | | 17.9 | 144.5 | 0.002 | 0.02 | 1.42 | 4.0 | 1 | 2.6 | 44.1 | 1.42 | <0.05 | 20.1 | 0.085 | 0.83 | 4.1 |
| M765467 | | 6.5 | 158.0 | <0.002 | 0.02 | 0.94 | 4.4 | 1 | 2.5 | 49.5 | 1.67 | <0.05 | 22.1 | 0.080 | 0.73 | 5.8 |
| M765468 | | 12.3 | 153.5 | 0.003 | 0.04 | 0.94 | 4.0 | 1 | 2.4 | 45.2 | 1.60 | <0.05 | 22.6 | 0.085 | 0.91 | 6.1 |
| M765469 | | 12.2 | 172.0 | 0.003 | 0.17 | 1.21 | 5.9 | 1 | 3.9 | 39.9 | 1.62 | <0.05 | 24.2 | 0.086 | 0.89 | 6.2 |
| M765470 | | 9.1 | 164.0 | <0.002 | 0.01 | 1.01 | 4.2 | 1 | 2.3 | 48.7 | 1.52 | <0.05 | 21.4 | 0.088 | 0.92 | 4.9 |
| M765471 | | 8.0 | 182.5 | 0.003 | 0.16 | 0.84 | 4.0 | 1 | 5.1 | 32.2 | 1.10 | <0.05 | 17.7 | 0.093 | 0.85 | 4.5 |
| M765472 | | 9.8 | 172.0 | <0.002 | 0.07 | 0.96 | 4.1 | 2 | 3.5 | 41.6 | 1.46 | <0.05 | 20.2 | 0.089 | 0.87 | 5.1 |
| M765473 | | 11.3 | 158.0 | <0.002 | 0.04 | 1.06 | 4.3 | 1 | 2.2 | 52.9 | 1.10 | <0.05 | 19.1 | 0.089 | 0.91 | 4.2 |
| M765474 | | 20.6 | 145.0 | <0.002 | 0.14 | 1.13 | 4.0 | 1 | 2.2 | 43.5 | 1.46 | <0.05 | 22.5 | 0.078 | 0.81 | 5.5 |
| M765475 | | 12.2 | 67.1 | <0.002 | <0.01 | 0.27 | 5.1 | 1 | 1.8 | 184.0 | 0.42 | <0.05 | 6.1 | 0.112 | 0.40 | 2.1 |
| M765476 | | 11.0 | 151.5 | 0.002 | 0.31 | 0.96 | 4.1 | 1 | 2.8 | 42.1 | 1.35 | <0.05 | 19.3 | 0.079 | 0.87 | 5.4 |
| M765477 | | 11.9 | 163.5 | <0.002 | 0.15 | 1.02 | 4.4 | 1 | 4.8 | 45.3 | 1.45 | <0.05 | 22.3 | 0.090 | 0.99 | 5.1 |
| M765478 | | 12.2 | 179.5 | 0.003 | 0.17 | 0.84 | 4.3 | 1 | 5.2 | 42.2 | 1.39 | <0.05 | 19.9 | 0.092 | 0.99 | 4.7 |
| M765479 | | 9.5 | 144.5 | 0.004 | 0.10 | 0.91 | 3.9 | 1 | 4.1 | 50.9 | 1.20 | <0.05 | 19.7 | 0.089 | 0.86 | 4.8 |
| M765480 | | 8.5 | 163.5 | 0.003 | 0.04 | 1.33 | 4.3 | 1 | 3.0 | 62.9 | 1.05 | <0.05 | 17.9 | 0.089 | 0.83 | 4.3 |
| M765481 | | 8.1 | 165.5 | <0.002 | <0.01 | 1.26 | 4.4 | 1 | 2.5 | 52.8 | 1.22 | <0.05 | 20.4 | 0.083 | 0.79 | 4.6 |
| M765482 | | 8.9 | 158.0 | 0.002 | <0.01 | 1.08 | 4.1 | 1 | 2.5 | 48.9 | 1.13 | <0.05 | 19.5 | 0.084 | 0.85 | 4.1 |
| M765483 | | 9.4 | 156.5 | <0.002 | 0.01 | 1.47 | 3.9 | 1 | 2.2 | 44.6 | 1.13 | <0.05 | 20.6 | 0.084 | 0.83 | 4.1 |
| M765484 | | 9.5 | 159.0 | <0.002 | 0.02 | 1.54 | 4.4 | 1 | 2.6 | 45.4 | 1.35 | <0.05 | 21.4 | 0.079 | 0.86 | 4.6 |
| M765485 | | 7.8 | 153.0 | 0.002 | 0.04 | 0.84 | 4.0 | 1 | 2.5 | 45.4 | 1.35 | <0.05 | 21.4 | 0.081 | 0.88 | 5.0 |
| M765486 | | 8.0 | 171.0 | 0.002 | 0.04 | 0.85 | 4.1 | 1 | 2.8 | 53.8 | 1.41 | 0.05 | 21.2 | 0.086 | 0.98 | 4.4 |
| M765487 | | 12.8 | 157.0 | <0.002 | 1.00 | 0.60 | 4.2 | 1 | 4.4 | 45.3 | 1.27 | <0.05 | 21.0 | 0.087 | 0.81 | 5.1 |
| M765488 | | 51.8 | 181.5 | 0.004 | 0.56 | 1.29 | 3.9 | 1 | 3.8 | 34.2 | 1.14 | <0.05 | 18.0 | 0.085 | 0.93 | 5.0 |
| M765489 | | 22.6 | 163.5 | 0.003 | 0.59 | 0.93 | 3.7 | 1 | 2.8 | 35.7 | 0.99 | <0.05 | 16.8 | 0.083 | 0.95 | 4.5 |
| M765490 | | 16.5 | 167.5 | 0.004 | 0.46 | 0.86 | 4.6 | 1 | 3.3 | 42.6 | 1.39 | <0.05 | 20.5 | 0.088 | 0.94 | 4.8 |
| M765491 | | 14.0 | 166.0 | <0.002 | 0.16 | 0.88 | 4.2 | 1 | 2.8 | 44.8 | 1.48 | <0.05 | 20.7 | 0.089 | 0.90 | 5.1 |
| M765492 | | 14.5 | 155.0 | <0.002 | 0.18 | 0.77 | 4.0 | 1 | 2.8 | 46.4 | 1.38 | <0.05 | 20.6 | 0.085 | 0.92 | 5.3 |
| M765493 | | 22.9 | 164.0 | <0.002 | 0.30 | 0.81 | 4.1 | 1 | 3.0 | 43.2 | 1.34 | <0.05 | 21.4 | 0.082 | 0.98 | 6.0 |
| M765494 | | 10.3 | 160.0 | <0.002 | 0.07 | 0.72 | 4.2 | 1 | 2.8 | 47.3 | 1.27 | <0.05 | 19.8 | 0.078 | 0.88 | 4.1 |
| M765495 | | 17.5 | 170.5 | 0.005 | 0.14 | 0.76 | 4.2 | 1 | 3.1 | 46.7 | 1.30 | <0.05 | 19.9 | 0.088 | 0.94 | 5.5 |
| M765496 | | 7.5 | 174.0 | <0.002 | 0.01 | 0.64 | 4.1 | 1 | 2.9 | 42.6 | 1.29 | <0.05 | 20.8 | 0.081 | 0.94 | 4.8 |
| M765497 | | 9.3 | 174.5 | <0.002 | 0.01 | 0.73 | 4.1 | 1 | 3.1 | 40.0 | 1.34 | <0.05 | 19.6 | 0.083 | 0.89 | 5.1 |
| M765498 | | 8.2 | 177.0 | 0.003 | <0.01 | 1.10 | 4.3 | 1 | 2.6 | 42.4 | 1.45 | <0.05 | 20.9 | 0.083 | 0.86 | 5.1 |
| M765499 | | 10.6 | 172.5 | 0.002 | <0.01 | 1.13 | 4.0 | 1 | 2.3 | 44.4 | 1.51 | <0.05 | 22.5 | 0.078 | 0.79 | 4.5 |
| M765500 | | 20.9 | 175.5 | 0.003 | 0.02 | 1.24 | 4.4 | 1 | 2.6 | 41.7 | 1.51 | <0.05 | 21.9 | 0.079 | 0.92 | 4.9 |

