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: 2-MAY-2012**
**Account: RRRTPK**

# CERTIFICATE TB12085286

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 175 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 18-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 TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763451 | | 2.27 | <0.005 | 0.07 | 6.13 | 2.8 | 1020 | 1.66 | 0.06 | 0.60 | 0.05 | 93.6 | 2.0 | 10 | 0.31 | 3.8 |
| M763452 | | 2.24 | <0.005 | 0.07 | 6.93 | 8.9 | 600 | 1.90 | 0.07 | 1.45 | 0.07 | 70.2 | 7.5 | 8 | 1.06 | 4.8 |
| M763453 | | 2.23 | <0.005 | 0.08 | 7.37 | 7.9 | 410 | 2.00 | 0.11 | 3.36 | 0.06 | 69.2 | 14.2 | 6 | 2.94 | 3.2 |
| M763454 | | 2.21 | 0.006 | 0.12 | 7.66 | 6.3 | 340 | 1.55 | 0.19 | 3.32 | 0.06 | 68.9 | 15.1 | 14 | 2.31 | 9.3 |
| M763455 | | 2.55 | <0.005 | 0.06 | 6.84 | 4.2 | 380 | 1.67 | 0.09 | 2.15 | 0.03 | 42.2 | 8.7 | 8 | 1.28 | 3.9 |
| M763456 | | 2.21 | <0.005 | 0.07 | 6.39 | 6.3 | 720 | 1.78 | 0.07 | 0.95 | 0.04 | 56.7 | 1.4 | 12 | 0.19 | 3.8 |
| M763457 | | 2.30 | <0.005 | 0.04 | 5.96 | 5.3 | 880 | 1.53 | 0.06 | 0.48 | 0.03 | 87.1 | 1.5 | 16 | 0.23 | 4.2 |
| M763458 | | 2.33 | <0.005 | 0.04 | 6.08 | 4.8 | 940 | 1.77 | 0.17 | 0.43 | 0.04 | 117.0 | 1.8 | 16 | 0.30 | 4.6 |
| M763459 | | 2.16 | <0.005 | 0.05 | 6.02 | 7.8 | 910 | 1.81 | 0.17 | 0.38 | 0.07 | 97.4 | 2.3 | 8 | 0.44 | 25.5 |
| M763460 | | 2.17 | <0.005 | 0.03 | 5.99 | 10.5 | 630 | 1.81 | 0.05 | 0.86 | 0.06 | 60.7 | 1.6 | 9 | 0.23 | 4.7 |
| M763461 | | 2.49 | <0.005 | 0.03 | 6.23 | 12.6 | 1070 | 1.47 | 0.08 | 0.63 | 0.05 | 106.0 | 2.8 | 11 | 0.31 | 10.8 |
| M763462 | | 1.59 | <0.005 | 0.04 | 5.93 | 43.5 | 1250 | 1.29 | 0.05 | 0.73 | 0.05 | 89.4 | 2.3 | 8 | 0.27 | 5.4 |
| M763463 | | 1.95 | <0.005 | 0.03 | 6.08 | 13.5 | 1200 | 1.31 | 0.05 | 0.67 | 0.02 | 104.5 | 2.5 | 11 | 0.24 | 2.5 |
| M763464 | | 1.78 | <0.005 | 0.11 | 6.13 | 11.1 | 1160 | 1.43 | 0.09 | 0.63 | 0.02 | 107.0 | 2.4 | 9 | 0.29 | 3.7 |
| M763465 | | 2.01 | <0.005 | 0.04 | 6.24 | 6.5 | 1030 | 1.50 | 0.09 | 0.48 | 0.03 | 121.0 | 1.0 | 9 | 0.32 | 2.0 |
| M763466 | | 1.67 | <0.005 | 0.04 | 6.18 | 6.7 | 810 | 1.62 | 0.07 | 0.40 | 0.04 | 114.0 | 0.9 | 11 | 0.45 | 1.9 |
| M763467 | | 1.98 | <0.005 | 0.06 | 6.10 | 12.7 | 990 | 1.53 | 0.07 | 0.45 | 0.03 | 116.5 | 1.5 | 9 | 0.39 | 2.2 |
| M763468 | | 1.77 | <0.005 | 0.12 | 6.27 | 12.5 | 1100 | 1.49 | 0.06 | 0.78 | 0.03 | 137.5 | 2.2 | 9 | 0.46 | 3.8 |
| M763469 | | 1.78 | <0.005 | 0.04 | 6.19 | 11.5 | 1090 | 1.76 | 0.05 | 0.63 | 0.03 | 127.0 | 2.1 | 10 | 0.47 | 4.5 |
| M763470 | | 1.73 | <0.005 | 0.07 | 6.29 | 10.0 | 970 | 1.96 | 0.05 | 0.94 | 0.04 | 133.0 | 2.8 | 6 | 0.72 | 3.0 |
| M763471 | | 2.04 | <0.005 | 0.05 | 6.33 | 13.5 | 880 | 1.53 | 0.05 | 0.79 | 0.06 | 134.5 | 2.9 | 8 | 0.52 | 10.3 |
| M763472 | | 1.82 | <0.005 | 0.10 | 5.94 | 21.2 | 940 | 1.48 | 0.06 | 0.85 | 0.15 | 124.5 | 6.1 | 7 | 0.50 | 30.6 |
| M763473 | | 1.94 | <0.005 | 0.06 | 6.36 | 11.1 | 1080 | 1.62 | 0.05 | 0.84 | 0.05 | 133.5 | 4.6 | 9 | 0.63 | 6.4 |
| M763474 | | 1.82 | <0.005 | 0.10 | 6.02 | 9.7 | 990 | 1.62 | 0.07 | 0.66 | 0.05 | 112.5 | 2.1 | 12 | 0.51 | 2.4 |
| M763475 | | 0.02 | 1.340 | 0.76 | 8.40 | 3.0 | 90 | 1.87 | 0.63 | 0.89 | 0.13 | 16.45 | 8.6 | 28 | 20.3 | 13.5 |
| M763476 | | 1.86 | <0.005 | 0.08 | 6.32 | 7.3 | 1080 | 1.70 | 0.06 | 0.65 | 0.06 | 136.5 | 2.4 | 7 | 0.55 | 5.1 |
| M763477 | | 1.85 | <0.005 | 0.02 | 5.96 | 2.8 | 730 | 2.37 | 0.09 | 0.43 | 0.03 | 112.0 | 0.9 | 10 | 0.73 | 2.9 |
| M763478 | | 2.20 | <0.005 | 0.06 | 6.40 | 5.2 | 1080 | 1.79 | 0.08 | 0.69 | 0.03 | 119.5 | 1.8 | 8 | 0.66 | 2.6 |
| M763479 | | 2.22 | <0.005 | 0.04 | 6.90 | 4.9 | 1130 | 1.73 | 0.07 | 1.01 | 0.06 | 118.5 | 2.7 | 6 | 0.75 | 2.5 |
| M763480 | | 2.12 | <0.005 | 0.05 | 6.62 | 4.5 | 970 | 1.87 | 0.07 | 1.04 | 0.07 | 112.0 | 2.4 | 7 | 0.77 | 3.7 |
| M763481 | | 2.54 | <0.005 | 0.07 | 7.12 | 5.6 | 840 | 1.75 | 0.08 | 1.97 | 0.07 | 98.3 | 7.8 | 6 | 2.17 | 4.9 |
| M763482 | | 2.14 | <0.005 | 0.06 | 6.75 | 16.7 | 1070 | 1.59 | 0.09 | 0.92 | 0.07 | 116.0 | 1.7 | 7 | 0.41 | 2.4 |
| M763483 | | 2.12 | <0.005 | 0.06 | 6.58 | 16.6 | 540 | 1.63 | 0.07 | 1.35 | 0.03 | 73.0 | 1.7 | 9 | 0.32 | 3.7 |
| M763484 | | 2.31 | <0.005 | 0.02 | 7.65 | 14.0 | 170 | 0.60 | 0.13 | 7.46 | 0.12 | 98.6 | 35.0 | 4 | 0.66 | 19.8 |
| M763485 | | 2.45 | <0.005 | 0.09 | 7.29 | 12.3 | 170 | 1.09 | 0.16 | 6.18 | 0.13 | 80.6 | 27.9 | 5 | 0.63 | 13.3 |
| M763486 | | 2.24 | <0.005 | 0.21 | 6.47 | 35.4 | 550 | 1.73 | 0.07 | 1.32 | 0.82 | 50.3 | 2.0 | 7 | 0.36 | 19.0 |
| M763487 | | 2.23 | <0.005 | 0.04 | 6.13 | 18.3 | 890 | 1.72 | 0.06 | 1.17 | 0.04 | 97.7 | 2.7 | 9 | 0.45 | 13.6 |
| M763488 | | 2.18 | <0.005 | 0.05 | 6.58 | 15.7 | 610 | 1.68 | 0.06 | 1.06 | 0.06 | 81.3 | 3.1 | 7 | 0.29 | 14.9 |
| M763489 | | 2.19 | <0.005 | 0.07 | 6.27 | 23.7 | 730 | 1.57 | 0.05 | 0.81 | 0.13 | 124.5 | 3.0 | 9 | 0.29 | 19.3 |
| M763490 | | 2.34 | <0.005 | 0.08 | 6.59 | 21.6 | 960 | 1.66 | 0.09 | 1.15 | 0.06 | 106.0 | 5.5 | 7 | 0.27 | 20.4 |

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**Finalized Date: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763451 | | 1.15 | 16.90 | 0.16 | 7.3 | 0.026 | 2.44 | 48.4 | 2.0 | 0.05 | 182 | 0.85 | 3.02 | 14.3 | 1.4 | 30 |
| M763452 | | 2.54 | 18.80 | 0.16 | 6.7 | 0.046 | 0.89 | 34.7 | 7.5 | 0.28 | 505 | 0.49 | 4.04 | 16.3 | 3.7 | 360 |
| M763453 | | 4.29 | 18.90 | 0.18 | 6.5 | 0.079 | 1.54 | 29.4 | 16.2 | 0.92 | 820 | 1.08 | 3.45 | 17.8 | 6.2 | 3800 |
| M763454 | | 5.03 | 18.40 | 0.19 | 5.3 | 0.096 | 1.32 | 32.2 | 14.8 | 0.68 | 713 | 1.18 | 3.12 | 14.3 | 9.2 | 820 |
| M763455 | | 2.63 | 17.25 | 0.15 | 7.0 | 0.040 | 0.94 | 17.3 | 11.3 | 0.57 | 488 | 0.52 | 3.73 | 12.1 | 4.2 | 610 |
| M763456 | | 0.83 | 16.50 | 0.14 | 7.4 | 0.013 | 1.29 | 28.3 | 1.6 | 0.04 | 145 | 0.92 | 3.68 | 13.8 | 1.1 | 30 |
| M763457 | | 0.96 | 16.50 | 0.17 | 6.8 | 0.020 | 2.40 | 45.2 | 1.8 | 0.03 | 142 | 0.79 | 2.99 | 14.8 | 0.9 | 20 |
| M763458 | | 1.23 | 17.00 | 0.20 | 6.8 | 0.029 | 2.99 | 61.6 | 2.1 | 0.03 | 176 | 1.54 | 2.79 | 17.0 | 0.9 | 30 |
| M763459 | | 1.15 | 16.85 | 0.19 | 7.7 | 0.024 | 2.61 | 50.2 | 2.7 | 0.04 | 161 | 1.33 | 2.88 | 16.4 | 0.8 | 30 |
| M763460 | | 0.89 | 17.40 | 0.16 | 7.8 | 0.014 | 1.29 | 30.6 | 2.2 | 0.03 | 165 | 0.58 | 3.40 | 15.8 | 1.0 | 30 |
| M763461 | | 1.17 | 17.45 | 0.20 | 7.3 | 0.027 | 2.39 | 55.2 | 2.3 | 0.04 | 195 | 0.78 | 3.09 | 15.7 | 0.9 | 20 |
| M763462 | | 1.06 | 16.35 | 0.18 | 6.8 | 0.024 | 2.32 | 46.3 | 1.9 | 0.03 | 194 | 0.70 | 2.84 | 16.8 | 1.0 | 20 |
| M763463 | | 1.23 | 17.05 | 0.20 | 7.3 | 0.027 | 2.32 | 54.1 | 1.8 | 0.04 | 191 | 0.91 | 3.02 | 17.5 | 0.8 | 30 |
| M763464 | | 1.37 | 17.05 | 0.21 | 6.9 | 0.031 | 2.28 | 56.0 | 2.5 | 0.05 | 214 | 0.84 | 3.12 | 15.0 | 1.1 | 40 |
| M763465 | | 1.24 | 17.00 | 0.22 | 7.1 | 0.038 | 2.85 | 63.8 | 1.9 | 0.03 | 209 | 1.35 | 3.01 | 16.0 | 0.7 | 40 |
| M763466 | | 1.41 | 17.60 | 0.23 | 7.5 | 0.040 | 3.08 | 60.4 | 2.2 | 0.03 | 236 | 1.45 | 2.85 | 17.6 | 1.0 | 30 |
| M763467 | | 1.36 | 16.95 | 0.23 | 7.5 | 0.037 | 2.99 | 60.7 | 2.4 | 0.03 | 219 | 1.55 | 2.88 | 17.1 | 0.7 | 40 |
| M763468 | | 1.53 | 17.65 | 0.24 | 7.5 | 0.040 | 2.20 | 72.0 | 3.5 | 0.05 | 302 | 1.04 | 3.23 | 16.9 | 1.2 | 50 |
| M763469 | | 1.35 | 17.40 | 0.23 | 7.9 | 0.046 | 2.73 | 67.4 | 3.6 | 0.04 | 230 | 0.86 | 2.94 | 17.6 | 0.7 | 50 |
| M763470 | | 1.76 | 17.50 | 0.23 | 7.7 | 0.061 | 1.98 | 71.2 | 5.0 | 0.06 | 314 | 0.89 | 3.18 | 16.8 | 1.0 | 60 |
| M763471 | | 1.63 | 17.70 | 0.23 | 7.9 | 0.040 | 1.90 | 72.0 | 4.2 | 0.05 | 268 | 1.66 | 3.26 | 17.3 | 0.8 | 40 |
| M763472 | | 1.50 | 16.80 | 0.24 | 7.3 | 0.041 | 2.20 | 65.6 | 4.3 | 0.04 | 268 | 3.06 | 2.95 | 16.8 | 1.2 | 50 |
| M763473 | | 1.76 | 16.90 | 0.24 | 7.9 | 0.039 | 2.17 | 71.3 | 4.4 | 0.06 | 243 | 1.44 | 3.10 | 16.5 | 1.0 | 60 |
| M763474 | | 1.56 | 16.70 | 0.22 | 7.6 | 0.040 | 2.05 | 58.9 | 3.1 | 0.04 | 250 | 1.30 | 3.13 | 15.3 | 1.0 | 50 |
| M763475 | | 3.90 | 18.85 | 0.19 | 1.3 | 0.012 | 2.46 | 8.5 | 4.3 | 0.88 | 238 | 0.97 | 5.09 | 9.3 | 31.7 | 680 |
| M763476 | | 1.63 | 16.75 | 0.23 | 7.6 | 0.053 | 2.41 | 72.5 | 3.1 | 0.05 | 273 | 1.85 | 3.20 | 14.9 | 0.8 | 50 |
| M763477 | | 1.30 | 17.00 | 0.17 | 8.8 | 0.050 | 3.08 | 52.4 | 1.7 | 0.03 | 204 | 2.28 | 3.09 | 16.7 | 0.8 | 30 |
| M763478 | | 1.90 | 16.05 | 0.22 | 8.5 | 0.055 | 2.64 | 56.4 | 3.1 | 0.06 | 335 | 2.25 | 3.41 | 14.6 | 0.6 | 70 |