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 |
|---|---|---|---|---|---|---|
| M765461 | | 14 | 1.6 | 28.5 | 33 | 192.0 |
| M765462 | | 6 | 1.5 | 31.4 | 26 | 159.5 |
| M765463 | | 4 | 2.0 | 33.4 | 29 | 171.0 |
| M765464 | | 4 | 1.9 | 24.7 | 21 | 174.0 |
| M765465 | | 4 | 2.0 | 21.7 | 25 | 156.5 |
| M765466 | | 5 | 2.4 | 21.1 | 28 | 160.0 |
| M765467 | | 4 | 1.8 | 24.2 | 19 | 166.5 |
| M765468 | | 4 | 2.2 | 25.8 | 33 | 155.5 |
| M765469 | | 5 | 3.9 | 23.5 | 36 | 185.0 |
| M765470 | | 4 | 2.2 | 24.0 | 31 | 177.0 |
| M765471 | | 5 | 5.7 | 20.0 | 32 | 159.0 |
| M765472 | | 4 | 3.8 | 22.4 | 31 | 156.5 |
| M765473 | | 5 | 2.1 | 19.4 | 33 | 164.5 |
| M765474 | | 4 | 2.5 | 19.1 | 21 | 173.5 |
| M765475 | | 14 | 0.9 | 16.5 | 44 | 27.6 |
| M765476 | | 4 | 3.4 | 18.2 | 20 | 155.0 |
| M765477 | | 5 | 3.9 | 22.7 | 29 | 162.5 |
| M765478 | | 5 | 3.5 | 24.2 | 36 | 167.5 |
| M765479 | | 4 | 2.4 | 25.8 | 27 | 156.5 |
| M765480 | | 4 | 1.4 | 21.7 | 27 | 153.5 |
| M765481 | | 4 | 1.4 | 21.3 | 27 | 168.0 |
| M765482 | | 4 | 1.4 | 19.2 | 23 | 162.5 |
| M765483 | | 5 | 1.5 | 19.9 | 23 | 162.0 |
| M765484 | | 4 | 1.6 | 21.2 | 21 | 173.5 |
| M765485 | | 4 | 1.4 | 19.7 | 16 | 167.5 |
| M765486 | | 4 | 1.4 | 22.6 | 20 | 171.0 |
| M765487 | | 4 | 5.2 | 28.0 | 12 | 166.0 |
| M765488 | | 4 | 5.6 | 23.0 | 29 | 142.5 |
| M765489 | | 4 | 5.5 | 16.3 | 26 | 137.5 |
| M765490 | | 4 | 4.5 | 18.2 | 24 | 159.5 |
| M765491 | | 4 | 1.7 | 19.8 | 33 | 155.5 |
| M765492 | | 4 | 2.2 | 20.7 | 27 | 158.0 |
| M765493 | | 4 | 3.0 | 20.2 | 39 | 152.0 |
| M765494 | | 4 | 2.0 | 20.5 | 25 | 140.5 |
| M765495 | | 4 | 3.8 | 21.1 | 38 | 161.5 |
| M765496 | | 4 | 4.4 | 20.3 | 21 | 163.5 |
| M765497 | | 4 | 3.9 | 21.3 | 25 | 160.0 |
| M765498 | | 4 | 3.4 | 21.5 | 26 | 162.5 |
| M765499 | | 4 | 2.6 | 23.4 | 23 | 165.5 |
| M765500 | | 4 | 2.5 | 24.2 | 32 | 179.5 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765501 | | 2.08 | <0.005 | 0.07 | 5.98 | 12.6 | 560 | 1.94 | 0.19 | 0.44 | 0.03 | 96.5 | 0.9 | 7 | 2.08 | 2.6 |
| M765502 | | 1.95 | 0.039 | 0.06 | 5.97 | 13.1 | 410 | 2.10 | 0.14 | 0.45 | 0.09 | 83.0 | 0.7 | 4 | 2.48 | 3.3 |
| M765503 | | 1.83 | <0.005 | 0.11 | 6.13 | 25.3 | 600 | 1.77 | 0.12 | 0.51 | 0.34 | 107.0 | 1.1 | 6 | 2.85 | 7.9 |
| M765504 | | 1.86 | 0.015 | 0.06 | 6.06 | 12.6 | 640 | 2.11 | 0.10 | 0.51 | 0.10 | 104.0 | 1.9 | 4 | 3.34 | 4.1 |
| M765505 | | 1.87 | <0.005 | 0.05 | 6.22 | 16.5 | 600 | 1.93 | 0.12 | 0.59 | 0.06 | 97.0 | 1.4 | 5 | 3.13 | 2.8 |
| M765506 | | 1.95 | <0.005 | 0.09 | 6.30 | 31.3 | 600 | 1.68 | 0.17 | 0.53 | 0.29 | 95.7 | 1.0 | 4 | 2.23 | 8.3 |
| M765507 | | 1.89 | 0.012 | 0.19 | 6.32 | 59.1 | 610 | 1.97 | 0.14 | 0.47 | 0.63 | 94.8 | 0.9 | 5 | 2.37 | 10.2 |
| M765508 | | 1.85 | <0.005 | 0.14 | 6.40 | 20.2 | 610 | 1.99 | 0.17 | 0.44 | 0.03 | 98.1 | 1.0 | 6 | 2.63 | 2.9 |
| M765509 | | 1.84 | <0.005 | 0.18 | 6.28 | 20.6 | 600 | 1.80 | 0.15 | 0.48 | 0.18 | 91.9 | 1.0 | 8 | 2.39 | 7.3 |
| M765510 | | 1.85 | <0.005 | 0.15 | 6.19 | 22.1 | 630 | 1.75 | 0.18 | 0.44 | 0.04 | 104.0 | 1.2 | 7 | 2.85 | 3.5 |
| M765511 | | 1.91 | <0.005 | 0.13 | 6.22 | 28.5 | 630 | 1.81 | 0.18 | 0.45 | 0.09 | 98.5 | 1.0 | 10 | 2.76 | 2.9 |
| M765512 | | 1.98 | <0.005 | 0.09 | 6.16 | 21.9 | 580 | 1.74 | 0.15 | 0.45 | 0.08 | 99.6 | 1.1 | 8 | 2.52 | 4.7 |
| M765513 | | 1.80 | <0.005 | 0.10 | 6.09 | 13.5 | 580 | 1.78 | 0.10 | 0.48 | 0.08 | 91.0 | 0.9 | 13 | 2.26 | 5.5 |
| M765514 | | 1.94 | <0.005 | 0.05 | 6.48 | 13.2 | 670 | 2.01 | 0.11 | 0.50 | <0.02 | 103.0 | 1.1 | 15 | 2.87 | 2.1 |
| M765515 | | 1.78 | 0.033 | 0.15 | 6.43 | 21.7 | 660 | 2.05 | 0.12 | 0.51 | 0.11 | 105.0 | 1.2 | 7 | 2.99 | 3.7 |
| M765516 | | 1.91 | <0.005 | 0.08 | 6.26 | 12.4 | 650 | 1.76 | 0.11 | 0.53 | 0.02 | 101.5 | 0.9 | 6 | 2.55 | 1.6 |
| M765517 | | 2.03 | <0.005 | 0.07 | 6.15 | 18.8 | 690 | 1.92 | 0.09 | 0.80 | 0.04 | 105.0 | 2.3 | 9 | 3.17 | 4.7 |
| M765518 | | 2.04 | 0.005 | 0.06 | 6.34 | 25.5 | 610 | 1.96 | 0.09 | 0.63 | 0.05 | 92.5 | 1.4 | 7 | 2.57 | 3.1 |
| M765519 | | 1.85 | <0.005 | 0.08 | 6.35 | 23.3 | 620 | 2.19 | 0.10 | 0.67 | 0.02 | 94.6 | 2.0 | 8 | 2.71 | 4.2 |
| M765520 | | 1.81 | <0.005 | 0.16 | 6.39 | 46.4 | 640 | 1.99 | 0.20 | 0.67 | 0.16 | 104.5 | 2.4 | 8 | 2.14 | 19.1 |
| M765521 | | 0.59 | <0.005 | 0.14 | 6.46 | 50.4 | 370 | 3.11 | 0.17 | 0.97 | 0.10 | 68.4 | 2.2 | 6 | 1.88 | 16.6 |
| M765522 | | 1.52 | <0.005 | 0.11 | 6.27 | 24.0 | 590 | 1.88 | 0.10 | 0.54 | 0.03 | 91.0 | 1.1 | 9 | 1.94 | 4.1 |
| M765523 | | 1.29 | <0.005 | 0.08 | 6.35 | 13.5 | 620 | 1.96 | 0.09 | 0.51 | 0.05 | 99.7 | 0.9 | 10 | 2.45 | 3.9 |
| M765524 | | 1.28 | 0.005 | 0.13 | 6.38 | 50.1 | 650 | 2.11 | 0.17 | 0.70 | 0.07 | 95.9 | 0.9 | 7 | 1.66 | 22.1 |
| M765525 | | 0.02 | 0.885 | 0.81 | 8.80 | 3.6 | 100 | 2.22 | 0.63 | 0.99 | 0.14 | 16.45 | 8.9 | 28 | 21.9 | 13.4 |
| M765526 | | 1.39 | <0.005 | 0.14 | 6.48 | 109.5 | 620 | 2.22 | 0.13 | 0.58 | 0.05 | 101.5 | 0.9 | 6 | 1.59 | 14.1 |
| M765527 | | 2.04 | <0.005 | 0.10 | 6.39 | 23.5 | 610 | 1.99 | 0.09 | 0.52 | 0.05 | 89.2 | 1.0 | 7 | 1.79 | 2.2 |
| M765528 | | 1.95 | <0.005 | 0.16 | 6.52 | 23.5 | 660 | 2.15 | 0.10 | 0.54 | 0.04 | 110.5 | 1.1 | 6 | 2.00 | 3.0 |
| M765529 | | 2.07 | <0.005 | 0.09 | 6.41 | 13.0 | 670 | 2.01 | 0.11 | 0.54 | 0.05 | 104.0 | 1.3 | 7 | 1.84 | 2.4 |
| M765530 | | 1.88 | <0.005 | 0.06 | 6.40 | 11.8 | 660 | 1.74 | 0.14 | 0.53 | 0.05 | 103.0 | 1.2 | 10 | 1.97 | 2.6 |
| M765531 | | 2.10 | <0.005 | 0.06 | 6.31 | 16.6 | 680 | 1.47 | 0.11 | 0.56 | 0.13 | 110.5 | 1.3 | 7 | 2.38 | 2.4 |
| M765532 | | 2.00 | <0.005 | 0.06 | 6.36 | 25.0 | 770 | 1.54 | 0.13 | 0.51 | 0.12 | 107.5 | 2.8 | 10 | 2.32 | 7.4 |
| M765533 | | 1.32 | <0.005 | 0.12 | 6.34 | 35.7 | 600 | 1.84 | 0.10 | 0.60 | 0.07 | 101.0 | 1.4 | 6 | 2.02 | 3.4 |
| M765534 | | 1.12 | 0.010 | 0.15 | 6.64 | 17.4 | 640 | 2.06 | 0.15 | 0.60 | 0.33 | 102.5 | 1.6 | 5 | 2.40 | 10.9 |
| M765535 | | 0.60 | 0.006 | 0.03 | 6.35 | 6.3 | 310 | 3.07 | 0.14 | 0.45 | <0.02 | 61.9 | 0.7 | 7 | 1.27 | 4.2 |
| M765536 | | 1.03 | 0.035 | 0.08 | 6.41 | 17.6 | 630 | 1.85 | 0.10 | 0.74 | 0.11 | 95.8 | 2.9 | 8 | 2.53 | 22.7 |
| M765537 | | 2.16 | <0.005 | 0.07 | 6.29 | 11.7 | 610 | 1.88 | 0.16 | 0.51 | 0.03 | 104.0 | 1.2 | 6 | 1.85 | 2.2 |
| M765538 | | 2.09 | <0.005 | 0.07 | 6.31 | 19.6 | 650 | 1.92 | 0.14 | 0.53 | 0.04 | 132.5 | 1.2 | 11 | 2.17 | 3.1 |
| M765539 | | 1.99 | 0.044 | 0.13 | 6.35 | 43.0 | 650 | 1.61 | 0.18 | 0.57 | 0.26 | 92.6 | 1.3 | 11 | 2.01 | 10.7 |
| M765540 | | 2.19 | <0.005 | 0.04 | 6.18 | 10.1 | 620 | 1.80 | 0.17 | 0.54 | 0.02 | 96.3 | 1.0 | 7 | 1.64 | 1.7 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765501 | | 1.15 | 15.25 | 0.17 | 5.1 | 0.028 | 3.30 | 47.8 | 11.0 | 0.08 | 248 | 1.81 | 2.61 | 15.0 | 1.2 | 80 |
| M765502 | | 1.01 | 16.05 | 0.19 | 5.5 | 0.027 | 3.26 | 39.1 | 12.4 | 0.06 | 246 | 4.26 | 2.60 | 17.6 | 0.9 | 60 |
| M765503 | | 1.14 | 16.10 | 0.24 | 5.5 | 0.043 | 3.37 | 53.9 | 19.8 | 0.07 | 282 | 3.44 | 2.60 | 16.0 | 1.2 | 80 |
| M765504 | | 1.34 | 16.10 | 0.20 | 5.5 | 0.034 | 3.30 | 52.9 | 19.6 | 0.07 | 274 | 2.78 | 2.51 | 15.8 | 1.3 | 80 |
| M765505 | | 1.21 | 15.90 | 0.23 | 5.7 | 0.039 | 3.24 | 49.3 | 16.5 | 0.08 | 293 | 4.47 | 2.66 | 16.7 | 1.2 | 80 |
| M765506 | | 1.18 | 14.95 | 0.25 | 5.2 | 0.035 | 3.51 | 47.8 | 13.0 | 0.07 | 291 | 4.34 | 2.72 | 16.4 | 1.0 | 90 |
| M765507 | | 1.19 | 15.85 | 0.23 | 5.6 | 0.031 | 3.57 | 47.5 | 13.9 | 0.08 | 262 | 3.66 | 2.77 | 16.9 | 1.2 | 80 |
| M765508 | | 1.18 | 15.25 | 0.22 | 5.9 | 0.033 | 3.56 | 50.8 | 8.5 | 0.08 | 262 | 2.59 | 2.83 | 16.1 | 1.0 | 90 |
| M765509 | | 1.25 | 15.55 | 0.16 | 5.5 | 0.034 | 3.50 | 47.3 | 9.1 | 0.08 | 304 | 2.69 | 2.74 | 15.9 | 2.3 | 90 |
| M765510 | | 1.18 | 16.55 | 0.18 | 4.8 | 0.039 | 3.46 | 51.9 | 10.5 | 0.08 | 272 | 2.85 | 2.70 | 15.0 | 1.5 | 90 |
| M765511 | | 1.24 | 16.15 | 0.20 | 4.8 | 0.039 | 3.50 | 48.9 | 10.8 | 0.09 | 311 | 2.52 | 2.73 | 14.4 | 1.6 | 90 |
| M765512 | | 1.17 | 16.40 | 0.18 | 4.9 | 0.034 | 3.50 | 48.6 | 9.4 | 0.08 | 268 | 2.89 | 2.74 | 15.8 | 1.3 | 90 |
| M765513 | | 1.12 | 15.95 | 0.18 | 4.7 | 0.029 | 3.39 | 45.9 | 10.2 | 0.07 | 280 | 2.79 | 2.67 | 15.4 | 1.2 | 80 |
| M765514 | | 1.24 | 16.45 | 0.20 | 5.7 | 0.029 | 3.58 | 51.9 | 11.8 | 0.09 | 267 | 2.91 | 2.84 | 15.8 | 1.4 | 100 |
| M765515 | | 1.19 | 16.95 | 0.19 | 5.9 | 0.034 | 3.49 | 52.5 | 12.5 | 0.09 | 264 | 3.36 | 2.80 | 16.8 | 1.2 | 90 |
| M765516 | | 1.18 | 15.70 | 0.19 | 5.7 | 0.029 | 3.42 | 49.8 | 13.1 | 0.08 | 275 | 2.44 | 2.74 | 14.3 | 1.2 | 90 |
| M765517 | | 1.33 | 15.75 | 0.19 | 5.1 | 0.024 | 3.06 | 48.3 | 19.7 | 0.07 | 326 | 2.47 | 2.47 | 14.1 | 1.1 | 90 |
| M765518 | | 1.26 | 16.10 | 0.17 | 5.5 | 0.019 | 3.41 | 44.9 | 16.3 | 0.07 | 293 | 2.19 | 2.62 | 15.4 | 1.2 | 90 |
| M765519 | | 1.50 | 16.60 | 0.20 | 5.9 | 0.032 | 3.53 | 46.6 | 15.6 | 0.07 | 330 | 2.50 | 2.57 | 16.8 | 1.1 | 80 |
| M765520 | | 1.27 | 16.35 | 0.20 | 5.4 | 0.027 | 3.60 | 51.1 | 14.8 | 0.06 | 306 | 2.50 | 2.51 | 17.1 | 1.3 | 80 |
| M765521 | | 1.73 | 19.40 | 0.15 | 7.6 | 0.043 | 2.41 | 26.7 | 17.8 | 0.07 | 430 | 2.23 | 2.90 | 27.4 | 0.6 | 10 |
| M765522 | | 1.14 | 15.95 | 0.17 | 5.4 | 0.027 | 3.46 | 44.0 | 11.8 | 0.07 | 270 | 2.99 | 2.66 | 15.5 | 1.2 | 80 |
| M765523 | | 1.21 | 16.55 | 0.18 | 5.8 | 0.021 | 3.62 | 46.9 | 11.5 | 0.07 | 263 | 2.33 | 2.69 | 16.3 | 1.0 | 80 |
| M765524 | | 1.18 | 15.55 | 0.20 | 5.5 | 0.041 | 3.49 | 48.2 | 15.3 | 0.07 | 251 | 2.62 | 2.56 | 16.5 | 1.0 | 90 |
| M765525 | | 4.12 | 19.70 | 0.14 | 1.4 | 0.018 | 2.62 | 8.0 | 5.2 | 0.93 | 253 | 1.05 | 5.24 | 9.7 | 33.3 | 690 |
| M765526 | | 1.18 | 16.60 | 0.20 | 5.2 | 0.029 | 3.60 | 46.8 | 9.9 | 0.07 | 238 | 2.58 | 2.69 | 16.9 | 1.0 | 80 |
| M765527 | | 1.17 | 15.90 | 0.19 | 5.3 | 0.027 | 3.58 | 44.2 | 9.5 | 0.07 | 244 | 2.63 | 2.76 | 15.1 | 1.2 | 80 |
| M765528 | | 1.22 | 16.75 | 0.19 | 5.6 | 0.036 | 3.53 | 54.5 | 12.3 | 0.08 | 264 | 2.55 | 2.83 | 16.9 | 1.1 | 90 |
| M765529 | | 1.25 | 15.95 | 0.20 | 5.6 | 0.034 | 3.55 | 50.8 | 10.8 | 0.08 | 269 | 2.34 | 2.70 | 16.7 | 1.2 | 90 |
| M765530 | | 1.24 | 16.25 | 0.18 | 4.8 | 0.049 | 3.52 | 52.1 | 12.1 | 0.08 | 284 | 2.88 | 2.75 | 13.0 | 1.3 | 90 |
| M765531 | | 1.29 | 15.75 | 0.20 | 4.6 | 0.033 | 3.44 | 56.4 | 14.8 | 0.08 | 313 | 2.99 | 2.62 | 12.3 | 1.3 | 100 |
| M765532 | | 1.57 | 15.75 | 0.22 | 5.3 | 0.054 | 3.70 | 56.1 | 32.1 | 0.10 | 348 | 2.65 | 2.16 | 13.6 | 1.1 | 100 |
| M765533 | | 1.30 | 15.90 | 0.18 | 5.8 | 0.030 | 3.41 | 51.3 | 17.2 | 0.08 | 349 | 2.51 | 2.60 | 15.7 | 1.2 | 80 |
| M765534 | | 1.39 | 17.30 | 0.19 | 5.3 | 0.046 | 3.57 | 50.0 | 23.5 | 0.08 | 368 | 3.13 | 2.66 | 16.2 | 1.0 | 90 |
| M765535 | | 1.00 | 18.40 | 0.18 | 8.8 | 0.029 | 3.24 | 24.1 | 6.9 | 0.03 | 265 | 2.42 | 3.02 | 34.7 | 0.7 | 20 |
| M765536 | | 1.58 | 15.75 | 0.20 | 5.2 | 0.040 | 3.12 | 45.9 | 20.2 | 0.08 | 421 | 3.60 | 2.56 | 15.4 | 1.2 | 90 |
| M765537 | | 1.21 | 16.05 | 0.18 | 4.6 | 0.036 | 3.56 | 49.2 | 12.4 | 0.08 | 294 | 2.61 | 2.63 | 14.5 | 1.2 | 80 |
| M765538 | | 1.27 | 16.25 | 0.22 | 5.0 | 0.031 | 3.49 | 68.1 | 15.6 | 0.08 | 293 | 1.94 | 2.59 | 14.6 | 1.2 | 90 |
| M765539 | | 1.23 | 15.60 | 0.21 | 5.3 | 0.033 | 3.51 | 47.5 | 16.6 | 0.08 | 289 | 3.05 | 2.61 | 15.0 | 1.3 | 90 |
| M765540 | | 1.15 | 15.80 | 0.20 | 5.5 | 0.033 | 3.41 | 46.2 | 12.4 | 0.07 | 273 | 1.89 | 2.64 | 14.6 | 0.9 | 80 |

***** See Appendix Page for comments regarding this certificate *****

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

To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765501 | | 10.8 | 175.0 | <0.002 | <0.01 | 0.69 | 3.9 | 1 | 2.1 | 39.8 | 1.26 | <0.05 | 20.0 | 0.082 | 0.79 | 4.4 |
| M765502 | | 19.6 | 193.5 | 0.005 | 0.02 | 0.53 | 3.7 | 1 | 3.2 | 33.6 | 1.85 | <0.05 | 25.9 | 0.066 | 1.01 | 5.8 |
| M765503 | | 39.4 | 190.5 | 0.002 | 0.05 | 0.57 | 4.2 | 1 | 2.8 | 46.9 | 1.38 | <0.05 | 20.7 | 0.084 | 0.97 | 6.0 |
| M765504 | | 12.3 | 182.5 | 0.004 | 0.01 | 0.46 | 4.1 | 1 | 3.3 | 46.2 | 1.43 | <0.05 | 21.6 | 0.087 | 0.97 | 4.7 |
| M765505 | | 9.1 | 186.0 | <0.002 | <0.01 | 0.63 | 4.2 | 1 | 3.3 | 41.6 | 1.41 | <0.05 | 21.6 | 0.082 | 0.95 | 5.3 |
| M765506 | | 38.8 | 179.0 | <0.002 | 0.04 | 0.91 | 3.8 | 1 | 2.9 | 39.2 | 1.56 | <0.05 | 22.3 | 0.088 | 0.99 | 5.8 |
| M765507 | | 77.2 | 186.5 | 0.002 | 0.05 | 1.35 | 4.0 | 2 | 2.8 | 38.1 | 1.59 | <0.05 | 23.4 | 0.087 | 0.89 | 5.6 |
| M765508 | | 13.5 | 186.0 | 0.002 | <0.01 | 0.83 | 3.8 | 1 | 3.0 | 40.1 | 1.37 | <0.05 | 23.0 | 0.086 | 0.96 | 4.8 |
| M765509 | | 49.7 | 166.0 | <0.002 | <0.01 | 1.10 | 3.8 | 1 | 2.8 | 36.6 | 1.51 | <0.05 | 22.2 | 0.088 | 0.90 | 5.4 |
| M765510 | | 15.0 | 167.5 | <0.002 | <0.01 | 0.81 | 4.0 | 1 | 3.0 | 41.1 | 1.23 | <0.05 | 18.1 | 0.088 | 0.91 | 3.9 |
| M765511 | | 23.4 | 166.0 | <0.002 | 0.01 | 1.01 | 4.1 | 1 | 2.8 | 41.1 | 1.17 | <0.05 | 17.4 | 0.092 | 0.89 | 4.3 |
| M765512 | | 28.8 | 168.0 | <0.002 | <0.01 | 0.86 | 4.0 | 1 | 2.8 | 37.8 | 1.36 | <0.05 | 19.4 | 0.088 | 0.93 | 4.5 |
| M765513 | | 26.9 | 157.5 | <0.002 | 0.01 | 0.72 | 3.8 | 1 | 2.6 | 36.0 | 1.39 | <0.05 | 19.2 | 0.084 | 0.86 | 4.6 |
| M765514 | | 14.4 | 164.0 | <0.002 | <0.01 | 0.60 | 4.1 | 1 | 2.7 | 47.0 | 1.48 | <0.05 | 21.9 | 0.094 | 0.93 | 4.8 |
| M765515 | | 31.3 | 162.5 | <0.002 | 0.01 | 0.72 | 4.3 | 1 | 2.4 | 48.0 | 1.51 | <0.05 | 20.9 | 0.091 | 0.86 | 6.2 |
| M765516 | | 13.8 | 147.0 | <0.002 | <0.01 | 0.67 | 3.9 | 1 | 2.2 | 45.9 | 1.29 | <0.05 | 19.5 | 0.091 | 0.80 | 4.4 |
| M765517 | | 19.4 | 145.0 | <0.002 | 0.03 | 0.98 | 4.1 | 2 | 2.9 | 59.8 | 1.15 | <0.05 | 19.4 | 0.086 | 0.79 | 4.6 |
| M765518 | | 16.9 | 148.5 | <0.002 | 0.02 | 1.38 | 3.9 | 1 | 2.4 | 60.7 | 1.41 | <0.05 | 20.8 | 0.081 | 0.89 | 5.2 |
| M765519 | | 13.1 | 153.5 | <0.002 | 0.04 | 1.34 | 3.9 | 1 | 3.7 | 58.5 | 1.52 | <0.05 | 21.7 | 0.086 | 0.90 | 5.3 |
| M765520 | | 51.1 | 163.0 | <0.002 | 0.12 | 1.72 | 3.8 | 1 | 2.9 | 60.9 | 1.51 | <0.05 | 22.3 | 0.081 | 0.98 | 5.8 |
| M765521 | | 29.0 | 109.0 | <0.002 | 0.12 | 1.33 | 5.0 | 2 | 4.1 | 56.8 | 2.35 | <0.05 | 40.3 | 0.041 | 0.63 | 9.9 |
| M765522 | | 10.2 | 147.5 | <0.002 | 0.03 | 1.38 | 3.8 | 1 | 2.3 | 51.9 | 1.37 | <0.05 | 20.4 | 0.079 | 0.89 | 5.4 |
| M765523 | | 17.2 | 171.5 | <0.002 | 0.02 | 1.17 | 3.8 | 1 | 2.1 | 45.0 | 1.53 | <0.05 | 21.9 | 0.081 | 0.99 | 5.3 |
| M765524 | | 25.9 | 150.5 | <0.002 | 0.10 | 1.47 | 3.8 | 1 | 3.0 | 52.1 | 1.58 | <0.05 | 21.8 | 0.081 | 0.88 | 5.5 |
| M765525 | | 81.5 | 620 | <0.002 | 3.11 | 1.52 | 3.2 | 1 | 1.2 | 176.5 | 0.71 | <0.05 | 2.4 | 0.225 | 6.68 | 1.2 |
| M765526 | | 13.2 | 159.0 | <0.002 | 0.05 | 2.28 | 3.5 | 2 | 2.2 | 51.3 | 1.55 | <0.05 | 22.2 | 0.077 | 0.86 | 5.1 |
| M765527 | | 12.3 | 158.0 | <0.002 | 0.01 | 2.11 | 3.6 | 1 | 2.1 | 44.8 | 1.42 | <0.05 | 20.4 | 0.076 | 0.90 | 5.0 |
| M765528 | | 15.0 | 158.0 | <0.002 | 0.01 | 2.24 | 4.1 | 1 | 2.5 | 54.8 | 1.61 | <0.05 | 21.8 | 0.087 | 0.92 | 5.1 |
| M765529 | | 23.8 | 156.5 | <0.002 | 0.01 | 1.89 | 3.9 | 1 | 2.4 | 46.3 | 1.64 | <0.05 | 20.6 | 0.090 | 0.89 | 5.1 |
| M765530 | | 11.3 | 153.0 | <0.002 | <0.01 | 1.31 | 4.2 | 1 | 3.1 | 48.5 | 1.11 | <0.05 | 16.7 | 0.090 | 0.84 | 4.0 |
| M765531 | | 25.9 | 156.5 | <0.002 | 0.02 | 1.09 | 3.9 | 1 | 2.9 | 54.0 | 0.95 | <0.05 | 15.2 | 0.092 | 0.91 | 3.4 |
| M765532 | | 21.4 | 173.0 | <0.002 | 0.22 | 1.04 | 3.6 | 1 | 3.4 | 47.2 | 1.07 | <0.05 | 17.5 | 0.091 | 0.99 | 3.9 |
| M765533 | | 8.3 | 150.5 | <0.002 | 0.05 | 0.78 | 4.0 | 1 | 3.1 | 45.1 | 1.49 | <0.05 | 21.1 | 0.080 | 0.94 | 4.8 |
| M765534 | | 79.9 | 166.0 | <0.002 | 0.13 | 0.88 | 4.4 | 1 | 3.3 | 48.6 | 1.46 | <0.05 | 19.3 | 0.089 | 0.96 | 4.7 |
| M765535 | | 8.1 | 130.5 | <0.002 | 0.03 | 0.68 | 3.1 | 2 | 3.8 | 36.6 | 3.46 | <0.05 | 43.3 | 0.039 | 0.76 | 11.3 |
| M765536 | | 33.2 | 153.5 | <0.002 | 0.18 | 0.71 | 3.8 | 1 | 3.4 | 39.6 | 1.34 | <0.05 | 18.2 | 0.086 | 0.85 | 4.7 |
| M765537 | | 7.6 | 157.5 | <0.002 | <0.01 | 0.66 | 4.0 | 1 | 2.6 | 50.1 | 1.29 | <0.05 | 18.2 | 0.084 | 0.85 | 4.5 |
| M765538 | | 10.7 | 157.5 | <0.002 | 0.01 | 0.69 | 4.7 | 1 | 2.6 | 46.8 | 1.24 | <0.05 | 21.6 | 0.084 | 0.88 | 4.4 |
| M765539 | | 35.9 | 156.5 | <0.002 | 0.08 | 0.77 | 4.0 | 1 | 2.4 | 45.6 | 1.35 | <0.05 | 18.3 | 0.087 | 0.92 | 5.1 |
| M765540 | | 7.3 | 148.5 | <0.002 | 0.01 | 0.57 | 3.8 | 1 | 2.2 | 44.6 | 1.34 | <0.05 | 18.8 | 0.081 | 0.85 | 4.6 |

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 |
|---|---|---|---|---|---|---|
| M765501 | | 4 | 2.4 | 27.4 | 25 | 157.5 |
| M765502 | | 3 | 3.4 | 28.9 | 44 | 141.5 |
| M765503 | | 4 | 2.9 | 22.8 | 106 | 162.5 |
| M765504 | | 4 | 3.0 | 23.2 | 37 | 167.0 |
| M765505 | | 4 | 3.1 | 22.7 | 26 | 171.0 |
| M765506 | | 4 | 3.0 | 22.3 | 84 | 159.5 |
| M765507 | | 4 | 2.7 | 29.7 | 149 | 170.0 |
| M765508 | | 4 | 2.8 | 32.7 | 40 | 178.5 |
| M765509 | | 4 | 2.7 | 31.8 | 53 | 160.5 |
| M765510 | | 4 | 2.4 | 31.8 | 39 | 152.5 |
| M765511 | | 4 | 2.3 | 32.5 | 46 | 159.0 |
| M765512 | | 4 | 2.7 | 32.9 | 39 | 145.5 |
| M765513 | | 4 | 2.5 | 29.6 | 38 | 141.0 |
| M765514 | | 4 | 2.4 | 34.3 | 31 | 173.0 |
| M765515 | | 4 | 2.4 | 33.4 | 47 | 176.0 |
| M765516 | | 4 | 2.3 | 27.4 | 28 | 174.0 |
| M765517 | | 4 | 3.3 | 24.8 | 29 | 169.5 |
| M765518 | | 4 | 2.6 | 22.4 | 28 | 168.5 |
| M765519 | | 4 | 2.9 | 25.8 | 30 | 175.5 |
| M765520 | | 3 | 2.0 | 28.5 | 70 | 159.0 |
| M765521 | | 3 | 3.8 | 43.3 | 46 | 164.5 |
| M765522 | | 4 | 2.5 | 24.6 | 25 | 166.5 |
| M765523 | | 4 | 2.2 | 27.1 | 33 | 162.0 |
| M765524 | | 4 | 2.3 | 28.7 | 37 | 155.5 |
| M765525 | | 28 | 0.3 | 5.2 | 39 | 48.7 |
| M765526 | | 3 | 2.1 | 26.9 | 29 | 156.0 |
| M765527 | | 4 | 2.3 | 21.2 | 32 | 153.0 |
| M765528 | | 4 | 2.7 | 24.3 | 39 | 159.0 |
| M765529 | | 4 | 2.4 | 23.1 | 40 | 161.0 |
| M765530 | | 4 | 2.2 | 18.6 | 37 | 158.0 |
| M765531 | | 4 | 1.7 | 17.3 | 52 | 158.5 |
| M765532 | | 4 | 2.9 | 20.2 | 65 | 170.5 |
| M765533 | | 4 | 2.6 | 24.6 | 25 | 169.5 |
| M765534 | | 4 | 2.9 | 24.4 | 138 | 160.0 |
| M765535 | | 1 | 3.1 | 48.1 | 12 | 188.5 |
| M765536 | | 4 | 2.9 | 24.4 | 59 | 149.5 |
| M765537 | | 4 | 2.6 | 19.9 | 29 | 140.0 |
| M765538 | | 4 | 2.0 | 21.6 | 33 | 153.0 |
| M765539 | | 4 | 2.0 | 19.0 | 78 | 157.0 |
| M765540 | | 4 | 1.9 | 19.6 | 24 | 161.0 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765541 | | 2.11 | <0.005 | 0.06 | 6.21 | 9.0 | 620 | 1.44 | 0.14 | 0.50 | 0.02 | 92.9 | 1.2 | 7 | 1.37 | 1.3 |
| M765542 | | 2.17 | <0.005 | 0.13 | 6.30 | 10.6 | 620 | 1.60 | 0.17 | 0.55 | 0.02 | 100.0 | 1.1 | 8 | 1.77 | 3.6 |
| M765543 | | 1.93 | 0.100 | 0.10 | 6.25 | 19.7 | 680 | 1.53 | 0.20 | 0.54 | 0.12 | 99.8 | 1.2 | 7 | 1.61 | 8.8 |
| M765544 | | 1.74 | <0.005 | 0.10 | 6.23 | 38.2 | 600 | 1.55 | 0.17 | 0.54 | 0.08 | 95.2 | 1.2 | 9 | 1.63 | 6.9 |
| M765545 | | 1.79 | 0.019 | 0.16 | 6.61 | 24.1 | 660 | 1.84 | 0.15 | 0.57 | 0.07 | 94.5 | 1.2 | 8 | 1.50 | 7.3 |
| M765546 | | 1.73 | 0.046 | 0.43 | 6.53 | 19.2 | 670 | 1.76 | 0.15 | 0.54 | 1.01 | 84.0 | 1.2 | 8 | 1.48 | 14.5 |
| M765547 | | 1.72 | 0.012 | 0.08 | 6.56 | 12.2 | 600 | 1.81 | 0.17 | 0.55 | 0.10 | 89.2 | 0.9 | 6 | 1.33 | 2.9 |
| M765548 | | 1.76 | <0.005 | 0.06 | 6.35 | 17.5 | 610 | 1.60 | 0.25 | 0.47 | 0.05 | 93.5 | 1.2 | 7 | 1.28 | 2.2 |
| M765549 | | 1.75 | <0.005 | 0.07 | 6.54 | 15.7 | 640 | 1.47 | 0.23 | 0.46 | 0.03 | 90.5 | 1.4 | 7 | 1.26 | 2.1 |
| M765550 | | 0.03 | 3.36 | 0.13 | 1.63 | 1.7 | 110 | 0.36 | 0.14 | 0.01 | 0.15 | 19.00 | 1.2 | 11 | 0.69 | 6.4 |
| M765551 | | 1.75 | <0.005 | 0.11 | 6.44 | 16.3 | 650 | 1.42 | 0.15 | 0.48 | 0.02 | 90.7 | 1.1 | 7 | 1.24 | 2.6 |
| M765552 | | 1.96 | <0.005 | 0.10 | 6.29 | 17.7 | 650 | 1.20 | 0.09 | 0.48 | 0.02 | 90.3 | 1.2 | 8 | 1.26 | 2.2 |
| M765553 | | 1.79 | <0.005 | 0.11 | 6.68 | 37.2 | 650 | 1.47 | 0.17 | 0.60 | 0.03 | 108.0 | 1.6 | 5 | 1.45 | 3.5 |
| M765554 | | 1.94 | <0.005 | 0.18 | 6.59 | 42.0 | 650 | 1.80 | 0.11 | 0.52 | 0.02 | 89.4 | 1.2 | 7 | 1.29 | 2.4 |
| M765555 | | 1.85 | <0.005 | 0.19 | 6.55 | 27.4 | 600 | 2.03 | 0.14 | 0.54 | 0.03 | 93.8 | 1.7 | 7 | 1.17 | 3.3 |
| M765556 | | 1.84 | <0.005 | 0.13 | 5.85 | 18.3 | 560 | 1.86 | 0.11 | 0.50 | 0.02 | 86.8 | 1.0 | 9 | 1.07 | 1.7 |
| M765557 | | 2.05 | <0.005 | 0.09 | 6.07 | 53.8 | 610 | 1.57 | 0.13 | 0.53 | 0.03 | 95.4 | 1.0 | 8 | 1.15 | 2.8 |
| M765558 | | 2.03 | <0.005 | 0.19 | 6.08 | 17.9 | 560 | 1.76 | 0.09 | 0.52 | 0.02 | 90.9 | 1.0 | 14 | 1.06 | 2.0 |
| M765559 | | 1.99 | <0.005 | 0.14 | 6.47 | 16.1 | 610 | 2.18 | 0.10 | 0.56 | 0.02 | 114.0 | 1.2 | 10 | 1.49 | 3.3 |
| M765560 | | 1.92 | <0.005 | 0.13 | 6.25 | 26.2 | 610 | 2.43 | 0.11 | 0.49 | 0.04 | 117.5 | 1.9 | 12 | 1.60 | 7.4 |
| M765561 | | 1.99 | 0.016 | 0.08 | 5.92 | 91.9 | 600 | 1.94 | 0.25 | 0.58 | 0.03 | 95.8 | 1.3 | 10 | 1.53 | 6.4 |
| M765562 | | 1.37 | 0.041 | 0.21 | 6.03 | 196.5 | 670 | 1.93 | 0.28 | 0.36 | 0.42 | 124.0 | 3.6 | 8 | 1.93 | 25.4 |
| M765563 | | 1.03 | 0.007 | 0.10 | 6.04 | 126.0 | 620 | 1.87 | 0.15 | 0.54 | 0.06 | 97.5 | 1.8 | 8 | 1.24 | 14.5 |
| M765564 | | 1.66 | <0.005 | 0.15 | 5.85 | 42.2 | 580 | 1.71 | 0.15 | 0.52 | 0.03 | 101.0 | 1.2 | 10 | 1.50 | 1.6 |
| M765565 | | 2.08 | <0.005 | 0.07 | 5.83 | 62.2 | 570 | 1.66 | 0.31 | 0.51 | 0.02 | 91.2 | 1.0 | 9 | 1.20 | 1.7 |
| M765566 | | 1.84 | <0.005 | 0.08 | 6.09 | 39.9 | 590 | 2.42 | 0.12 | 0.53 | 0.03 | 95.1 | 1.2 | 9 | 1.10 | 2.1 |
| M765567 | | 2.11 | 0.944 | 0.09 | 6.02 | 149.5 | 620 | 2.41 | 0.14 | 0.54 | 0.03 | 94.7 | 2.0 | 9 | 1.10 | 4.8 |
| M765568 | | 1.78 | <0.005 | 0.11 | 6.01 | 53.0 | 610 | 2.49 | 0.17 | 0.53 | 0.02 | 95.0 | 2.2 | 9 | 1.29 | 12.7 |
| M765569 | | 2.04 | 0.005 | 0.07 | 5.99 | 71.7 | 640 | 2.45 | 0.20 | 0.56 | 0.03 | 85.0 | 2.3 | 9 | 1.61 | 14.8 |
| M765570 | | 1.87 | 0.011 | 0.10 | 6.05 | 62.7 | 610 | 2.38 | 1.82 | 0.50 | 0.04 | 99.6 | 1.7 | 9 | 1.37 | 23.8 |
| M765571 | | 1.95 | 0.005 | 0.06 | 6.16 | 33.8 | 590 | 2.68 | 0.15 | 0.52 | 0.02 | 94.3 | 1.6 | 9 | 1.18 | 5.8 |
| M765572 | | 1.75 | <0.005 | 0.06 | 6.18 | 39.9 | 620 | 2.51 | 0.16 | 0.52 | 0.02 | 95.2 | 1.5 | 9 | 1.05 | 6.3 |
| M765573 | | 1.82 | 0.011 | 0.05 | 6.09 | 19.4 | 650 | 2.47 | 0.44 | 0.54 | 0.02 | 92.4 | 1.7 | 12 | 1.05 | 2.5 |
| M765574 | | 2.04 | 0.033 | 0.06 | 6.10 | 82.8 | 630 | 2.56 | 0.33 | 0.55 | 0.03 | 97.9 | 1.9 | 10 | 1.07 | 3.8 |
| M765575 | | 0.06 | <0.005 | 0.05 | 6.51 | 1.8 | 920 | 1.39 | 0.11 | 1.40 | 0.08 | 30.5 | 2.5 | 17 | 1.76 | 3.8 |
| M765576 | | 2.04 | 0.147 | 0.03 | 6.01 | 21.5 | 610 | 2.62 | 0.47 | 0.58 | 0.02 | 87.2 | 1.6 | 12 | 1.00 | 1.4 |
| M765577 | | 2.01 | <0.005 | 0.04 | 5.98 | 23.2 | 580 | 2.57 | 0.17 | 0.51 | 0.03 | 105.5 | 1.7 | 11 | 1.22 | 3.2 |
| M765578 | | 2.00 | <0.005 | 0.04 | 6.09 | 34.9 | 580 | 2.51 | 0.23 | 0.53 | 0.03 | 93.3 | 1.7 | 13 | 1.18 | 2.5 |
| M765579 | | 1.86 | <0.005 | 0.05 | 6.06 | 14.6 | 580 | 2.62 | 0.18 | 0.53 | 0.02 | 97.1 | 1.8 | 13 | 1.15 | 1.2 |
| M765580 | | 2.07 | 0.011 | 0.06 | 6.01 | 89.0 | 590 | 2.48 | 0.16 | 0.55 | 0.04 | 85.7 | 1.7 | 11 | 1.13 | 5.1 |