| M763479 | | 2.41 | 18.90 | 0.20 | 9.8 | 0.076 | 2.12 | 55.4 | 4.2 | 0.09 | 436 | 1.98 | 3.76 | 15.0 | 0.7 | 120 |
| M763480 | | 2.46 | 17.90 | 0.22 | 10.7 | 0.066 | 2.00 | 53.5 | 3.6 | 0.08 | 475 | 3.08 | 3.61 | 15.2 | 0.7 | 130 |
| M763481 | | 4.33 | 19.10 | 0.20 | 7.2 | 0.076 | 2.22 | 43.5 | 16.5 | 0.54 | 864 | 2.57 | 3.42 | 15.0 | 4.5 | 650 |
| M763482 | | 2.10 | 17.65 | 0.23 | 9.3 | 0.047 | 1.69 | 56.9 | 2.7 | 0.08 | 311 | 2.27 | 3.88 | 14.6 | 0.8 | 110 |
| M763483 | | 1.21 | 17.80 | 0.17 | 8.3 | 0.019 | 0.69 | 29.0 | 2.9 | 0.08 | 296 | 0.68 | 4.09 | 14.4 | 1.3 | 100 |
| M763484 | | 11.85 | 18.20 | 0.24 | 1.3 | 0.066 | 0.62 | 38.4 | 5.3 | 2.26 | 1780 | 0.55 | 2.20 | 6.7 | 16.5 | 8970 |
| M763485 | | 7.82 | 18.10 | 0.25 | 2.4 | 0.106 | 0.64 | 33.2 | 5.0 | 1.85 | 1380 | 0.76 | 2.73 | 8.6 | 11.5 | 5860 |
| M763486 | | 1.12 | 16.90 | 0.15 | 8.9 | 0.020 | 0.73 | 18.4 | 4.3 | 0.09 | 254 | 0.70 | 3.89 | 14.1 | 1.1 | 350 |
| M763487 | | 1.27 | 16.40 | 0.18 | 7.1 | 0.036 | 0.97 | 47.6 | 3.3 | 0.09 | 243 | 1.72 | 3.40 | 13.0 | 1.3 | 110 |
| M763488 | | 1.54 | 16.50 | 0.18 | 7.6 | 0.015 | 0.97 | 38.9 | 2.7 | 0.07 | 236 | 0.55 | 3.96 | 12.6 | 1.1 | 120 |
| M763489 | | 1.50 | 15.80 | 0.20 | 8.2 | 0.037 | 1.26 | 61.6 | 3.6 | 0.10 | 219 | 2.72 | 3.63 | 13.2 | 1.3 | 130 |
| M763490 | | 2.06 | 15.90 | 0.19 | 7.7 | 0.028 | 1.42 | 52.3 | 2.7 | 0.08 | 313 | 1.78 | 3.61 | 13.7 | 1.7 | 120 |

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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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763451 | | 12.5 | 60.0 | <0.002 | <0.01 | 0.55 | 5.5 | 2 | 1.4 | 87.8 | 1.17 | <0.05 | 16.1 | 0.075 | 0.24 | 3.1 |
| M763452 | | 12.6 | 42.0 | <0.002 | 0.01 | 1.00 | 10.8 | 2 | 2.8 | 144.5 | 1.23 | <0.05 | 14.2 | 0.336 | 0.22 | 2.5 |
| M763453 | | 12.8 | 87.9 | <0.002 | <0.01 | 1.23 | 21.6 | 3 | 3.3 | 224 | 1.12 | <0.05 | 10.1 | 0.664 | 0.51 | 1.8 |
| M763454 | | 11.1 | 72.1 | <0.002 | <0.01 | 1.35 | 18.2 | 2 | 4.1 | 337 | 0.94 | <0.05 | 9.0 | 0.711 | 0.40 | 1.9 |
| M763455 | | 7.8 | 40.3 | <0.002 | <0.01 | 0.77 | 16.6 | 2 | 2.2 | 207 | 1.02 | <0.05 | 12.0 | 0.422 | 0.22 | 2.2 |
| M763456 | | 11.3 | 29.9 | <0.002 | <0.01 | 0.92 | 4.4 | 2 | 0.9 | 119.5 | 1.28 | <0.05 | 16.0 | 0.085 | 0.11 | 2.6 |
| M763457 | | 6.6 | 63.8 | <0.002 | <0.01 | 0.72 | 4.9 | 2 | 1.0 | 85.3 | 1.23 | <0.05 | 15.5 | 0.077 | 0.22 | 2.9 |
| M763458 | | 8.5 | 90.8 | <0.002 | <0.01 | 0.71 | 5.5 | 2 | 1.4 | 61.0 | 1.37 | <0.05 | 17.7 | 0.073 | 0.32 | 4.2 |
| M763459 | | 10.1 | 77.0 | <0.002 | 0.02 | 0.72 | 5.2 | 2 | 1.3 | 70.9 | 1.33 | <0.05 | 17.0 | 0.073 | 0.28 | 3.4 |
| M763460 | | 11.5 | 33.3 | <0.002 | 0.01 | 1.01 | 4.9 | 2 | 0.9 | 129.0 | 1.46 | <0.05 | 16.4 | 0.072 | 0.12 | 3.6 |
| M763461 | | 10.3 | 54.3 | <0.002 | 0.03 | 1.21 | 5.5 | 2 | 1.2 | 93.9 | 1.26 | <0.05 | 16.0 | 0.074 | 0.17 | 3.5 |
| M763462 | | 8.9 | 50.8 | <0.002 | 0.02 | 1.29 | 4.7 | 2 | 1.4 | 90.7 | 1.34 | <0.05 | 15.7 | 0.055 | 0.17 | 3.5 |
| M763463 | | 7.3 | 49.9 | <0.002 | <0.01 | 1.44 | 5.0 | 2 | 1.8 | 88.6 | 1.48 | <0.05 | 16.2 | 0.067 | 0.15 | 4.0 |
| M763464 | | 7.0 | 55.0 | <0.002 | 0.01 | 1.37 | 6.2 | 2 | 1.6 | 96.2 | 1.10 | <0.05 | 14.4 | 0.090 | 0.18 | 2.9 |
| M763465 | | 5.8 | 83.4 | <0.002 | <0.01 | 0.87 | 6.1 | 2 | 1.3 | 66.6 | 1.24 | <0.05 | 16.3 | 0.081 | 0.26 | 3.8 |
| M763466 | | 6.9 | 101.5 | <0.002 | <0.01 | 0.81 | 5.7 | 2 | 1.6 | 51.8 | 1.34 | <0.05 | 16.5 | 0.073 | 0.33 | 3.8 |
| M763467 | | 7.3 | 84.2 | <0.002 | <0.01 | 1.22 | 5.6 | 2 | 1.6 | 62.4 | 1.33 | <0.05 | 16.1 | 0.077 | 0.25 | 3.7 |
| M763468 | | 10.5 | 65.5 | <0.002 | <0.01 | 1.46 | 6.6 | 2 | 2.1 | 85.8 | 1.22 | <0.05 | 15.2 | 0.091 | 0.20 | 3.5 |
| M763469 | | 11.3 | 75.0 | <0.002 | 0.01 | 1.35 | 6.2 | 2 | 1.8 | 63.2 | 1.35 | <0.05 | 16.4 | 0.088 | 0.23 | 4.1 |
| M763470 | | 10.7 | 63.3 | <0.002 | 0.01 | 1.27 | 7.3 | 2 | 2.9 | 96.9 | 1.22 | <0.05 | 15.2 | 0.098 | 0.19 | 3.5 |
| M763471 | | 10.9 | 55.7 | <0.002 | 0.04 | 1.18 | 6.4 | 2 | 2.3 | 81.9 | 1.33 | <0.05 | 16.2 | 0.085 | 0.16 | 3.9 |
| M763472 | | 16.6 | 61.1 | <0.002 | 0.12 | 1.36 | 6.1 | 2 | 2.0 | 73.6 | 1.27 | <0.05 | 15.0 | 0.086 | 0.19 | 4.0 |