***** See Appendix Page for comments regarding this certificate *****

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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765541 | | 1.24 | 14.55 | 0.21 | 5.2 | 0.032 | 3.44 | 46.8 | 8.9 | 0.08 | 258 | 1.98 | 2.64 | 12.5 | 1.2 | 90 |
| M765542 | | 1.37 | 16.35 | 0.20 | 5.1 | 0.049 | 3.40 | 48.6 | 11.8 | 0.09 | 318 | 1.81 | 2.69 | 14.2 | 1.8 | 90 |
| M765543 | | 1.27 | 15.25 | 0.20 | 4.9 | 0.043 | 3.51 | 47.4 | 12.6 | 0.08 | 314 | 2.00 | 2.59 | 12.8 | 1.5 | 100 |
| M765544 | | 1.26 | 15.80 | 0.24 | 5.8 | 0.038 | 3.47 | 48.2 | 15.4 | 0.07 | 343 | 1.91 | 2.64 | 16.3 | 1.3 | 90 |
| M765545 | | 1.15 | 16.90 | 0.14 | 5.7 | 0.035 | 3.72 | 46.0 | 12.7 | 0.08 | 381 | 2.34 | 2.75 | 14.9 | 1.1 | 80 |
| M765546 | | 1.17 | 16.30 | 0.13 | 5.4 | 0.040 | 3.69 | 42.2 | 19.8 | 0.08 | 355 | 2.72 | 2.73 | 14.6 | 1.1 | 70 |
| M765547 | | 1.15 | 16.75 | 0.12 | 5.0 | 0.026 | 3.45 | 44.4 | 10.3 | 0.08 | 348 | 1.61 | 2.88 | 14.1 | 1.1 | 70 |
| M765548 | | 1.21 | 16.55 | 0.16 | 5.3 | 0.024 | 3.44 | 49.3 | 7.3 | 0.08 | 286 | 1.56 | 2.83 | 12.8 | 1.1 | 80 |
| M765549 | | 1.25 | 16.20 | 0.15 | 5.6 | 0.024 | 3.60 | 47.1 | 7.0 | 0.09 | 286 | 1.35 | 2.89 | 14.5 | 1.2 | 80 |
| M765550 | | 1.41 | 3.89 | 0.06 | 0.7 | <0.005 | 0.16 | 10.6 | 17.9 | 0.02 | 110 | 0.83 | 0.02 | 3.6 | 5.5 | 40 |
| M765551 | | 1.24 | 16.70 | 0.12 | 6.2 | 0.023 | 3.53 | 46.3 | 7.2 | 0.09 | 293 | 1.82 | 2.84 | 14.0 | 1.1 | 80 |
| M765552 | | 1.28 | 16.65 | 0.15 | 5.4 | 0.024 | 3.44 | 46.1 | 6.8 | 0.09 | 300 | 2.27 | 2.80 | 14.2 | 1.3 | 80 |
| M765553 | | 1.21 | 16.70 | 0.16 | 5.2 | 0.015 | 3.64 | 51.7 | 6.7 | 0.08 | 276 | 1.74 | 2.91 | 12.8 | 1.1 | 70 |
| M765554 | | 1.21 | 16.90 | 0.14 | 5.8 | 0.014 | 3.59 | 43.9 | 6.7 | 0.07 | 256 | 1.22 | 2.88 | 14.5 | 1.2 | 70 |
| M765555 | | 1.24 | 19.20 | 0.20 | 5.3 | 0.030 | 3.68 | 41.7 | 8.9 | 0.08 | 229 | 2.90 | 2.78 | 14.2 | 1.2 | 80 |
| M765556 | | 1.18 | 15.60 | 0.14 | 5.0 | 0.029 | 3.51 | 45.4 | 6.9 | 0.08 | 236 | 1.56 | 2.67 | 13.6 | 1.2 | 80 |
| M765557 | | 1.24 | 15.25 | 0.16 | 4.6 | 0.026 | 3.63 | 50.1 | 7.6 | 0.08 | 237 | 2.21 | 2.72 | 11.6 | 1.0 | 80 |
| M765558 | | 1.27 | 15.25 | 0.16 | 4.4 | 0.023 | 3.54 | 47.6 | 6.3 | 0.08 | 218 | 1.51 | 2.73 | 12.4 | 1.4 | 80 |
| M765559 | | 1.35 | 16.55 | 0.14 | 5.3 | 0.029 | 3.48 | 51.2 | 10.0 | 0.08 | 226 | 2.49 | 2.66 | 13.5 | 1.4 | 80 |
| M765560 | | 1.33 | 17.35 | 0.15 | 5.7 | 0.035 | 3.45 | 52.0 | 13.3 | 0.09 | 206 | 2.15 | 2.49 | 15.5 | 2.0 | 80 |
| M765561 | | 1.21 | 17.15 | 0.17 | 5.5 | 0.029 | 3.27 | 47.6 | 12.5 | 0.08 | 240 | 2.34 | 2.46 | 14.7 | 2.0 | 80 |
| M765562 | | 1.71 | 18.25 | 0.22 | 5.2 | 0.048 | 3.53 | 62.1 | 39.6 | 0.13 | 201 | 2.19 | 1.83 | 15.8 | 3.1 | 80 |
| M765563 | | 1.20 | 16.75 | 0.21 | 4.7 | 0.024 | 3.27 | 48.2 | 16.7 | 0.08 | 184 | 1.76 | 2.43 | 14.1 | 1.6 | 80 |
| M765564 | | 1.20 | 16.00 | 0.19 | 5.0 | 0.022 | 3.31 | 50.2 | 8.9 | 0.07 | 199 | 1.79 | 2.44 | 13.7 | 1.5 | 90 |
| M765565 | | 1.19 | 16.15 | 0.20 | 4.8 | 0.021 | 3.36 | 45.2 | 8.3 | 0.07 | 191 | 1.61 | 2.49 | 12.9 | 1.4 | 80 |
| M765566 | | 1.22 | 17.20 | 0.20 | 5.4 | 0.019 | 3.42 | 46.7 | 8.1 | 0.08 | 195 | 1.79 | 2.64 | 15.8 | 1.5 | 80 |
| M765567 | | 1.16 | 16.75 | 0.21 | 5.3 | 0.018 | 3.39 | 46.4 | 9.4 | 0.08 | 185 | 1.78 | 2.58 | 14.4 | 2.0 | 80 |
| M765568 | | 1.18 | 16.40 | 0.21 | 5.3 | 0.016 | 3.33 | 47.2 | 10.7 | 0.10 | 173 | 1.43 | 2.53 | 14.7 | 2.4 | 80 |
| M765569 | | 1.23 | 16.40 | 0.20 | 4.8 | 0.017 | 3.40 | 42.2 | 13.4 | 0.07 | 182 | 1.49 | 2.45 | 14.1 | 2.6 | 70 |
| M765570 | | 1.28 | 16.40 | 0.21 | 5.1 | 0.019 | 3.37 | 48.4 | 11.5 | 0.09 | 180 | 2.65 | 2.44 | 15.4 | 1.7 | 80 |
| M765571 | | 1.22 | 17.15 | 0.22 | 5.2 | 0.018 | 3.44 | 46.3 | 8.2 | 0.09 | 179 | 2.58 | 2.63 | 14.7 | 2.1 | 80 |
| M765572 | | 1.26 | 16.70 | 0.21 | 5.3 | 0.017 | 3.39 | 47.3 | 9.0 | 0.10 | 184 | 2.05 | 2.59 | 14.6 | 1.8 | 80 |
| M765573 | | 1.23 | 16.65 | 0.22 | 5.5 | 0.014 | 3.42 | 45.6 | 6.6 | 0.08 | 185 | 8.76 | 2.56 | 15.6 | 1.8 | 80 |
| M765574 | | 1.20 | 17.10 | 0.23 | 5.4 | 0.014 | 3.49 | 47.6 | 7.6 | 0.08 | 172 | 2.37 | 2.59 | 14.8 | 1.8 | 80 |
| M765575 | | 1.49 | 13.70 | 0.14 | 1.2 | 0.015 | 2.26 | 14.4 | 13.2 | 0.20 | 559 | 0.93 | 2.76 | 4.7 | 3.0 | 180 |
| M765576 | | 1.16 | 16.85 | 0.21 | 5.0 | 0.016 | 3.37 | 42.8 | 7.5 | 0.08 | 172 | 29.6 | 2.52 | 13.8 | 2.0 | 80 |
| M765577 | | 1.15 | 16.30 | 0.23 | 5.3 | 0.014 | 3.42 | 51.6 | 7.5 | 0.10 | 166 | 2.80 | 2.50 | 14.8 | 2.5 | 80 |
| M765578 | | 1.24 | 16.90 | 0.22 | 5.5 | 0.014 | 3.43 | 46.2 | 7.9 | 0.09 | 179 | 2.04 | 2.54 | 15.4 | 2.3 | 80 |
| M765579 | | 1.20 | 16.60 | 0.22 | 5.3 | 0.017 | 3.42 | 47.7 | 7.4 | 0.08 | 166 | 8.54 | 2.52 | 13.9 | 2.1 | 70 |
| M765580 | | 1.22 | 17.15 | 0.21 | 5.0 | 0.017 | 3.41 | 41.0 | 8.8 | 0.08 | 179 | 40.6 | 2.55 | 15.0 | 2.3 | 70 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765541 | | 7.3 | 140.5 | <0.002 | <0.01 | 0.58 | 3.7 | 1 | 2.0 | 45.5 | 1.15 | <0.05 | 17.3 | 0.085 | 0.84 | 4.0 |
| M765542 | | 9.2 | 150.5 | <0.002 | 0.01 | 0.63 | 4.3 | 1 | 2.9 | 44.8 | 1.17 | <0.05 | 18.1 | 0.089 | 0.88 | 4.1 |
| M765543 | | 18.1 | 149.0 | <0.002 | 0.04 | 0.82 | 3.9 | 1 | 2.6 | 44.9 | 1.13 | <0.05 | 17.3 | 0.089 | 0.86 | 4.2 |
| M765544 | | 14.5 | 145.0 | <0.002 | 0.07 | 0.94 | 3.9 | 1 | 2.6 | 36.9 | 1.53 | <0.05 | 21.1 | 0.086 | 0.82 | 5.3 |
| M765545 | | 8.5 | 169.0 | <0.002 | 0.05 | 0.76 | 4.0 | 1 | 2.8 | 40.0 | 1.26 | <0.05 | 19.4 | 0.086 | 0.80 | 5.1 |
| M765546 | | 277 | 168.5 | 0.002 | 0.21 | 0.84 | 4.0 | 1 | 2.8 | 38.3 | 1.25 | <0.05 | 19.5 | 0.087 | 0.80 | 6.3 |
| M765547 | | 27.2 | 154.5 | <0.002 | 0.02 | 0.57 | 3.8 | <1 | 2.5 | 43.3 | 1.23 | <0.05 | 18.1 | 0.078 | 0.75 | 4.8 |
| M765548 | | 10.1 | 155.0 | 0.002 | <0.01 | 0.64 | 4.0 | 1 | 2.2 | 41.7 | 1.17 | <0.05 | 18.1 | 0.081 | 0.83 | 3.9 |
| M765549 | | 7.3 | 153.0 | 0.003 | <0.01 | 0.80 | 4.1 | <1 | 2.2 | 40.7 | 1.26 | <0.05 | 19.2 | 0.086 | 0.74 | 4.5 |
| M765550 | | 30.6 | 13.2 | 0.002 | 1.15 | 0.61 | 1.3 | <1 | 1.5 | 15.1 | 0.27 | <0.05 | 3.5 | 0.083 | 0.43 | 0.5 |
| M765551 | | 7.9 | 144.5 | 0.002 | 0.01 | 0.89 | 4.1 | 1 | 2.2 | 41.4 | 1.20 | <0.05 | 18.8 | 0.084 | 0.79 | 4.9 |
| M765552 | | 7.6 | 153.0 | 0.002 | <0.01 | 0.88 | 4.1 | <1 | 2.0 | 41.6 | 1.15 | <0.05 | 17.5 | 0.082 | 0.70 | 4.3 |
| M765553 | | 9.7 | 174.0 | <0.002 | 0.01 | 1.07 | 3.6 | <1 | 2.0 | 44.2 | 0.96 | <0.05 | 20.4 | 0.069 | 0.75 | 5.4 |
| M765554 | | 6.7 | 165.5 | 0.004 | 0.01 | 1.51 | 3.8 | 1 | 2.3 | 45.0 | 1.41 | <0.05 | 18.2 | 0.076 | 0.84 | 5.2 |
| M765555 | | 7.6 | 174.5 | <0.002 | <0.01 | 0.91 | 4.6 | 1 | 1.9 | 44.7 | 1.24 | <0.05 | 21.8 | 0.069 | 0.75 | 7.9 |
| M765556 | | 5.1 | 150.0 | <0.002 | <0.01 | 0.69 | 4.0 | 1 | 2.0 | 36.4 | 1.21 | <0.05 | 19.2 | 0.075 | 0.72 | 4.8 |
| M765557 | | 5.6 | 153.5 | <0.002 | 0.02 | 0.90 | 3.8 | 1 | 1.8 | 41.9 | 1.01 | <0.05 | 18.8 | 0.073 | 0.77 | 4.1 |
| M765558 | | 5.3 | 145.0 | <0.002 | <0.01 | 0.69 | 3.8 | 1 | 1.7 | 39.7 | 1.10 | <0.05 | 18.0 | 0.080 | 0.73 | 4.4 |
| M765559 | | 5.7 | 157.0 | <0.002 | 0.01 | 1.03 | 4.8 | <1 | 2.2 | 40.2 | 1.24 | <0.05 | 18.0 | 0.078 | 0.68 | 4.7 |
| M765560 | | 7.5 | 159.0 | 0.002 | 0.04 | 1.12 | 5.1 | <1 | 2.9 | 42.3 | 1.45 | <0.05 | 19.3 | 0.079 | 0.72 | 5.2 |
| M765561 | | 8.8 | 138.5 | <0.002 | 0.05 | 0.95 | 5.1 | 1 | 2.2 | 50.7 | 1.38 | <0.05 | 21.4 | 0.077 | 0.83 | 5.3 |
| M765562 | | 29.9 | 163.5 | <0.002 | 0.48 | 1.67 | 5.3 | 1 | 4.1 | 35.9 | 1.53 | <0.05 | 21.2 | 0.079 | 0.86 | 6.4 |
| M765563 | | 12.7 | 134.0 | <0.002 | 0.25 | 0.89 | 5.0 | 1 | 2.3 | 39.7 | 1.34 | <0.05 | 18.0 | 0.075 | 0.71 | 4.7 |
| M765564 | | 7.9 | 137.0 | <0.002 | 0.01 | 1.01 | 5.1 | 1 | 2.0 | 50.1 | 1.30 | <0.05 | 18.0 | 0.077 | 0.73 | 4.4 |
| M765565 | | 7.8 | 138.0 | <0.002 | 0.01 | 1.29 | 4.6 | 1 | 1.7 | 44.7 | 1.08 | <0.05 | 16.1 | 0.072 | 0.69 | 3.7 |
| M765566 | | 6.2 | 148.0 | <0.002 | 0.01 | 0.89 | 5.1 | 1 | 1.8 | 45.9 | 1.52 | <0.05 | 21.0 | 0.074 | 0.66 | 5.1 |
| M765567 | | 13.2 | 137.0 | <0.002 | 0.08 | 0.87 | 5.1 | 1 | 1.9 | 43.6 | 1.39 | <0.05 | 20.0 | 0.074 | 0.68 | 5.4 |
| M765568 | | 17.8 | 129.5 | <0.002 | 0.12 | 0.68 | 5.1 | 1 | 1.7 | 48.5 | 1.46 | <0.05 | 19.4 | 0.081 | 0.63 | 5.1 |
| M765569 | | 13.8 | 139.5 | <0.002 | 0.13 | 0.72 | 4.9 | 1 | 1.6 | 54.3 | 1.36 | <0.05 | 18.0 | 0.080 | 0.67 | 4.7 |
| M765570 | | 15.8 | 141.5 | <0.002 | 0.22 | 0.64 | 5.0 | 1 | 1.5 | 41.7 | 1.57 | <0.05 | 19.7 | 0.080 | 0.64 | 5.0 |
| M765571 | | 8.8 | 142.0 | <0.002 | 0.05 | 0.50 | 5.4 | 1 | 1.5 | 42.6 | 1.39 | <0.05 | 20.8 | 0.084 | 0.61 | 5.1 |
| M765572 | | 7.8 | 132.0 | <0.002 | 0.06 | 0.52 | 5.1 | 1 | 1.5 | 42.5 | 1.43 | <0.05 | 19.4 | 0.082 | 0.58 | 5.0 |
| M765573 | | 8.3 | 142.5 | 0.002 | 0.01 | 0.56 | 5.0 | 2 | 1.5 | 48.4 | 1.41 | <0.05 | 18.1 | 0.083 | 0.52 | 4.8 |
| M765574 | | 9.2 | 142.0 | <0.002 | 0.04 | 0.56 | 5.2 | 1 | 1.2 | 49.4 | 1.41 | <0.05 | 18.7 | 0.081 | 0.52 | 4.7 |
| M765575 | | 12.4 | 60.2 | <0.002 | <0.01 | 0.18 | 6.7 | 1 | 1.6 | 182.0 | 0.49 | <0.05 | 6.6 | 0.114 | 0.39 | 2.2 |
| M765576 | | 7.6 | 140.5 | 0.003 | 0.01 | 0.66 | 5.3 | 1 | 1.3 | 46.3 | 1.29 | <0.05 | 18.7 | 0.075 | 0.56 | 4.7 |
| M765577 | | 8.0 | 143.5 | <0.002 | 0.03 | 0.63 | 5.0 | 1 | 1.3 | 42.5 | 1.39 | <0.05 | 19.3 | 0.078 | 0.58 | 4.7 |
| M765578 | | 8.7 | 145.0 | <0.002 | 0.03 | 0.80 | 5.2 | 1 | 1.4 | 43.7 | 1.44 | <0.05 | 19.0 | 0.077 | 0.56 | 5.1 |
| M765579 | | 7.2 | 146.5 | <0.002 | <0.01 | 0.80 | 5.1 | 1 | 1.5 | 43.5 | 1.31 | <0.05 | 18.3 | 0.071 | 0.58 | 4.5 |
| M765580 | | 17.6 | 149.0 | 0.002 | 0.06 | 1.43 | 5.0 | 1 | 1.5 | 45.9 | 1.38 | <0.05 | 17.6 | 0.072 | 0.57 | 4.6 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 V ppm 1 | ME-MS61 W ppm 0.1 | ME-MS61 Y ppm 0.1 | ME-MS61 Zn ppm 2 | ME-MS61 Zr ppm 0.5 |
|---|---|---|---|---|---|---|
| M765541 | | 4 | 1.8 | 15.9 | 35 | 155.5 |
| M765542 | | 4 | 1.9 | 18.1 | 30 | 169.0 |
| M765543 | | 4 | 1.9 | 17.1 | 51 | 149.5 |
| M765544 | | 4 | 1.8 | 22.5 | 37 | 177.5 |
| M765545 | | 4 | 2.0 | 19.6 | 33 | 167.0 |
| M765546 | | 4 | 2.4 | 18.3 | 297 | 157.5 |
| M765547 | | 3 | 1.9 | 18.1 | 56 | 156.0 |
| M765548 | | 4 | 1.8 | 18.7 | 44 | 168.0 |
| M765549 | | 4 | 1.7 | 22.8 | 41 | 158.5 |
| M765550 | | 8 | 1.0 | 2.8 | 15 | 21.7 |
| M765551 | | 4 | 1.4 | 22.3 | 38 | 189.5 |
| M765552 | | 4 | 1.3 | 19.1 | 35 | 169.0 |
| M765553 | | 3 | 1.2 | 20.2 | 25 | 158.5 |
| M765554 | | 4 | 2.8 | 19.9 | 23 | 170.5 |
| M765555 | | 4 | 1.9 | 22.9 | 26 | 172.0 |
| M765556 | | 4 | 1.6 | 17.8 | 23 | 160.0 |
| M765557 | | 4 | 1.4 | 17.0 | 22 | 148.0 |
| M765558 | | 4 | 1.7 | 17.4 | 23 | 144.0 |
| M765559 | | 4 | 1.7 | 21.5 | 23 | 145.5 |
| M765560 | | 4 | 1.7 | 24.1 | 21 | 148.5 |
| M765561 | | 4 | 1.9 | 23.0 | 23 | 167.0 |
| M765562 | | 4 | 4.1 | 22.3 | 117 | 151.0 |
| M765563 | | 4 | 2.3 | 22.5 | 22 | 151.5 |
| M765564 | | 4 | 2.1 | 20.9 | 25 | 154.0 |
| M765565 | | 3 | 1.4 | 18.1 | 24 | 151.5 |
| M765566 | | 4 | 1.6 | 26.0 | 20 | 166.5 |
| M765567 | | 4 | 1.4 | 24.7 | 19 | 159.0 |
| M765568 | | 4 | 1.4 | 24.2 | 18 | 153.5 |
| M765569 | | 4 | 1.1 | 21.4 | 21 | 145.0 |
| M765570 | | 4 | 1.5 | 25.0 | 21 | 145.0 |
| M765571 | | 4 | 1.2 | 27.6 | 20 | 158.0 |
| M765572 | | 4 | 1.4 | 28.6 | 18 | 157.5 |
| M765573 | | 4 | 1.1 | 30.3 | 20 | 174.0 |
| M765574 | | 4 | 1.5 | 27.1 | 19 | 169.0 |
| M765575 | | 14 | 1.1 | 18.0 | 47 | 27.6 |
| M765576 | | 4 | 1.4 | 20.9 | 19 | 152.5 |
| M765577 | | 4 | 1.2 | 26.6 | 20 | 161.5 |
| M765578 | | 4 | 1.3 | 25.7 | 21 | 169.0 |
| M765579 | | 4 | 1.2 | 23.7 | 19 | 164.5 |
| M765580 | | 4 | 1.3 | 21.7 | 24 | 159.0 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765581 | | 1.86 | <0.005 | 0.05 | 5.97 | 20.3 | 570 | 2.04 | 0.12 | 0.51 | <0.02 | 94.5 | 1.4 | 9 | 0.98 | 4.7 |
| M765582 | | 1.33 | 0.042 | 0.06 | 6.02 | 67.4 | 570 | 1.63 | 0.11 | 0.56 | 0.03 | 96.9 | 1.4 | 7 | 0.99 | 6.5 |
| M765583 | | 1.00 | 0.039 | 0.10 | 5.88 | 62.9 | 590 | 1.41 | 0.14 | 0.59 | 0.06 | 90.8 | 1.6 | 8 | 0.92 | 8.5 |
| M765584 | | 0.96 | 0.031 | 0.13 | 6.18 | 285 | 770 | 1.68 | 0.21 | 0.36 | 0.08 | 98.6 | 3.1 | 8 | 1.03 | 19.9 |
| M765585 | | 0.60 | 0.044 | 0.16 | 5.99 | 117.5 | 710 | 1.84 | 0.41 | 0.19 | <0.02 | 104.0 | 5.0 | 7 | 0.81 | 26.1 |
| M765586 | | 1.88 | 0.024 | 0.12 | 6.05 | 19.0 | 540 | 1.73 | 0.27 | 0.26 | <0.02 | 85.4 | 2.5 | 7 | 0.75 | 6.6 |
| M765587 | | 1.76 | 0.009 | 0.14 | 5.78 | 24.2 | 560 | 1.55 | 0.15 | 0.51 | 0.02 | 90.3 | 2.0 | 7 | 0.75 | 9.8 |
| M765588 | | 1.85 | 0.011 | 0.07 | 5.98 | 46.7 | 590 | 1.82 | 0.14 | 0.26 | 0.02 | 88.2 | 1.9 | 7 | 0.85 | 13.1 |
| M765589 | | 1.84 | 0.014 | 0.06 | 6.18 | 43.5 | 580 | 1.52 | 0.12 | 0.30 | 0.03 | 97.6 | 2.0 | 5 | 0.83 | 4.3 |
| M765590 | | 1.26 | 0.047 | 0.22 | 6.48 | 79.4 | 540 | 1.68 | 0.26 | 0.20 | 0.06 | 100.5 | 4.6 | 7 | 1.29 | 70.4 |
| M765591 | | 1.45 | 0.037 | 0.26 | 6.30 | 129.0 | 800 | 1.75 | 0.56 | 0.55 | 0.10 | 88.9 | 3.8 | 8 | 1.11 | 61.5 |
| M765592 | | 1.24 | 0.058 | 0.12 | 6.25 | 64.4 | 760 | 1.76 | 0.53 | 0.52 | 0.03 | 97.2 | 2.6 | 7 | 0.95 | 28.7 |
| M765593 | | 1.79 | 0.005 | 0.10 | 6.21 | 35.6 | 690 | 1.83 | 0.28 | 0.48 | 0.02 | 101.0 | 2.9 | 8 | 0.98 | 20.4 |
| M765594 | | 1.61 | <0.005 | 0.10 | 6.25 | 27.3 | 670 | 1.82 | 0.15 | 0.45 | 0.03 | 89.1 | 2.2 | 9 | 0.94 | 7.3 |
| M765595 | | 1.92 | 0.009 | 0.10 | 6.30 | 22.9 | 720 | 1.78 | 0.59 | 0.54 | 0.03 | 100.0 | 2.7 | 8 | 0.96 | 49.1 |
| M765596 | | 2.01 | <0.005 | 0.06 | 6.11 | 27.2 | 650 | 2.22 | 0.13 | 0.55 | 0.02 | 96.4 | 2.5 | 8 | 0.95 | 6.4 |
| M765597 | | 1.89 | <0.005 | 0.08 | 6.12 | 21.3 | 670 | 1.70 | 0.09 | 0.59 | 0.03 | 109.0 | 2.1 | 7 | 0.90 | 2.8 |
| M765598 | | 1.94 | <0.005 | 0.09 | 6.07 | 17.7 | 650 | 1.99 | 0.08 | 0.56 | 0.02 | 106.5 | 2.2 | 7 | 0.88 | 2.6 |
| M765599 | | 0.91 | <0.005 | 0.05 | 6.15 | 14.3 | 590 | 2.06 | 0.09 | 0.53 | 0.02 | 105.0 | 1.1 | 6 | 0.79 | 2.1 |
| M765600 | | 0.90 | <0.005 | 0.06 | 6.09 | 13.9 | 590 | 2.02 | 0.09 | 0.52 | 0.04 | 96.3 | 1.3 | 9 | 0.77 | 2.3 |
| M765601 | | 1.98 | <0.005 | 0.05 | 6.30 | 9.2 | 630 | 2.22 | 0.07 | 0.51 | 0.03 | 97.3 | 2.0 | 6 | 0.90 | 2.9 |
| M765602 | | 1.99 | <0.005 | 0.04 | 5.94 | 6.9 | 640 | 1.65 | 0.07 | 0.52 | 0.03 | 110.0 | 1.3 | 8 | 0.75 | 2.8 |
| M765603 | | 2.02 | <0.005 | 0.05 | 6.08 | 8.0 | 650 | 1.87 | 0.07 | 0.55 | 0.04 | 109.0 | 1.2 | 8 | 0.88 | 3.1 |
| M765604 | | 2.02 | <0.005 | 0.02 | 6.28 | 4.7 | 650 | 1.96 | 0.07 | 0.56 | 0.02 | 103.0 | 1.4 | 8 | 0.99 | 3.4 |
| M765605 | | 1.89 | <0.005 | 0.11 | 6.14 | 4.5 | 610 | 1.81 | 0.06 | 0.50 | <0.02 | 96.2 | 1.1 | 7 | 1.20 | 3.7 |
| M765606 | | 1.78 | <0.005 | 0.11 | 6.15 | 12.6 | 630 | 1.86 | 0.08 | 0.61 | 0.03 | 101.0 | 1.5 | 8 | 0.89 | 8.0 |
| M765607 | | 1.91 | 0.025 | 0.11 | 6.05 | 13.3 | 680 | 1.76 | 0.11 | 0.65 | 0.17 | 103.0 | 2.5 | 8 | 1.06 | 13.8 |
| M765608 | | 1.95 | 0.044 | 0.16 | 6.06 | 67.4 | 680 | 1.64 | 0.17 | 0.55 | 0.13 | 100.5 | 4.9 | 7 | 1.02 | 21.8 |
| M765609 | | 1.19 | <0.005 | 0.18 | 6.10 | 186.0 | 760 | 1.86 | 0.12 | 0.65 | 0.06 | 101.0 | 2.9 | 9 | 1.15 | 8.8 |
| M765610 | | 1.47 | <0.005 | 0.05 | 6.88 | 45.2 | 940 | 2.46 | 0.07 | 1.22 | 0.02 | 103.5 | 9.0 | 9 | 3.90 | 4.7 |
| M765611 | | 1.29 | <0.005 | 0.08 | 6.08 | 38.9 | 980 | 1.78 | 0.09 | 0.76 | 0.04 | 105.5 | 4.6 | 6 | 1.16 | 10.7 |
| M765612 | | 1.88 | <0.005 | 0.07 | 6.12 | 17.6 | 730 | 2.20 | 0.08 | 0.58 | 0.05 | 106.5 | 2.9 | 8 | 1.23 | 3.7 |
| M765613 | | 1.92 | <0.005 | 0.07 | 6.16 | 14.1 | 700 | 1.91 | 0.08 | 0.58 | 0.02 | 102.5 | 2.3 | 7 | 1.21 | 3.4 |
| M765614 | | 1.84 | 0.009 | 0.13 | 6.07 | 43.2 | 720 | 1.64 | 0.12 | 0.62 | 0.17 | 107.5 | 2.4 | 7 | 1.17 | 11.4 |
| M765615 | | 1.78 | 0.005 | 0.08 | 5.98 | 25.2 | 710 | 1.67 | 0.10 | 0.57 | 0.08 | 102.0 | 2.0 | 7 | 1.06 | 7.9 |
| M765616 | | 2.00 | <0.005 | 0.04 | 6.31 | 19.9 | 700 | 1.83 | 0.06 | 0.61 | 0.03 | 98.2 | 2.0 | 6 | 1.15 | 4.0 |
| M765617 | | 1.88 | <0.005 | 0.09 | 6.03 | 26.9 | 730 | 1.68 | 0.11 | 0.58 | 0.07 | 92.6 | 2.1 | 6 | 1.38 | 7.6 |
| M765618 | | 1.80 | 0.016 | 0.13 | 6.12 | 48.0 | 890 | 2.11 | 0.19 | 0.70 | 0.02 | 92.6 | 4.0 | 7 | 1.61 | 29.9 |
| M765619 | | 1.43 | 0.012 | 0.16 | 6.00 | 111.0 | 780 | 1.79 | 0.21 | 0.59 | 0.04 | 90.1 | 3.3 | 6 | 1.76 | 19.8 |
| M765620 | | 1.21 | 0.007 | 0.07 | 6.21 | 129.5 | 940 | 1.64 | 0.21 | 0.56 | 0.03 | 99.5 | 3.4 | 7 | 1.93 | 16.4 |