| M763473 | | 13.7 | 67.3 | <0.002 | 0.02 | 1.60 | 7.2 | 2 | 1.5 | 93.3 | 1.24 | <0.05 | 15.6 | 0.102 | 0.23 | 3.8 |
| M763474 | | 11.3 | 63.2 | <0.002 | <0.01 | 1.22 | 6.3 | 2 | 1.5 | 99.6 | 1.21 | <0.05 | 14.4 | 0.090 | 0.20 | 3.2 |
| M763475 | | 76.8 | 580 | <0.002 | 3.04 | 1.33 | 2.9 | 1 | 1.0 | 169.5 | 0.74 | <0.05 | 2.6 | 0.214 | 6.27 | 1.2 |
| M763476 | | 13.4 | 80.7 | <0.002 | 0.01 | 1.04 | 7.3 | 2 | 2.2 | 81.4 | 1.05 | <0.05 | 14.8 | 0.096 | 0.30 | 3.4 |
| M763477 | | 11.6 | 133.5 | 0.002 | <0.01 | 0.45 | 5.1 | 1 | 2.9 | 43.0 | 1.41 | <0.05 | 18.5 | 0.071 | 0.51 | 4.6 |
| M763478 | | 9.2 | 85.2 | 0.002 | <0.01 | 0.73 | 7.5 | 2 | 2.2 | 88.2 | 1.19 | <0.05 | 14.9 | 0.115 | 0.37 | 3.0 |
| M763479 | | 11.0 | 72.2 | 0.002 | <0.01 | 0.59 | 11.3 | 1 | 2.4 | 143.5 | 1.04 | <0.05 | 13.0 | 0.164 | 0.29 | 3.0 |
| M763480 | | 11.4 | 75.4 | 0.002 | <0.01 | 0.50 | 11.2 | 2 | 2.7 | 141.0 | 1.06 | <0.05 | 12.8 | 0.169 | 0.31 | 3.2 |
| M763481 | | 14.4 | 99.2 | 0.002 | 0.01 | 1.02 | 20.2 | 2 | 4.0 | 148.0 | 1.07 | <0.05 | 11.8 | 0.449 | 0.45 | 2.9 |
| M763482 | | 10.8 | 47.0 | 0.002 | <0.01 | 1.56 | 9.6 | 3 | 1.8 | 137.5 | 1.13 | <0.05 | 14.1 | 0.145 | 0.15 | 3.1 |
| M763483 | | 7.0 | 22.0 | 0.002 | 0.01 | 1.88 | 6.8 | 2 | 2.1 | 169.5 | 1.21 | <0.05 | 14.8 | 0.163 | 0.09 | 2.7 |
| M763484 | | 7.2 | 26.7 | 0.003 | 0.05 | 2.65 | 61.5 | 2 | 3.0 | 357 | 0.44 | <0.05 | 3.2 | 1.925 | 0.11 | 0.8 |
| M763485 | | 8.4 | 25.3 | 0.002 | 0.02 | 2.63 | 57.4 | 2 | 4.1 | 338 | 0.54 | <0.05 | 6.5 | 1.315 | 0.11 | 1.2 |
| M763486 | | 43.2 | 23.4 | 0.002 | 0.05 | 2.11 | 7.6 | <1 | 1.9 | 136.0 | 1.19 | 0.06 | 13.9 | 0.188 | 0.08 | 2.4 |
| M763487 | | 8.6 | 28.1 | 0.002 | 0.03 | 1.43 | 8.1 | 1 | 1.6 | 124.5 | 1.05 | <0.05 | 15.2 | 0.112 | 0.10 | 3.3 |
| M763488 | | 11.4 | 25.0 | 0.002 | 0.05 | 1.34 | 8.2 | 1 | 1.1 | 164.5 | 1.13 | <0.05 | 16.2 | 0.122 | 0.08 | 3.5 |
| M763489 | | 13.3 | 32.7 | <0.002 | 0.06 | 1.55 | 7.9 | 2 | 1.8 | 91.6 | 1.13 | <0.05 | 16.3 | 0.114 | 0.10 | 3.3 |
| M763490 | | 12.0 | 31.5 | <0.002 | 0.11 | 1.97 | 8.2 | 2 | 1.2 | 149.5 | 1.10 | <0.05 | 15.0 | 0.128 | 0.12 | 3.2 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|
| M763451 | | 2 | 0.8 | 29.9 | 22 | 250 |
| M763452 | | 39 | 0.7 | 31.2 | 58 | 238 |
| M763453 | | 88 | 1.6 | 38.6 | 72 | 258 |
| M763454 | | 109 | 1.1 | 35.6 | 46 | 208 |
| M763455 | | 58 | 0.6 | 28.7 | 34 | 262 |
| M763456 | | 3 | 0.6 | 27.4 | 9 | 249 |
| M763457 | | 1 | 0.7 | 27.9 | 16 | 236 |
| M763458 | | <1 | 0.8 | 34.0 | 23 | 229 |
| M763459 | | 1 | 1.1 | 29.6 | 23 | 266 |
| M763460 | | 2 | 0.7 | 26.7 | 14 | 273 |
| M763461 | | 1 | 0.6 | 29.3 | 19 | 254 |
| M763462 | | 1 | 1.0 | 26.4 | 12 | 219 |
| M763463 | | <1 | 0.5 | 29.1 | 13 | 242 |
| M763464 | | 1 | 0.6 | 30.0 | 20 | 259 |
| M763465 | | 1 | 0.7 | 32.1 | 18 | 256 |
| M763466 | | <1 | 0.8 | 36.3 | 23 | 254 |
| M763467 | | 1 | 0.8 | 34.2 | 20 | 263 |
| M763468 | | <1 | 0.7 | 35.1 | 22 | 274 |
| M763469 | | 1 | 0.7 | 33.0 | 16 | 285 |
| M763470 | | 1 | 1.2 | 34.2 | 24 | 294 |
| M763471 | | 1 | 1.1 | 32.9 | 25 | 280 |
| M763472 | | 1 | 1.0 | 28.4 | 43 | 269 |
| M763473 | | 1 | 0.7 | 31.4 | 24 | 308 |
| M763474 | | 1 | 0.8 | 29.9 | 24 | 287 |
| M763475 | | 26 | 0.2 | 5.2 | 39 | 47.8 |
| M763476 | | 1 | 1.0 | 32.3 | 29 | 297 |
| M763477 | | <1 | 1.2 | 40.4 | 26 | 277 |
| M763478 | | 1 | 1.0 | 31.1 | 38 | 324 |
| M763479 | | 1 | 1.2 | 31.3 | 46 | 441 |
| M763480 | | 1 | 1.2 | 31.7 | 45 | 475 |
| M763481 | | 55 | 1.0 | 30.1 | 80 | 298 |
| M763482 | | 2 | 1.0 | 32.0 | 30 | 399 |
| M763483 | | 6 | 3.3 | 27.8 | 18 | 325 |
| M763484 | | 331 | 1.3 | 40.0 | 91 | 47.4 |
| M763485 | | 200 | 0.9 | 37.7 | 82 | 84.0 |
| M763486 | | 8 | 0.9 | 24.4 | 181 | 355 |
| M763487 | | 4 | 1.0 | 24.8 | 16 | 256 |
| M763488 | | 4 | 1.4 | 22.9 | 15 | 277 |
| M763489 | | 3 | 1.3 | 24.0 | 29 | 288 |
| M763490 | | 2 | 0.7 | 29.7 | 17 | 286 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763491 | | 2.35 | <0.005 | 0.07 | 6.82 | 12.2 | 730 | 1.71 | 0.06 | 1.64 | 0.03 | 97.2 | 5.8 | 6 | 0.76 | 7.0 |
| M763492 | | 2.13 | <0.005 | 0.04 | 7.37 | 17.6 | 970 | 1.50 | 0.07 | 3.06 | 0.05 | 58.1 | 27.9 | 6 | 3.10 | 1.3 |
| M763493 | | 2.37 | <0.005 | 0.08 | 7.19 | 24.8 | 730 | 1.32 | 0.08 | 3.74 | 0.15 | 111.0 | 15.0 | 5 | 2.57 | 8.2 |
| M763494 | | 2.44 | <0.005 | 0.07 | 7.65 | 10.9 | 470 | 0.76 | 0.16 | 7.22 | 0.09 | 106.5 | 32.4 | 3 | 4.00 | 13.2 |
| M763495 | | 2.58 | 0.009 | 0.05 | 7.14 | 212 | 550 | 2.02 | 0.06 | 1.32 | 0.05 | 90.6 | 7.1 | 7 | 0.36 | 6.1 |
| M763496 | | 2.32 | <0.005 | 0.03 | 6.32 | 18.1 | 750 | 1.55 | 0.07 | 1.05 | 0.03 | 127.5 | 1.7 | 7 | 0.28 | 3.7 |
| M763497 | | 2.26 | <0.005 | 0.03 | 7.07 | 8.1 | 630 | 0.76 | 0.15 | 6.57 | 0.09 | 75.9 | 33.8 | 2 | 3.65 | 24.1 |
| M763498 | | 1.87 | <0.005 | 0.05 | 6.77 | 14.3 | 440 | 1.63 | 0.06 | 1.22 | 0.09 | 58.2 | 4.7 | 9 | 0.37 | 8.1 |
| M763499 | | 2.10 | <0.005 | 0.05 | 6.74 | 17.4 | 680 | 1.90 | 0.06 | 1.01 | 0.08 | 94.3 | 4.4 | 13 | 0.43 | 6.4 |
| M763500 | | 0.03 | 3.68 | 0.15 | 1.51 | 0.7 | 100 | 0.32 | 0.18 | 0.01 | 0.14 | 18.70 | 1.1 | 11 | 0.58 | 5.8 |
| M763501 | | 1.88 | 0.006 | 0.08 | 6.53 | 8.6 | 990 | 1.81 | 0.05 | 0.78 | 0.04 | 90.7 | 4.0 | 7 | 0.49 | 14.4 |
| M763502 | | 1.83 | <0.005 | 0.07 | 6.38 | 10.9 | 1030 | 1.66 | 0.05 | 0.78 | 0.05 | 100.5 | 4.3 | 7 | 0.47 | 10.4 |
| M763503 | | 1.83 | <0.005 | 0.07 | 6.39 | 10.5 | 1020 | 1.71 | 0.06 | 0.75 | 0.05 | 76.8 | 3.6 | 8 | 0.45 | 5.4 |
| M763504 | | 1.94 | <0.005 | 0.06 | 6.31 | 20.6 | 510 | 1.64 | 0.08 | 0.98 | 0.11 | 95.5 | 4.4 | 8 | 0.37 | 11.6 |
| M763505 | | 1.79 | <0.005 | 0.07 | 6.65 | 18.3 | 490 | 1.61 | 0.08 | 1.52 | 0.07 | 112.0 | 7.1 | 6 | 0.72 | 2.8 |
| M763506 | | 1.85 | <0.005 | 0.10 | 7.27 | 18.3 | 530 | 1.40 | 0.08 | 1.27 | 0.06 | 120.0 | 5.2 | 7 | 0.51 | 2.2 |
| M763507 | | 1.86 | <0.005 | 0.09 | 6.90 | 17.0 | 710 | 1.34 | 0.07 | 1.45 | 0.09 | 101.5 | 5.1 | 6 | 0.47 | 5.1 |
| M763508 | | 2.12 | <0.005 | 0.08 | 6.68 | 20.0 | 820 | 1.47 | 0.09 | 1.08 | 0.07 | 150.5 | 6.1 | 7 | 0.52 | 3.7 |
| M763509 | | 1.84 | <0.005 | 0.10 | 7.61 | 10.5 | 730 | 0.88 | 0.11 | 5.53 | 0.09 | 75.9 | 30.2 | 3 | 3.66 | 27.3 |
| M763510 | | 2.14 | <0.005 | 0.23 | 6.82 | 9.5 | 590 | 0.81 | 0.15 | 5.01 | 0.08 | 92.4 | 31.3 | 2 | 4.71 | 20.2 |
| M763511 | | 2.02 | <0.005 | 0.13 | 6.58 | 13.6 | 850 | 0.92 | 0.11 | 4.64 | 0.07 | 91.8 | 27.6 | 4 | 4.49 | 10.8 |
| M763512 | | 2.04 | <0.005 | 0.20 | 7.29 | 22.8 | 810 | 1.02 | 0.08 | 4.43 | 0.12 | 84.7 | 23.6 | 5 | 3.37 | 32.3 |
| M763513 | | 2.24 | <0.005 | 0.20 | 7.34 | 16.6 | 350 | 1.11 | 0.06 | 3.29 | 0.13 | 59.7 | 18.3 | 5 | 1.74 | 40.8 |
| M763514 | | 1.26 | 0.006 | 0.31 | 6.94 | 19.3 | 250 | 1.47 | 0.05 | 1.64 | 0.18 | 88.4 | 8.3 | 6 | 0.88 | 63.9 |
| M763515 | | 2.62 | <0.005 | 0.20 | 8.15 | 6.7 | 360 | 0.85 | 0.07 | 5.06 | 0.11 | 38.8 | 35.6 | 4 | 2.14 | 34.6 |
| M763516 | | 2.19 | <0.005 | 0.18 | 8.43 | 5.2 | 260 | 0.61 | 0.09 | 6.00 | 0.10 | 30.7 | 38.4 | 5 | 1.73 | 39.2 |
| M763517 | | 1.41 | <0.005 | 0.19 | 9.07 | 30.2 | 430 | 0.61 | 0.08 | 4.94 | 0.10 | 29.8 | 54.4 | 8 | 3.06 | 41.9 |
| M763518 | | 3.33 | <0.005 | 0.23 | 6.55 | 25.1 | 230 | 1.50 | 0.05 | 1.21 | 0.23 | 124.0 | 2.9 | 9 | 0.35 | 9.3 |
| M763519 | | 1.19 | 0.043 | 0.11 | 9.24 | 107.0 | 510 | 1.46 | 0.07 | 5.21 | 0.05 | 37.8 | 19.3 | 29 | 3.71 | 15.6 |
| M763520 | | 1.54 | 0.356 | 0.22 | 8.00 | 2310 | 340 | 2.12 | 0.34 | 3.62 | 0.06 | 78.7 | 22.2 | 3 | 2.64 | 83.7 |
| M763521 | | 1.22 | 0.826 | 0.17 | 6.69 | 3110 | 820 | 2.55 | 0.37 | 0.63 | 0.06 | 107.0 | 10.1 | 4 | 0.52 | 44.7 |
| M763522 | | 0.79 | 0.051 | 0.06 | 6.64 | 130.5 | 450 | 1.98 | 0.08 | 1.21 | 0.08 | 126.0 | 3.3 | 8 | 0.22 | 25.2 |
| M763523 | | 2.35 | <0.005 | 0.05 | 6.62 | 140.5 | 610 | 1.92 | 0.07 | 0.96 | 0.10 | 123.0 | 3.6 | 8 | 0.30 | 7.5 |
| M763524 | | 2.16 | 0.024 | 0.07 | 6.68 | 46.3 | 690 | 1.64 | 0.11 | 0.97 | 0.18 | 125.5 | 3.0 | 9 | 0.24 | 16.3 |
| M763525 | | 0.03 | 8.50 | 0.51 | 8.08 | 4.2 | 190 | 2.31 | 0.13 | 1.10 | 0.45 | 17.45 | 10.4 | 39 | 1.40 | 17.6 |
| M763526 | | 2.19 | 0.022 | 0.05 | 6.61 | 25.9 | 880 | 1.51 | 0.12 | 0.78 | 0.09 | 122.5 | 2.9 | 12 | 0.23 | 11.6 |
| M763527 | | 2.30 | 0.027 | 0.07 | 6.44 | 17.5 | 760 | 1.13 | 0.20 | 0.96 | 0.08 | 112.0 | 2.7 | 8 | 0.22 | 15.3 |
| M763528 | | 1.27 | <0.005 | 0.07 | 6.65 | 13.1 | 490 | 1.69 | 0.06 | 1.18 | 0.12 | 136.0 | 2.9 | 7 | 0.22 | 14.7 |
| M763529 | | 1.31 | <0.005 | 0.07 | 8.64 | 24.5 | 920 | 0.88 | 0.07 | 5.05 | 0.05 | 55.4 | 39.8 | 1 | 4.39 | 3.3 |