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765581 | | 1.12 | 15.90 | 0.12 | 5.2 | 0.016 | 3.31 | 42.0 | 5.6 | 0.07 | 161 | 2.06 | 2.49 | 13.5 | 1.6 | 70 |
| M765582 | | 1.13 | 15.75 | 0.14 | 5.0 | 0.015 | 3.32 | 47.4 | 9.2 | 0.07 | 214 | 1.99 | 2.42 | 13.2 | 1.2 | 80 |
| M765583 | | 0.98 | 14.60 | 0.14 | 5.4 | 0.011 | 3.29 | 42.9 | 11.3 | 0.06 | 195 | 2.33 | 2.37 | 12.4 | 1.1 | 80 |
| M765584 | | 1.42 | 18.15 | 0.17 | 5.4 | 0.032 | 3.56 | 48.2 | 9.8 | 0.12 | 152 | 3.33 | 2.19 | 14.9 | 1.3 | 70 |
| M765585 | | 1.71 | 16.15 | 0.16 | 5.3 | 0.026 | 3.29 | 47.9 | 7.1 | 0.22 | 159 | 2.96 | 2.33 | 13.9 | 1.6 | 90 |
| M765586 | | 1.19 | 15.65 | 0.12 | 5.6 | 0.014 | 3.11 | 41.3 | 7.4 | 0.27 | 175 | 3.53 | 2.55 | 14.6 | 1.3 | 80 |
| M765587 | | 1.08 | 15.45 | 0.14 | 4.7 | 0.014 | 3.16 | 45.0 | 6.8 | 0.25 | 205 | 2.07 | 2.43 | 13.5 | 1.0 | 80 |
| M765588 | | 1.10 | 15.95 | 0.13 | 4.7 | 0.016 | 3.19 | 42.3 | 6.3 | 0.24 | 154 | 1.42 | 2.44 | 12.7 | 1.2 | 80 |
| M765589 | | 1.18 | 16.05 | 0.15 | 4.9 | 0.011 | 3.26 | 48.8 | 7.3 | 0.29 | 180 | 1.45 | 2.57 | 12.8 | 1.1 | 90 |
| M765590 | | 1.81 | 18.85 | 0.16 | 5.8 | 0.049 | 3.16 | 50.1 | 19.7 | 0.46 | 248 | 7.41 | 1.88 | 14.6 | 3.8 | 80 |
| M765591 | | 1.60 | 16.25 | 0.17 | 5.0 | 0.059 | 3.36 | 43.2 | 9.1 | 0.18 | 332 | 3.96 | 2.15 | 12.7 | 2.7 | 80 |
| M765592 | | 1.29 | 16.00 | 0.14 | 5.3 | 0.027 | 3.43 | 45.6 | 6.2 | 0.10 | 239 | 1.50 | 2.41 | 12.3 | 2.0 | 90 |
| M765593 | | 1.32 | 17.15 | 0.16 | 5.4 | 0.019 | 3.44 | 47.6 | 7.4 | 0.12 | 201 | 1.77 | 2.41 | 13.0 | 1.2 | 80 |
| M765594 | | 1.11 | 16.70 | 0.17 | 5.5 | 0.017 | 3.57 | 42.3 | 7.1 | 0.10 | 175 | 1.78 | 2.45 | 13.4 | 1.2 | 80 |
| M765595 | | 1.33 | 17.35 | 0.17 | 5.1 | 0.042 | 3.49 | 49.6 | 8.2 | 0.11 | 219 | 2.03 | 2.42 | 12.6 | 1.3 | 90 |
| M765596 | | 1.18 | 17.25 | 0.17 | 5.5 | 0.015 | 3.44 | 44.6 | 7.5 | 0.09 | 195 | 1.79 | 2.44 | 14.7 | 1.5 | 80 |
| M765597 | | 1.19 | 16.25 | 0.18 | 5.4 | 0.011 | 3.41 | 52.0 | 6.9 | 0.08 | 199 | 1.53 | 2.41 | 13.0 | 1.2 | 90 |
| M765598 | | 1.21 | 17.30 | 0.18 | 5.5 | 0.017 | 3.34 | 49.0 | 6.0 | 0.09 | 185 | 1.86 | 2.48 | 14.5 | 1.4 | 80 |
| M765599 | | 1.16 | 16.80 | 0.20 | 5.7 | 0.018 | 3.33 | 48.8 | 5.4 | 0.08 | 181 | 2.01 | 2.58 | 15.7 | 1.2 | 80 |
| M765600 | | 1.16 | 16.35 | 0.14 | 5.9 | 0.016 | 3.32 | 45.7 | 5.5 | 0.07 | 180 | 2.06 | 2.55 | 15.3 | 1.2 | 70 |
| M765601 | | 1.24 | 17.00 | 0.16 | 5.5 | 0.023 | 3.39 | 45.2 | 5.7 | 0.10 | 192 | 2.48 | 2.57 | 14.0 | 1.3 | 90 |
| M765602 | | 1.25 | 15.85 | 0.17 | 5.2 | 0.031 | 3.15 | 51.0 | 5.2 | 0.09 | 207 | 2.43 | 2.45 | 12.0 | 1.3 | 90 |
| M765603 | | 1.18 | 17.55 | 0.16 | 5.4 | 0.028 | 3.27 | 54.2 | 5.8 | 0.09 | 205 | 2.17 | 2.49 | 13.8 | 1.1 | 90 |
| M765604 | | 1.28 | 17.50 | 0.18 | 5.6 | 0.032 | 3.28 | 48.5 | 6.0 | 0.10 | 222 | 2.04 | 2.59 | 13.8 | 1.3 | 100 |
| M765605 | | 1.17 | 16.85 | 0.18 | 5.1 | 0.031 | 3.33 | 45.4 | 5.4 | 0.09 | 192 | 1.80 | 2.50 | 13.6 | 1.1 | 90 |
| M765606 | | 1.26 | 17.50 | 0.18 | 5.4 | 0.029 | 3.31 | 46.2 | 7.7 | 0.08 | 216 | 2.56 | 2.47 | 14.3 | 1.3 | 90 |
| M765607 | | 1.24 | 16.95 | 0.21 | 5.6 | 0.033 | 3.39 | 49.2 | 11.4 | 0.08 | 259 | 2.47 | 2.35 | 14.5 | 1.2 | 100 |
| M765608 | | 1.42 | 18.10 | 0.17 | 5.3 | 0.039 | 3.33 | 49.5 | 13.1 | 0.08 | 267 | 2.29 | 2.27 | 14.4 | 1.3 | 90 |
| M765609 | | 1.27 | 16.20 | 0.18 | 5.5 | 0.035 | 3.21 | 49.3 | 8.4 | 0.08 | 276 | 1.45 | 2.36 | 13.9 | 1.7 | 90 |
| M765610 | | 2.22 | 18.55 | 0.19 | 8.4 | 0.031 | 2.67 | 46.7 | 22.0 | 0.26 | 519 | 0.75 | 2.65 | 20.2 | 4.5 | 310 |
| M765611 | | 1.51 | 15.65 | 0.17 | 5.6 | 0.025 | 3.11 | 52.1 | 7.9 | 0.10 | 283 | 1.12 | 2.34 | 12.5 | 2.4 | 100 |
| M765612 | | 1.33 | 17.25 | 0.21 | 5.5 | 0.022 | 3.24 | 51.5 | 8.2 | 0.09 | 223 | 2.36 | 2.43 | 15.2 | 1.5 | 100 |
| M765613 | | 1.30 | 16.45 | 0.20 | 5.6 | 0.022 | 3.28 | 47.6 | 8.0 | 0.09 | 227 | 2.84 | 2.50 | 13.8 | 1.3 | 90 |
| M765614 | | 1.27 | 16.30 | 0.19 | 5.7 | 0.023 | 3.26 | 52.0 | 10.1 | 0.09 | 262 | 2.77 | 2.41 | 13.4 | 1.4 | 100 |
| M765615 | | 1.22 | 17.25 | 0.18 | 6.0 | 0.020 | 3.33 | 48.6 | 9.8 | 0.08 | 255 | 2.76 | 2.42 | 16.1 | 1.2 | 90 |
| M765616 | | 1.17 | 16.45 | 0.20 | 5.5 | 0.015 | 3.34 | 47.5 | 9.0 | 0.08 | 224 | 2.02 | 2.49 | 13.6 | 1.1 | 100 |
| M765617 | | 1.27 | 15.50 | 0.16 | 5.4 | 0.024 | 3.20 | 44.6 | 12.0 | 0.09 | 269 | 1.74 | 2.45 | 13.1 | 1.2 | 100 |
| M765618 | | 1.79 | 15.15 | 0.13 | 5.0 | 0.023 | 3.08 | 46.3 | 14.1 | 0.09 | 359 | 8.74 | 2.41 | 13.0 | 2.0 | 100 |
| M765619 | | 1.40 | 15.25 | 0.14 | 5.1 | 0.022 | 3.24 | 46.1 | 12.0 | 0.09 | 346 | 2.45 | 2.35 | 12.8 | 1.1 | 100 |
| M765620 | | 1.48 | 15.65 | 0.18 | 5.3 | 0.017 | 3.55 | 49.0 | 12.1 | 0.09 | 384 | 1.62 | 2.34 | 12.8 | 1.2 | 100 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765581 | | 8.8 | 142.5 | <0.002 | 0.01 | 1.12 | 3.6 | 1 | 1.4 | 43.5 | 1.25 | <0.05 | 20.3 | 0.065 | 0.65 | 5.2 |
| M765582 | | 13.9 | 134.0 | <0.002 | 0.07 | 1.51 | 3.6 | <1 | 1.4 | 41.7 | 1.46 | <0.05 | 18.7 | 0.072 | 0.57 | 4.8 |
| M765583 | | 27.1 | 133.5 | <0.002 | 0.14 | 1.79 | 3.5 | <1 | 1.3 | 40.6 | 1.22 | <0.05 | 18.5 | 0.067 | 0.57 | 4.6 |
| M765584 | | 27.1 | 148.5 | <0.002 | 0.45 | 1.45 | 4.1 | 1 | 2.4 | 33.4 | 1.34 | <0.05 | 21.0 | 0.072 | 0.62 | 5.6 |
| M765585 | | 14.8 | 126.5 | <0.002 | 0.72 | 0.97 | 4.2 | 1 | 2.0 | 28.9 | 1.35 | <0.05 | 20.6 | 0.083 | 0.56 | 6.0 |
| M765586 | | 5.2 | 120.5 | 0.002 | 0.17 | 0.77 | 3.8 | 1 | 1.4 | 37.3 | 1.42 | <0.05 | 19.8 | 0.079 | 0.55 | 5.8 |
| M765587 | | 9.8 | 113.5 | <0.002 | 0.15 | 0.91 | 3.5 | <1 | 1.5 | 40.6 | 1.25 | <0.05 | 18.2 | 0.076 | 0.56 | 4.9 |
| M765588 | | 7.4 | 123.5 | <0.002 | 0.15 | 1.08 | 3.8 | 1 | 1.4 | 44.7 | 1.05 | <0.05 | 17.9 | 0.075 | 0.62 | 4.6 |
| M765589 | | 6.4 | 114.0 | <0.002 | 0.09 | 1.16 | 4.1 | <1 | 1.5 | 47.0 | 1.10 | <0.05 | 18.0 | 0.084 | 0.70 | 4.4 |
| M765590 | | 10.0 | 145.5 | <0.002 | 0.32 | 1.59 | 4.4 | <1 | 2.3 | 40.4 | 1.29 | <0.05 | 20.0 | 0.082 | 0.74 | 5.1 |
| M765591 | | 11.1 | 132.5 | <0.002 | 0.34 | 0.83 | 4.0 | <1 | 2.9 | 54.2 | 1.09 | <0.05 | 18.0 | 0.077 | 0.77 | 4.6 |
| M765592 | | 7.1 | 117.0 | <0.002 | 0.17 | 1.14 | 3.8 | 1 | 1.7 | 60.2 | 1.12 | <0.05 | 17.8 | 0.074 | 0.75 | 4.3 |
| M765593 | | 7.0 | 127.5 | <0.002 | 0.16 | 1.50 | 3.9 | 1 | 1.6 | 54.5 | 1.15 | <0.05 | 19.8 | 0.071 | 0.72 | 4.8 |
| M765594 | | 7.9 | 128.5 | <0.002 | 0.08 | 1.34 | 3.8 | 1 | 1.4 | 56.9 | 1.23 | <0.05 | 19.8 | 0.071 | 0.69 | 4.9 |
| M765595 | | 7.1 | 139.0 | <0.002 | 0.19 | 1.20 | 4.3 | <1 | 1.7 | 54.1 | 1.06 | <0.05 | 17.5 | 0.079 | 0.67 | 5.0 |
| M765596 | | 7.0 | 143.0 | <0.002 | 0.07 | 1.09 | 4.3 | 1 | 2.1 | 52.0 | 1.32 | <0.05 | 21.1 | 0.071 | 0.68 | 5.5 |
| M765597 | | 7.0 | 139.0 | <0.002 | 0.02 | 1.45 | 3.9 | 1 | 1.6 | 52.7 | 1.10 | <0.05 | 18.3 | 0.078 | 0.64 | 4.3 |
| M765598 | | 6.6 | 136.0 | <0.002 | 0.02 | 2.09 | 4.2 | 1 | 1.6 | 52.0 | 1.29 | <0.05 | 21.6 | 0.076 | 0.65 | 5.3 |
| M765599 | | 7.5 | 140.0 | <0.002 | 0.01 | 2.13 | 4.0 | <1 | 1.9 | 45.5 | 1.48 | <0.05 | 23.2 | 0.071 | 0.59 | 6.1 |
| M765600 | | 7.5 | 143.5 | <0.002 | 0.01 | 2.09 | 3.9 | 1 | 1.9 | 44.2 | 1.57 | <0.05 | 23.3 | 0.069 | 0.65 | 5.9 |
| M765601 | | 8.2 | 152.5 | <0.002 | 0.01 | 1.12 | 4.5 | 2 | 2.3 | 49.3 | 1.27 | <0.05 | 19.5 | 0.079 | 0.64 | 4.7 |
| M765602 | | 7.9 | 136.5 | <0.002 | 0.02 | 0.78 | 4.0 | 1 | 2.2 | 45.4 | 1.05 | <0.05 | 17.3 | 0.082 | 0.63 | 4.1 |
| M765603 | | 7.1 | 148.0 | <0.002 | 0.03 | 0.68 | 4.5 | 1 | 2.3 | 47.2 | 1.21 | <0.05 | 19.8 | 0.079 | 0.68 | 5.0 |
| M765604 | | 8.0 | 151.5 | <0.002 | 0.03 | 0.61 | 4.5 | 1 | 2.7 | 49.2 | 1.22 | <0.05 | 18.9 | 0.088 | 0.66 | 4.6 |
| M765605 | | 7.4 | 147.0 | <0.002 | 0.01 | 0.60 | 4.1 | 1 | 2.4 | 44.2 | 1.22 | <0.05 | 18.9 | 0.081 | 0.64 | 4.7 |
| M765606 | | 16.7 | 152.5 | <0.002 | 0.05 | 0.64 | 4.4 | 1 | 2.5 | 48.2 | 1.29 | <0.05 | 19.4 | 0.082 | 0.70 | 4.8 |
| M765607 | | 66.2 | 142.0 | <0.002 | 0.16 | 0.64 | 4.2 | <1 | 2.8 | 48.1 | 1.38 | <0.05 | 19.9 | 0.085 | 0.69 | 5.1 |
| M765608 | | 38.3 | 136.0 | <0.002 | 0.29 | 0.70 | 4.2 | 1 | 3.2 | 54.0 | 1.26 | <0.05 | 19.8 | 0.082 | 0.65 | 5.0 |
| M765609 | | 11.5 | 123.5 | <0.002 | 0.08 | 0.80 | 4.1 | 1 | 3.0 | 82.2 | 1.33 | <0.05 | 20.3 | 0.080 | 0.63 | 5.0 |
| M765610 | | 13.6 | 161.5 | <0.002 | 0.03 | 0.66 | 6.6 | 1 | 3.3 | 143.0 | 1.82 | <0.05 | 24.1 | 0.195 | 0.96 | 6.7 |
| M765611 | | 12.0 | 119.0 | <0.002 | 0.10 | 0.67 | 4.4 | 1 | 2.4 | 93.3 | 1.17 | <0.05 | 16.9 | 0.094 | 0.59 | 4.1 |
| M765612 | | 9.6 | 137.0 | <0.002 | 0.02 | 0.88 | 4.6 | <1 | 2.3 | 66.0 | 1.34 | <0.05 | 20.5 | 0.086 | 0.62 | 4.8 |
| M765613 | | 9.3 | 138.0 | <0.002 | 0.02 | 0.72 | 4.3 | <1 | 2.1 | 62.8 | 1.27 | <0.05 | 19.1 | 0.087 | 0.68 | 4.7 |
| M765614 | | 81.4 | 138.5 | <0.002 | 0.13 | 1.04 | 4.3 | 1 | 2.2 | 59.7 | 1.26 | <0.05 | 19.6 | 0.092 | 0.75 | 4.8 |
| M765615 | | 16.2 | 145.5 | <0.002 | 0.11 | 0.66 | 4.3 | <1 | 2.5 | 62.0 | 1.50 | <0.05 | 20.8 | 0.085 | 0.75 | 5.6 |
| M765616 | | 7.4 | 145.0 | <0.002 | 0.04 | 0.63 | 4.4 | 1 | 1.8 | 67.9 | 1.28 | <0.05 | 19.1 | 0.085 | 0.73 | 4.7 |
| M765617 | | 29.9 | 130.0 | <0.002 | 0.11 | 0.68 | 4.4 | 1 | 2.1 | 62.9 | 1.20 | <0.05 | 16.3 | 0.093 | 0.74 | 4.2 |
| M765618 | | 11.6 | 127.0 | <0.002 | 0.34 | 0.73 | 4.4 | 1 | 2.5 | 71.7 | 1.19 | <0.05 | 16.3 | 0.093 | 0.68 | 4.2 |
| M765619 | | 12.8 | 133.5 | <0.002 | 0.20 | 0.98 | 4.5 | 1 | 2.7 | 62.0 | 1.13 | <0.05 | 15.8 | 0.095 | 0.78 | 4.1 |
| M765620 | | 13.2 | 143.5 | <0.002 | 0.18 | 0.83 | 4.4 | 1 | 2.1 | 70.2 | 1.23 | <0.05 | 17.9 | 0.097 | 0.79 | 4.4 |