| M763530 | | 2.33 | <0.005 | 0.07 | 7.87 | 27.0 | 670 | 1.15 | 0.08 | 2.93 | 0.11 | 80.4 | 22.2 | 6 | 1.74 | 9.4 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763491 | | 2.74 | 16.25 | 0.19 | 7.2 | 0.035 | 1.16 | 48.0 | 5.1 | 0.22 | 510 | 1.86 | 3.77 | 15.0 | 2.1 | 590 |
| M763492 | | 7.03 | 19.25 | 0.18 | 4.6 | 0.058 | 2.30 | 25.6 | 19.9 | 1.09 | 1220 | 0.54 | 2.97 | 16.5 | 8.8 | 2150 |
| M763493 | | 6.34 | 18.15 | 0.24 | 5.7 | 0.054 | 1.79 | 52.1 | 12.6 | 0.94 | 1180 | 1.03 | 3.08 | 13.6 | 6.8 | 3850 |
| M763494 | | 11.75 | 18.60 | 0.28 | 1.3 | 0.075 | 2.71 | 42.9 | 16.7 | 2.10 | 1820 | 0.50 | 1.69 | 5.9 | 14.1 | 8440 |
| M763495 | | 1.66 | 17.95 | 0.18 | 7.7 | 0.027 | 0.74 | 41.6 | 5.3 | 0.13 | 253 | 1.77 | 4.33 | 13.7 | 1.3 | 140 |
| M763496 | | 1.26 | 15.70 | 0.20 | 6.6 | 0.019 | 0.89 | 61.9 | 2.6 | 0.08 | 183 | 0.80 | 3.81 | 11.4 | 0.8 | 70 |
| M763497 | | 9.95 | 17.25 | 0.25 | 1.5 | 0.085 | 2.40 | 30.5 | 16.0 | 2.20 | 1600 | 0.74 | 1.61 | 5.7 | 13.7 | 6660 |
| M763498 | | 1.76 | 16.05 | 0.14 | 8.4 | 0.019 | 0.55 | 26.1 | 3.1 | 0.15 | 221 | 1.04 | 4.06 | 11.1 | 1.8 | 260 |
| M763499 | | 1.80 | 16.85 | 0.18 | 8.6 | 0.017 | 0.72 | 44.4 | 3.2 | 0.13 | 215 | 0.71 | 4.25 | 15.3 | 1.4 | 200 |
| M763500 | | 1.36 | 3.46 | 0.08 | 0.6 | 0.016 | 0.15 | 9.5 | 16.6 | 0.02 | 101 | 0.76 | 0.03 | 3.2 | 5.2 | 50 |
| M763501 | | 2.04 | 16.25 | 0.20 | 8.1 | 0.032 | 2.56 | 43.7 | 3.5 | 0.12 | 245 | 0.90 | 3.14 | 15.2 | 1.0 | 170 |
| M763502 | | 1.92 | 16.40 | 0.20 | 8.0 | 0.031 | 2.53 | 49.5 | 3.7 | 0.12 | 251 | 0.76 | 3.08 | 15.4 | 1.1 | 150 |
| M763503 | | 1.84 | 16.20 | 0.18 | 8.8 | 0.023 | 2.08 | 36.6 | 3.2 | 0.11 | 228 | 0.76 | 3.32 | 13.0 | 1.4 | 150 |
| M763504 | | 1.76 | 15.20 | 0.17 | 8.1 | 0.019 | 0.65 | 46.4 | 2.9 | 0.12 | 238 | 1.00 | 3.97 | 12.9 | 1.2 | 140 |
| M763505 | | 2.58 | 16.95 | 0.19 | 7.9 | 0.029 | 0.62 | 52.5 | 3.8 | 0.24 | 338 | 1.23 | 3.96 | 14.7 | 2.5 | 1130 |
| M763506 | | 2.95 | 17.95 | 0.21 | 8.9 | 0.021 | 0.48 | 57.6 | 3.3 | 0.18 | 297 | 1.08 | 4.46 | 13.5 | 1.8 | 200 |
| M763507 | | 3.06 | 16.30 | 0.19 | 7.6 | 0.041 | 0.72 | 47.3 | 3.4 | 0.18 | 351 | 1.52 | 4.07 | 11.9 | 1.4 | 180 |
| M763508 | | 3.16 | 17.70 | 0.21 | 6.1 | 0.038 | 1.11 | 70.5 | 4.1 | 0.19 | 321 | 1.63 | 3.98 | 12.9 | 2.1 | 620 |
| M763509 | | 9.30 | 18.25 | 0.21 | 2.2 | 0.061 | 2.75 | 33.0 | 15.9 | 1.51 | 1400 | 1.10 | 2.11 | 6.8 | 13.0 | 6920 |
| M763510 | | 9.33 | 16.15 | 0.26 | 2.6 | 0.053 | 3.16 | 40.5 | 19.1 | 2.16 | 1500 | 0.93 | 1.70 | 5.1 | 12.9 | 7310 |
| M763511 | | 8.33 | 15.95 | 0.25 | 3.0 | 0.059 | 3.34 | 41.3 | 21.8 | 2.06 | 1460 | 1.39 | 1.62 | 4.6 | 11.7 | 6850 |
| M763512 | | 7.96 | 17.75 | 0.43 | 4.3 | 0.065 | 2.23 | 46.1 | 15.6 | 1.33 | 1230 | 1.14 | 2.43 | 8.2 | 12.5 | 7330 |
| M763513 | | 5.76 | 16.10 | 0.35 | 5.0 | 0.090 | 1.08 | 34.8 | 8.4 | 1.09 | 1010 | 1.32 | 3.14 | 8.2 | 9.5 | 1090 |
| M763514 | | 2.83 | 15.80 | 0.39 | 9.0 | 0.034 | 0.51 | 52.1 | 4.8 | 0.33 | 337 | 1.89 | 3.94 | 14.9 | 2.8 | 310 |
| M763515 | | 10.55 | 17.95 | 0.44 | 2.7 | 0.127 | 1.20 | 21.6 | 10.4 | 1.97 | 1730 | 2.25 | 2.37 | 6.6 | 19.8 | 1600 |
| M763516 | | 11.70 | 18.30 | 0.45 | 2.1 | 0.102 | 1.01 | 16.7 | 9.1 | 2.18 | 2020 | 0.89 | 2.07 | 5.0 | 24.7 | 1900 |
| M763517 | | 12.00 | 19.70 | 0.46 | 2.0 | 0.089 | 1.51 | 16.8 | 13.5 | 1.97 | 1820 | 3.77 | 2.38 | 5.1 | 31.1 | 1920 |
| M763518 | | 1.77 | 15.30 | 0.43 | 7.6 | 0.020 | 0.27 | 75.2 | 3.5 | 0.13 | 194 | 1.54 | 3.97 | 13.0 | 1.3 | 130 |
| M763519 | | 7.37 | 18.50 | 0.42 | 3.1 | 0.047 | 1.81 | 21.6 | 15.3 | 1.38 | 1260 | 0.76 | 2.95 | 5.6 | 17.9 | 2030 |
| M763520 | | 5.96 | 17.25 | 0.43 | 5.3 | 0.041 | 1.55 | 47.5 | 11.9 | 1.36 | 1260 | 3.65 | 2.92 | 11.5 | 3.6 | 2990 |
| M763521 | | 2.38 | 17.15 | 0.16 | 7.1 | 0.071 | 2.33 | 58.1 | 9.5 | 0.21 | 142 | 4.23 | 1.19 | 15.9 | 1.8 | 350 |
| M763522 | | 1.20 | 16.55 | 0.19 | 7.1 | 0.046 | 0.84 | 66.5 | 3.2 | 0.06 | 340 | 1.30 | 3.55 | 16.8 | 0.9 | 60 |
| M763523 | | 1.15 | 16.30 | 0.16 | 7.5 | 0.037 | 1.24 | 66.3 | 3.7 | 0.06 | 343 | 0.80 | 3.62 | 16.2 | 0.9 | 60 |
| M763524 | | 1.19 | 16.50 | 0.18 | 7.6 | 0.051 | 1.54 | 69.3 | 3.7 | 0.06 | 309 | 1.90 | 3.54 | 15.9 | 1.0 | 60 |