***** See Appendix Page for comments regarding this certificate *****

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To: **RAINY RIVER RESOURCES LTD.**
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**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 |
|---|---|---|---|---|---|---|
| M765581 | | 4 | 1.3 | 21.9 | 16 | 151.0 |
| M765582 | | 4 | 1.7 | 20.6 | 18 | 145.5 |
| M765583 | | 4 | 2.2 | 18.4 | 27 | 157.5 |
| M765584 | | 4 | 4.9 | 22.7 | 25 | 161.5 |
| M765585 | | 4 | 3.2 | 31.5 | 14 | 164.5 |
| M765586 | | 3 | 1.6 | 28.2 | 12 | 163.0 |
| M765587 | | 3 | 1.2 | 27.6 | 13 | 147.5 |
| M765588 | | 4 | 1.2 | 26.9 | 13 | 147.5 |
| M765589 | | 4 | 1.3 | 24.8 | 16 | 154.5 |
| M765590 | | 5 | 3.7 | 24.2 | 31 | 172.0 |
| M765591 | | 4 | 2.5 | 25.4 | 38 | 155.5 |
| M765592 | | 4 | 2.4 | 22.5 | 21 | 156.0 |
| M765593 | | 4 | 1.9 | 22.9 | 17 | 162.0 |
| M765594 | | 4 | 1.6 | 23.5 | 15 | 162.0 |
| M765595 | | 4 | 1.7 | 24.7 | 18 | 162.5 |
| M765596 | | 4 | 1.9 | 27.3 | 13 | 159.0 |
| M765597 | | 4 | 1.2 | 19.8 | 17 | 170.0 |
| M765598 | | 4 | 1.2 | 23.9 | 18 | 163.5 |
| M765599 | | 4 | 1.6 | 24.6 | 22 | 164.0 |
| M765600 | | 4 | 1.5 | 24.3 | 22 | 161.0 |
| M765601 | | 4 | 1.8 | 24.2 | 24 | 169.5 |
| M765602 | | 4 | 2.0 | 23.3 | 23 | 165.5 |
| M765603 | | 4 | 2.0 | 25.6 | 21 | 165.0 |
| M765604 | | 4 | 2.2 | 25.1 | 25 | 171.5 |
| M765605 | | 4 | 2.3 | 22.7 | 22 | 161.5 |
| M765606 | | 4 | 2.0 | 21.2 | 23 | 172.0 |
| M765607 | | 4 | 2.8 | 21.6 | 62 | 171.5 |
| M765608 | | 4 | 3.6 | 19.8 | 51 | 163.5 |
| M765609 | | 5 | 1.5 | 24.7 | 30 | 161.0 |
| M765610 | | 18 | 2.4 | 33.5 | 86 | 271 |
| M765611 | | 5 | 1.6 | 26.7 | 31 | 178.5 |
| M765612 | | 4 | 1.9 | 22.9 | 23 | 173.0 |
| M765613 | | 4 | 1.6 | 20.0 | 22 | 172.0 |
| M765614 | | 5 | 1.7 | 20.7 | 51 | 174.5 |
| M765615 | | 4 | 1.9 | 22.0 | 33 | 175.5 |
| M765616 | | 5 | 2.0 | 19.1 | 18 | 167.5 |
| M765617 | | 5 | 1.6 | 18.4 | 43 | 162.5 |
| M765618 | | 4 | 2.2 | 21.0 | 25 | 151.5 |
| M765619 | | 5 | 1.6 | 23.6 | 30 | 159.5 |
| M765620 | | 5 | 1.7 | 22.3 | 26 | 160.5 |

***** See Appendix Page for comments regarding this certificate *****

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | ME-MS61 Ag ppm 0.01 | ME-MS61 Al % 0.01 | ME-MS61 As ppm 0.2 | ME-MS61 Ba ppm 10 | ME-MS61 Be ppm 0.05 | ME-MS61 Bi ppm 0.01 | ME-MS61 Ca % 0.01 | ME-MS61 Cd ppm 0.02 | ME-MS61 Ce ppm 0.01 | ME-MS61 Co ppm 0.1 | ME-MS61 Cr ppm 1 | ME-MS61 Cs ppm 0.05 | ME-MS61 Cu ppm 0.2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765621 | | 1.26 | 0.033 | 0.11 | 6.35 | 54.0 | 820 | 1.65 | 0.14 | 0.83 | 0.02 | 81.6 | 2.8 | 7 | 1.31 | 33.2 |
| M765622 | | 1.62 | 0.007 | 0.09 | 6.07 | 52.4 | 730 | 1.72 | 0.11 | 0.61 | 0.02 | 87.6 | 2.2 | 7 | 1.87 | 12.5 |
| M765623 | | 1.84 | <0.005 | 0.07 | 5.98 | 34.9 | 670 | 1.71 | 0.09 | 0.53 | 0.02 | 88.1 | 1.3 | 7 | 1.62 | 2.8 |
| M765624 | | 1.94 | <0.005 | 0.11 | 6.02 | 31.7 | 670 | 1.81 | 0.08 | 0.51 | 0.06 | 84.8 | 2.2 | 7 | 1.75 | 6.2 |
| M765625 | | 0.02 | 1.320 | 0.76 | 8.48 | 2.9 | 90 | 2.39 | 0.80 | 0.90 | 0.12 | 14.70 | 8.7 | 31 | 19.95 | 12.7 |
| M765626 | | 1.78 | <0.005 | 0.06 | 6.17 | 15.0 | 680 | 1.84 | 0.07 | 0.58 | 0.03 | 87.6 | 1.8 | 8 | 1.84 | 3.9 |
| M765627 | | 1.82 | 0.006 | 0.07 | 6.29 | 7.7 | 660 | 1.91 | 0.10 | 0.60 | 0.07 | 90.9 | 1.7 | 7 | 1.60 | 11.6 |
| M765628 | | 1.84 | <0.005 | 0.07 | 6.39 | 5.1 | 680 | 2.00 | 0.11 | 0.58 | 0.02 | 99.1 | 1.5 | 8 | 2.13 | 3.5 |
| M765629 | | 1.92 | <0.005 | 0.10 | 6.31 | 4.6 | 670 | 1.85 | 0.10 | 0.58 | 0.05 | 98.4 | 1.4 | 6 | 1.77 | 7.0 |
| M765630 | | 1.77 | <0.005 | 0.10 | 6.32 | 5.5 | 660 | 1.95 | 0.08 | 0.56 | 0.04 | 97.8 | 1.5 | 7 | 1.78 | 3.9 |
| M765631 | | 1.82 | <0.005 | 0.15 | 6.25 | 11.6 | 640 | 2.01 | 0.12 | 0.58 | 0.11 | 89.9 | 1.3 | 7 | 1.63 | 6.7 |
| M765632 | | 1.89 | <0.005 | 0.10 | 6.26 | 8.4 | 640 | 2.01 | 0.13 | 0.58 | 0.12 | 89.7 | 1.4 | 9 | 1.74 | 6.9 |
| M765633 | | 1.75 | <0.005 | 0.14 | 6.32 | 5.7 | 650 | 2.16 | 0.12 | 0.52 | 0.03 | 96.7 | 1.4 | 8 | 1.95 | 5.0 |
| M765634 | | 1.85 | <0.005 | 0.11 | 6.20 | 7.0 | 530 | 2.27 | 0.16 | 0.47 | 0.04 | 81.4 | 1.3 | 8 | 1.53 | 4.6 |
| M765635 | | 1.91 | <0.005 | 0.13 | 6.18 | 23.8 | 690 | 1.88 | 0.20 | 0.48 | 0.04 | 89.3 | 1.3 | 7 | 1.40 | 3.9 |
| M765636 | | 1.89 | <0.005 | 0.12 | 6.44 | 30.4 | 690 | 1.94 | 0.14 | 0.50 | 0.05 | 95.5 | 1.2 | 8 | 1.63 | 3.5 |
| M765637 | | 0.62 | <0.005 | 0.12 | 6.52 | 62.1 | 730 | 1.86 | 0.12 | 0.59 | 0.24 | 66.1 | 1.1 | 6 | 1.63 | 10.0 |
| M765638 | | 1.20 | <0.005 | 0.14 | 6.30 | 42.8 | 680 | 1.81 | 0.15 | 0.69 | 0.03 | 99.6 | 1.0 | 7 | 1.17 | 3.6 |
| M765639 | | 1.80 | <0.005 | 0.17 | 6.41 | 27.6 | 670 | 1.91 | 0.37 | 0.52 | 0.04 | 92.9 | 1.2 | 10 | 1.14 | 2.7 |
| M765640 | | 1.85 | <0.005 | 0.21 | 6.48 | 28.6 | 670 | 1.86 | 0.17 | 0.53 | 0.04 | 94.2 | 1.4 | 7 | 1.10 | 4.2 |
| M765641 | | 1.77 | <0.005 | 0.18 | 6.30 | 73.8 | 660 | 2.05 | 0.17 | 0.56 | 0.14 | 94.0 | 1.5 | 6 | 1.10 | 7.1 |
| M765642 | | 1.79 | <0.005 | 0.35 | 6.35 | 16.2 | 650 | 1.96 | 0.12 | 0.58 | <0.02 | 91.5 | 1.1 | 6 | 1.11 | 3.5 |
| M765643 | | 1.84 | 0.015 | 0.15 | 6.33 | 45.3 | 660 | 1.76 | 0.13 | 0.54 | 0.04 | 88.7 | 1.5 | 6 | 1.11 | 5.1 |
| M765644 | | 1.89 | <0.005 | 0.09 | 6.38 | 18.7 | 630 | 1.95 | 0.12 | 0.51 | 0.03 | 90.4 | 1.3 | 10 | 1.00 | 2.5 |
| M765645 | | 1.71 | <0.005 | 0.07 | 6.13 | 20.0 | 660 | 1.86 | 0.09 | 0.53 | 0.03 | 93.2 | 1.2 | 6 | 0.98 | 6.2 |
| M765646 | | 1.84 | <0.005 | 0.51 | 6.33 | 24.9 | 690 | 1.93 | 0.09 | 0.58 | 0.03 | 96.9 | 2.8 | 8 | 0.94 | 3.5 |
| M765647 | | 1.81 | <0.005 | 0.22 | 6.19 | 21.7 | 680 | 1.74 | 0.11 | 0.52 | 0.02 | 95.7 | 2.1 | 7 | 0.95 | 4.7 |