| M763525 | | 4.66 | 19.25 | 0.15 | 1.3 | 0.017 | 2.36 | 9.0 | 2.1 | 1.00 | 285 | 2.01 | 4.95 | 10.1 | 39.5 | 720 |
| M763526 | | 1.31 | 16.70 | 0.19 | 7.5 | 0.032 | 1.83 | 66.3 | 3.0 | 0.05 | 228 | 2.38 | 3.46 | 16.4 | 0.9 | 60 |
| M763527 | | 1.22 | 15.05 | 0.15 | 7.0 | 0.025 | 1.40 | 62.0 | 2.8 | 0.05 | 254 | 1.45 | 3.46 | 14.4 | 0.8 | 50 |
| M763528 | | 1.01 | 16.20 | 0.21 | 7.7 | 0.027 | 0.55 | 75.6 | 2.5 | 0.07 | 236 | 0.81 | 3.87 | 14.9 | 0.9 | 70 |
| M763529 | | 8.70 | 18.00 | 0.18 | 2.6 | 0.061 | 3.07 | 24.9 | 28.5 | 2.16 | 1740 | 0.87 | 2.16 | 5.9 | 7.0 | 5270 |
| M763530 | | 4.60 | 17.60 | 0.17 | 6.7 | 0.025 | 1.22 | 43.0 | 9.7 | 0.83 | 772 | 1.77 | 3.67 | 11.9 | 4.1 | 2180 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763491 | | 8.1 | 36.4 | <0.002 | 0.02 | 1.46 | 12.3 | 1 | 1.8 | 142.0 | 1.07 | <0.05 | 14.0 | 0.288 | 0.13 | 3.0 |
| M763492 | | 6.8 | 113.5 | 0.002 | 0.01 | 1.19 | 32.6 | 2 | 2.9 | 199.5 | 0.85 | <0.05 | 8.2 | 0.910 | 0.54 | 2.1 |
| M763493 | | 15.5 | 80.9 | 0.002 | 0.03 | 1.72 | 31.8 | 1 | 3.5 | 221 | 0.89 | <0.05 | 9.5 | 0.962 | 0.40 | 2.1 |
| M763494 | | 5.2 | 111.0 | 0.002 | 0.04 | 1.12 | 52.6 | 3 | 1.8 | 320 | 0.28 | <0.05 | 3.5 | 1.890 | 0.56 | 0.9 |
| M763495 | | 6.8 | 29.0 | 0.002 | 0.02 | 2.13 | 10.4 | 2 | 1.9 | 133.0 | 1.09 | <0.05 | 17.8 | 0.135 | 0.09 | 3.0 |
| M763496 | | 4.9 | 23.7 | 0.002 | 0.01 | 1.76 | 6.6 | 1 | 1.4 | 124.0 | 0.94 | <0.05 | 16.7 | 0.092 | 0.10 | 2.9 |
| M763497 | | 6.0 | 104.5 | 0.003 | 0.05 | 1.15 | 62.5 | 2 | 3.1 | 285 | 0.40 | <0.05 | 3.1 | 1.465 | 0.42 | 0.8 |
| M763498 | | 12.6 | 18.8 | <0.002 | 0.01 | 1.49 | 8.0 | 1 | 1.2 | 171.0 | 1.08 | <0.05 | 16.6 | 0.145 | 0.06 | 3.2 |
| M763499 | | 11.6 | 22.5 | 0.003 | 0.01 | 1.71 | 8.9 | 2 | 1.1 | 168.0 | 1.29 | <0.05 | 16.7 | 0.170 | 0.07 | 3.9 |
| M763500 | | 28.7 | 13.0 | 0.002 | 1.00 | 0.55 | 1.2 | <1 | 1.3 | 14.5 | 0.29 | <0.05 | 3.5 | 0.075 | 0.39 | 0.4 |
| M763501 | | 8.6 | 63.7 | 0.002 | 0.01 | 0.96 | 8.4 | 1 | 1.0 | 112.0 | 1.24 | <0.05 | 15.1 | 0.170 | 0.17 | 3.4 |
| M763502 | | 7.8 | 57.3 | <0.002 | 0.01 | 1.13 | 8.4 | 2 | 1.0 | 119.0 | 1.22 | <0.05 | 16.2 | 0.162 | 0.17 | 3.5 |
| M763503 | | 7.8 | 48.3 | <0.002 | <0.01 | 1.22 | 8.1 | 1 | 0.9 | 136.5 | 1.11 | <0.05 | 15.6 | 0.152 | 0.13 | 3.4 |
| M763504 | | 11.0 | 21.9 | <0.002 | 0.01 | 1.59 | 8.0 | 1 | 1.6 | 155.5 | 1.08 | <0.05 | 14.6 | 0.160 | 0.08 | 3.1 |
| M763505 | | 14.8 | 29.0 | 0.002 | <0.01 | 1.59 | 11.2 | 1 | 1.9 | 207 | 1.16 | <0.05 | 14.4 | 0.290 | 0.11 | 3.3 |
| M763506 | | 14.9 | 21.8 | 0.003 | <0.01 | 2.02 | 10.7 | 2 | 2.4 | 204 | 0.95 | <0.05 | 13.0 | 0.219 | 0.07 | 2.9 |
| M763507 | | 12.9 | 23.7 | 0.002 | 0.01 | 1.77 | 9.9 | 2 | 2.4 | 161.0 | 0.85 | <0.05 | 10.6 | 0.180 | 0.09 | 2.3 |
| M763508 | | 11.6 | 33.9 | 0.002 | <0.01 | 1.87 | 9.9 | 1 | 2.1 | 163.5 | 0.90 | <0.05 | 14.5 | 0.254 | 0.12 | 2.7 |
| M763509 | | 9.7 | 117.0 | 0.002 | 0.07 | 1.11 | 35.9 | 1 | 2.2 | 329 | 0.47 | <0.05 | 5.3 | 1.465 | 0.51 | 1.2 |
| M763510 | | 8.2 | 126.5 | <0.002 | 0.05 | 0.87 | 37.3 | 1 | 1.2 | 195.5 | 0.38 | <0.05 | 6.2 | 1.115 | 0.55 | 1.4 |
| M763511 | | 9.0 | 131.5 | 0.005 | 0.02 | 1.01 | 37.5 | 2 | 1.2 | 168.5 | 0.35 | <0.05 | 6.9 | 0.909 | 0.62 | 1.4 |
| M763512 | | 8.5 | 104.5 | 0.002 | 0.05 | 1.37 | 36.8 | 3 | 2.7 | 235 | 0.72 | <0.05 | 8.0 | 1.080 | 0.49 | 1.9 |
| M763513 | | 9.0 | 56.3 | 0.002 | 0.03 | 1.55 | 34.4 | 2 | 2.7 | 199.0 | 0.70 | <0.05 | 8.5 | 0.669 | 0.25 | 2.1 |
| M763514 | | 11.7 | 31.7 | <0.002 | 0.03 | 1.62 | 13.4 | 1 | 1.3 | 241 | 1.13 | <0.05 | 11.0 | 0.337 | 0.14 | 2.6 |
| M763515 | | 6.1 | 73.6 | 0.002 | 0.03 | 1.51 | 62.0 | 3 | 5.4 | 301 | 0.47 | <0.05 | 4.1 | 1.440 | 0.35 | 1.1 |
| M763516 | | 6.1 | 58.9 | 0.002 | 0.06 | 1.71 | 69.2 | 4 | 3.9 | 338 | 0.36 | <0.05 | 2.8 | 1.665 | 0.27 | 0.7 |
| M763517 | | 6.3 | 99.3 | 0.004 | 0.06 | 1.44 | 52.0 | 4 | 3.3 | 348 | 0.36 | <0.05 | 2.8 | 1.680 | 0.47 | 0.7 |
| M763518 | | 13.3 | 15.7 | <0.002 | 0.03 | 2.58 | 8.5 | 1 | 0.9 | 216 | 1.16 | <0.05 | 15.3 | 0.164 | 0.08 | 3.2 |
| M763519 | | 7.1 | 107.5 | 0.002 | 0.13 | 0.93 | 28.4 | 3 | 3.2 | 333 | 0.42 | <0.05 | 3.7 | 1.140 | 0.56 | 1.3 |