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**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Fe % 0.01 | ME-MS61 Ga ppm 0.05 | ME-MS61 Ge ppm 0.05 | ME-MS61 Hf ppm 0.1 | ME-MS61 In ppm 0.005 | ME-MS61 K % 0.01 | ME-MS61 La ppm 0.5 | ME-MS61 Li ppm 0.2 | ME-MS61 Mg % 0.01 | ME-MS61 Mn ppm 5 | ME-MS61 Mo ppm 0.05 | ME-MS61 Na % 0.01 | ME-MS61 Nb ppm 0.1 | ME-MS61 Ni ppm 0.2 | ME-MS61 P ppm 10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765621 | | 1.74 | 14.80 | 0.15 | 5.7 | 0.032 | 2.90 | 41.8 | 16.6 | 0.09 | 328 | 1.06 | 2.34 | 12.4 | 1.3 | 100 |
| M765622 | | 1.22 | 15.15 | 0.14 | 5.9 | 0.017 | 3.33 | 43.9 | 13.7 | 0.09 | 275 | 2.87 | 2.42 | 12.2 | 1.0 | 90 |
| M765623 | | 1.18 | 15.25 | 0.14 | 4.9 | 0.015 | 3.29 | 43.4 | 9.4 | 0.09 | 229 | 2.15 | 2.48 | 12.0 | 1.1 | 90 |
| M765624 | | 1.14 | 14.80 | 0.12 | 5.2 | 0.020 | 3.29 | 42.9 | 10.4 | 0.08 | 193 | 1.90 | 2.54 | 12.3 | 1.0 | 100 |
| M765625 | | 3.97 | 19.15 | 0.10 | 1.4 | 0.012 | 2.51 | 7.3 | 5.1 | 0.92 | 239 | 1.03 | 5.18 | 8.4 | 32.9 | 660 |
| M765626 | | 1.23 | 15.70 | 0.13 | 5.5 | 0.014 | 3.33 | 45.3 | 10.8 | 0.09 | 225 | 2.16 | 2.55 | 12.9 | 1.2 | 100 |
| M765627 | | 1.20 | 15.80 | 0.13 | 5.3 | 0.024 | 3.29 | 45.0 | 12.6 | 0.08 | 239 | 2.32 | 2.62 | 13.0 | 1.1 | 90 |
| M765628 | | 1.25 | 16.60 | 0.13 | 5.2 | 0.025 | 3.48 | 49.7 | 11.2 | 0.09 | 234 | 3.06 | 2.68 | 13.4 | 1.2 | 100 |
| M765629 | | 1.23 | 16.05 | 0.15 | 5.7 | 0.031 | 3.39 | 49.6 | 11.0 | 0.10 | 254 | 2.14 | 2.63 | 13.3 | 1.0 | 100 |
| M765630 | | 1.28 | 16.35 | 0.14 | 5.7 | 0.026 | 3.37 | 47.8 | 10.7 | 0.10 | 260 | 2.46 | 2.64 | 13.9 | 1.3 | 100 |
| M765631 | | 1.23 | 16.05 | 0.12 | 5.6 | 0.028 | 3.36 | 45.4 | 11.4 | 0.10 | 266 | 2.56 | 2.61 | 13.5 | 1.1 | 100 |
| M765632 | | 1.23 | 15.85 | 0.16 | 5.6 | 0.038 | 3.37 | 44.8 | 12.1 | 0.09 | 261 | 3.11 | 2.59 | 14.0 | 1.2 | 100 |
| M765633 | | 1.26 | 16.05 | 0.16 | 5.9 | 0.028 | 3.38 | 49.2 | 8.8 | 0.10 | 279 | 2.66 | 2.68 | 14.3 | 1.2 | 110 |
| M765634 | | 1.17 | 16.20 | 0.14 | 5.7 | 0.024 | 3.37 | 40.6 | 6.4 | 0.08 | 257 | 2.69 | 2.67 | 15.0 | 1.2 | 90 |
| M765635 | | 1.32 | 15.45 | 0.17 | 5.3 | 0.026 | 3.41 | 46.1 | 7.3 | 0.10 | 316 | 2.74 | 2.63 | 12.6 | 1.1 | 110 |
| M765636 | | 1.33 | 15.45 | 0.14 | 5.1 | 0.026 | 3.42 | 48.4 | 7.6 | 0.11 | 307 | 2.79 | 2.70 | 12.9 | 1.2 | 110 |
| M765637 | | 1.17 | 16.85 | 0.14 | 5.7 | 0.043 | 3.48 | 33.3 | 11.7 | 0.10 | 250 | 4.00 | 2.61 | 14.9 | 1.0 | 90 |
| M765638 | | 1.15 | 15.00 | 0.13 | 5.2 | 0.025 | 3.43 | 51.1 | 8.4 | 0.09 | 278 | 2.28 | 2.52 | 13.2 | 1.1 | 110 |
| M765639 | | 1.33 | 15.90 | 0.14 | 5.4 | 0.028 | 3.42 | 47.3 | 7.0 | 0.10 | 266 | 2.19 | 2.66 | 12.6 | 1.1 | 100 |
| M765640 | | 1.35 | 15.85 | 0.15 | 5.0 | 0.029 | 3.41 | 49.0 | 6.9 | 0.11 | 273 | 2.29 | 2.70 | 12.5 | 1.4 | 110 |
| M765641 | | 1.23 | 16.35 | 0.15 | 5.5 | 0.029 | 3.34 | 46.5 | 7.4 | 0.09 | 270 | 3.31 | 2.60 | 12.8 | 1.1 | 100 |
| M765642 | | 1.30 | 15.75 | 0.16 | 5.6 | 0.022 | 3.40 | 45.3 | 6.4 | 0.10 | 286 | 2.08 | 2.65 | 13.7 | 1.2 | 100 |
| M765643 | | 1.24 | 16.05 | 0.16 | 5.3 | 0.025 | 3.41 | 42.9 | 6.4 | 0.09 | 275 | 2.43 | 2.68 | 12.4 | 1.1 | 100 |
| M765644 | | 1.44 | 15.95 | 0.16 | 6.4 | 0.019 | 3.24 | 44.1 | 6.5 | 0.11 | 275 | 1.82 | 2.82 | 14.2 | 1.4 | 120 |
| M765645 | | 1.29 | 15.45 | 0.13 | 5.3 | 0.029 | 3.31 | 46.5 | 6.4 | 0.09 | 240 | 1.48 | 2.55 | 12.5 | 1.1 | 100 |
| M765646 | | 1.30 | 15.80 | 0.16 | 5.3 | 0.023 | 3.37 | 48.7 | 6.3 | 0.09 | 227 | 1.53 | 2.61 | 12.6 | 1.4 | 100 |
| M765647 | | 1.24 | 16.05 | 0.13 | 5.3 | 0.014 | 3.33 | 47.7 | 6.0 | 0.10 | 203 | 1.61 | 2.59 | 13.1 | 1.0 | 110 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M765621 | | 11.5 | 126.0 | <0.002 | 0.46 | 0.59 | 4.2 | 1 | 3.1 | 53.4 | 1.20 | <0.05 | 16.6 | 0.095 | 0.61 | 4.5 |
| M765622 | | 9.9 | 138.0 | <0.002 | 0.12 | 0.98 | 4.3 | 2 | 1.6 | 60.7 | 1.14 | <0.05 | 16.8 | 0.091 | 0.76 | 4.2 |
| M765623 | | 6.5 | 139.5 | <0.002 | 0.02 | 0.98 | 4.0 | 1 | 1.8 | 62.0 | 1.12 | <0.05 | 16.1 | 0.085 | 0.78 | 4.0 |
| M765624 | | 16.6 | 136.5 | <0.002 | 0.04 | 0.95 | 4.1 | 1 | 1.9 | 53.2 | 1.19 | <0.05 | 16.7 | 0.090 | 0.72 | 4.1 |
| M765625 | | 84.1 | 580 | <0.002 | 3.06 | 1.32 | 3.3 | <1 | 1.1 | 171.0 | 0.70 | <0.05 | 2.4 | 0.219 | 6.79 | 1.2 |
| M765626 | | 9.8 | 143.5 | <0.002 | 0.03 | 0.68 | 4.4 | 1 | 2.0 | 57.2 | 1.17 | <0.05 | 17.1 | 0.092 | 0.79 | 4.6 |
| M765627 | | 14.1 | 149.0 | <0.002 | 0.10 | 0.49 | 4.4 | 1 | 2.2 | 54.7 | 1.22 | <0.05 | 17.3 | 0.090 | 0.77 | 4.4 |
| M765628 | | 10.6 | 160.0 | <0.002 | 0.01 | 0.55 | 4.8 | 1 | 2.6 | 54.8 | 1.22 | <0.05 | 18.1 | 0.097 | 0.84 | 4.5 |
| M765629 | | 19.5 | 161.0 | <0.002 | 0.01 | 0.54 | 4.6 | 1 | 2.8 | 50.9 | 1.20 | <0.05 | 18.0 | 0.095 | 0.84 | 4.8 |
| M765630 | | 10.9 | 164.0 | <0.002 | <0.01 | 0.54 | 4.7 | 1 | 2.8 | 52.9 | 1.21 | 0.05 | 17.8 | 0.098 | 0.83 | 4.6 |
| M765631 | | 36.8 | 159.5 | <0.002 | 0.03 | 0.51 | 4.5 | 1 | 2.7 | 45.9 | 1.29 | <0.05 | 17.8 | 0.097 | 0.80 | 4.7 |
| M765632 | | 47.8 | 159.0 | <0.002 | 0.03 | 0.44 | 4.5 | 1 | 2.6 | 45.9 | 1.30 | <0.05 | 18.5 | 0.094 | 0.82 | 4.4 |
| M765633 | | 12.4 | 164.5 | <0.002 | <0.01 | 0.45 | 4.6 | 1 | 2.9 | 45.9 | 1.31 | <0.05 | 18.3 | 0.099 | 0.84 | 4.9 |
| M765634 | | 10.8 | 173.0 | <0.002 | <0.01 | 0.58 | 4.1 | 1 | 2.8 | 36.3 | 1.44 | <0.05 | 19.9 | 0.083 | 0.90 | 5.6 |
| M765635 | | 9.3 | 155.0 | <0.002 | <0.01 | 0.71 | 4.3 | 1 | 2.8 | 45.0 | 1.17 | <0.05 | 16.7 | 0.096 | 0.80 | 4.2 |
| M765636 | | 11.2 | 159.5 | <0.002 | 0.01 | 0.72 | 4.4 | 1 | 2.7 | 43.7 | 1.16 | <0.05 | 17.0 | 0.100 | 0.74 | 4.3 |
| M765637 | | 25.4 | 150.5 | <0.002 | 0.06 | 0.91 | 5.0 | 1 | 3.0 | 52.9 | 1.32 | <0.05 | 17.9 | 0.092 | 0.71 | 4.8 |
| M765638 | | 12.6 | 149.5 | <0.002 | 0.01 | 1.01 | 4.2 | 1 | 2.4 | 55.8 | 1.40 | <0.05 | 17.2 | 0.091 | 0.69 | 3.7 |
| M765639 | | 15.8 | 152.0 | <0.002 | 0.01 | 1.10 | 4.6 | 1 | 2.3 | 52.0 | 1.18 | <0.05 | 17.9 | 0.090 | 0.71 | 4.3 |
| M765640 | | 12.2 | 150.5 | <0.002 | 0.02 | 1.00 | 4.6 | 1 | 2.3 | 45.1 | 1.12 | 0.06 | 16.9 | 0.097 | 0.72 | 4.4 |
| M765641 | | 48.7 | 149.0 | <0.002 | 0.03 | 1.30 | 4.5 | 1 | 2.6 | 52.3 | 1.14 | <0.05 | 16.2 | 0.091 | 0.67 | 4.4 |
| M765642 | | 10.3 | 151.0 | <0.002 | <0.01 | 0.89 | 4.7 | 1 | 2.3 | 47.5 | 1.20 | <0.05 | 17.4 | 0.094 | 0.67 | 5.2 |
| M765643 | | 15.7 | 155.0 | <0.002 | 0.01 | 0.80 | 4.5 | 1 | 2.1 | 42.8 | 1.15 | 0.05 | 16.6 | 0.089 | 0.75 | 4.5 |
| M765644 | | 5.6 | 141.0 | <0.002 | <0.01 | 0.82 | 5.1 | 1 | 2.4 | 40.4 | 1.36 | <0.05 | 18.6 | 0.104 | 0.64 | 5.1 |
| M765645 | | 16.2 | 142.5 | <0.002 | 0.01 | 0.91 | 4.5 | 1 | 2.0 | 42.5 | 1.11 | <0.05 | 16.2 | 0.091 | 0.55 | 4.0 |
| M765646 | | 9.4 | 135.5 | <0.002 | <0.01 | 0.98 | 4.6 | 1 | 1.9 | 51.7 | 1.12 | 0.07 | 16.7 | 0.093 | 0.52 | 4.1 |
| M765647 | | 7.9 | 137.0 | <0.002 | <0.01 | 0.95 | 4.5 | 1 | 2.3 | 55.7 | 1.15 | <0.05 | 16.2 | 0.096 | 0.52 | 3.8 |

***** See Appendix Page for comments regarding this certificate *****

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**Finalized Date: 8-MAY-2012**
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# CERTIFICATE OF ANALYSIS TB12089803

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61<br>V<br>ppm<br>1 | ME-MS61<br>W<br>ppm<br>0.1 | ME-MS61<br>Y<br>ppm<br>0.1 | ME-MS61<br>Zn<br>ppm<br>2 | ME-MS61<br>Zr<br>ppm<br>0.5 |
|---|---|---|---|---|---|---|
| M765621 | | 5 | 2.9 | 20.7 | 14 | 174.5 |
| M765622 | | 4 | 1.2 | 18.9 | 20 | 183.0 |
| M765623 | | 4 | 1.5 | 16.4 | 16 | 146.5 |
| M765624 | | 5 | 1.3 | 17.0 | 23 | 154.5 |
| M765625 | | 27 | 0.2 | 4.9 | 37 | 46.5 |
| M765626 | | 4 | 1.5 | 18.2 | 21 | 161.0 |
| M765627 | | 4 | 1.8 | 17.6 | 31 | 156.0 |
| M765628 | | 5 | 1.6 | 20.1 | 24 | 163.0 |
| M765629 | | 5 | 2.3 | 22.3 | 36 | 180.5 |
| M765630 | | 5 | 2.4 | 21.3 | 26 | 175.5 |
| M765631 | | 5 | 2.4 | 20.4 | 41 | 168.5 |
| M765632 | | 5 | 1.8 | 18.9 | 39 | 169.0 |
| M765633 | | 5 | 3.0 | 28.6 | 32 | 173.5 |
| M765634 | | 4 | 2.1 | 31.3 | 30 | 168.0 |
| M765635 | | 5 | 2.2 | 27.7 | 43 | 158.0 |
| M765636 | | 5 | 2.2 | 26.5 | 43 | 157.0 |
| M765637 | | 5 | 2.3 | 18.4 | 59 | 162.5 |
| M765638 | | 5 | 2.0 | 19.6 | 22 | 157.5 |
| M765639 | | 5 | 2.5 | 23.5 | 28 | 165.0 |
| M765640 | | 5 | 2.2 | 26.0 | 31 | 150.0 |
| M765641 | | 4 | 1.9 | 23.3 | 43 | 169.5 |
| M765642 | | 5 | 2.0 | 27.6 | 26 | 180.0 |
| M765643 | | 5 | 1.8 | 26.3 | 29 | 164.0 |
| M765644 | | 5 | 1.7 | 31.4 | 29 | 196.0 |
| M765645 | | 5 | 1.2 | 23.7 | 23 | 166.0 |
| M765646 | | 5 | 1.1 | 22.8 | 20 | 167.5 |
| M765647 | | 5 | 1.2 | 27.0 | 23 | 167.5 |

***** See Appendix Page for comments regarding this certificate *****

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**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 8-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12089803

| Method | CERTIFICATE COMMENTS |
|---|---|
| ME-MS61 | REE's may not be totally soluble in this method. |