| M763520 | | 9.3 | 91.7 | 0.002 | 1.05 | 3.23 | 28.7 | 3 | 2.5 | 192.0 | 0.88 | <0.05 | 6.8 | 1.070 | 0.46 | 1.6 |
| M763521 | | 45.9 | 81.1 | <0.002 | 1.09 | 2.98 | 8.6 | 1 | 2.4 | 64.6 | 1.13 | <0.05 | 15.5 | 0.190 | 0.24 | 3.9 |
| M763522 | | 20.5 | 27.6 | <0.002 | 0.30 | 1.31 | 6.3 | 1 | 1.3 | 121.0 | 1.22 | <0.05 | 15.9 | 0.094 | 0.09 | 3.6 |
| M763523 | | 10.6 | 42.5 | <0.002 | 0.05 | 1.34 | 6.9 | 1 | 1.6 | 155.5 | 1.28 | <0.05 | 16.5 | 0.095 | 0.19 | 3.6 |
| M763524 | | 11.8 | 46.7 | 0.002 | 0.12 | 1.19 | 6.6 | 1 | 1.7 | 117.0 | 1.28 | <0.05 | 17.2 | 0.093 | 0.19 | 3.9 |
| M763525 | | 98.3 | 231 | <0.002 | 3.61 | 1.12 | 3.2 | 1 | 1.0 | 182.5 | 0.74 | <0.05 | 3.3 | 0.277 | 1.94 | 1.1 |
| M763526 | | 14.3 | 48.1 | <0.002 | 0.13 | 1.49 | 6.7 | 2 | 1.1 | 131.5 | 1.24 | <0.05 | 16.4 | 0.094 | 0.20 | 3.9 |
| M763527 | | 13.1 | 38.2 | <0.002 | 0.12 | 1.10 | 6.0 | 1 | 1.3 | 111.0 | 1.15 | <0.05 | 16.2 | 0.094 | 0.16 | 3.8 |
| M763528 | | 15.0 | 22.5 | <0.002 | 0.06 | 1.36 | 7.7 | 1 | 1.6 | 139.5 | 1.16 | <0.05 | 17.1 | 0.103 | 0.08 | 3.6 |
| M763529 | | 7.9 | 156.0 | <0.002 | 0.01 | 0.57 | 37.4 | 1 | 2.0 | 290 | 0.31 | <0.05 | 3.6 | 1.555 | 0.86 | 1.4 |
| M763530 | | 13.6 | 61.1 | <0.002 | 0.02 | 1.38 | 19.0 | 1 | 1.9 | 270 | 0.75 | <0.05 | 8.6 | 0.743 | 0.33 | 2.4 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|
| M763491 | | 19 | 0.9 | 29.9 | 31 | 263 |
| M763492 | | 126 | 1.1 | 41.0 | 124 | 175.5 |
| M763493 | | 147 | 1.2 | 35.0 | 81 | 231 |
| M763494 | | 341 | 0.9 | 46.0 | 107 | 48.2 |
| M763495 | | 9 | 1.0 | 33.7 | 23 | 299 |
| M763496 | | 2 | 0.8 | 30.0 | 15 | 228 |
| M763497 | | 255 | 0.7 | 34.0 | 123 | 59.0 |
| M763498 | | 11 | 0.6 | 21.7 | 23 | 317 |
| M763499 | | 5 | 0.6 | 29.8 | 24 | 334 |
| M763500 | | 7 | 0.9 | 2.6 | 14 | 18.8 |
| M763501 | | 3 | 0.7 | 31.5 | 21 | 310 |
| M763502 | | 2 | 0.6 | 30.0 | 21 | 296 |
| M763503 | | 4 | 0.5 | 27.3 | 22 | 320 |
| M763504 | | 3 | 0.4 | 27.8 | 28 | 293 |
| M763505 | | 26 | 0.5 | 32.9 | 33 | 289 |
| M763506 | | 14 | 0.6 | 28.7 | 29 | 375 |
| M763507 | | 5 | 0.6 | 24.8 | 32 | 299 |
| M763508 | | 24 | 0.7 | 30.9 | 34 | 231 |
| M763509 | | 245 | 0.9 | 31.6 | 108 | 78.4 |
| M763510 | | 203 | 0.7 | 33.3 | 115 | 95.1 |
| M763511 | | 163 | 0.6 | 33.2 | 126 | 115.0 |
| M763512 | | 187 | 0.7 | 37.6 | 94 | 147.5 |
| M763513 | | 115 | 0.4 | 22.0 | 78 | 177.5 |
| M763514 | | 18 | 0.7 | 28.5 | 36 | 354 |
| M763515 | | 267 | 0.7 | 21.0 | 115 | 98.7 |
| M763516 | | 326 | 0.7 | 16.9 | 117 | 74.6 |
| M763517 | | 328 | 0.7 | 15.3 | 121 | 75.7 |
| M763518 | | 5 | 1.1 | 28.1 | 33 | 275 |
| M763519 | | 160 | 1.2 | 17.1 | 92 | 120.5 |
| M763520 | | 83 | 18.8 | 24.2 | 98 | 214 |
| M763521 | | 10 | 9.8 | 26.8 | 20 | 258 |
| M763522 | | 2 | 1.8 | 29.6 | 32 | 246 |
| M763523 | | 2 | 1.2 | 28.0 | 59 | 253 |
| M763524 | | 2 | 1.5 | 27.4 | 57 | 249 |
| M763525 | | 35 | 0.3 | 5.4 | 44 | 45.4 |
| M763526 | | 2 | 1.8 | 30.0 | 37 | 254 |
| M763527 | | 2 | 2.3 | 26.3 | 29 | 235 |
| M763528 | | 4 | 1.3 | 29.3 | 30 | 285 |
| M763529 | | 139 | 0.8 | 30.3 | 149 | 99.1 |
| M763530 | | 52 | 1.1 | 26.3 | 63 | 273 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763531 | | 2.51 | <0.005 | 0.10 | 8.04 | 15.7 | 750 | 0.86 | 0.10 | 4.35 | 0.12 | 78.3 | 24.7 | 3 | 2.97 | 14.8 |
| M763532 | | 2.64 | <0.005 | 0.12 | 7.53 | 12.1 | 610 | 0.71 | 0.18 | 5.93 | 0.13 | 77.9 | 34.8 | 2 | 2.25 | 24.0 |
| M763533 | | 2.66 | <0.005 | 0.13 | 7.55 | 16.1 | 470 | 1.28 | 0.13 | 4.01 | 0.13 | 133.0 | 21.0 | 5 | 1.28 | 15.1 |
| M763534 | | 2.39 | <0.005 | 0.20 | 7.49 | 31.3 | 470 | 1.28 | 0.09 | 2.78 | 0.12 | 109.5 | 18.5 | 9 | 1.19 | 10.5 |
| M763535 | | 2.56 | <0.005 | 0.05 | 7.72 | 30.1 | 480 | 0.84 | 0.13 | 5.19 | 0.14 | 78.1 | 36.5 | 4 | 1.69 | 19.1 |
| M763536 | | 2.58 | <0.005 | 0.07 | 7.91 | 14.5 | 490 | 0.63 | 0.14 | 5.69 | 0.10 | 32.3 | 41.3 | 3 | 1.98 | 52.1 |
| M763537 | | 2.38 | <0.005 | 0.15 | 8.17 | 21.1 | 500 | 0.91 | 0.12 | 4.09 | 0.12 | 59.3 | 21.9 | 5 | 1.59 | 22.4 |
| M763538 | | 2.67 | 0.191 | 0.08 | 8.50 | 631 | 540 | 0.97 | 0.21 | 4.99 | 0.09 | 30.7 | 31.3 | 16 | 2.93 | 27.1 |
| M763539 | | 2.42 | 0.029 | 0.12 | 7.42 | 286 | 730 | 1.28 | 0.13 | 3.15 | 0.09 | 110.0 | 17.6 | 6 | 1.79 | 46.3 |
| M763540 | | 2.19 | <0.005 | 0.04 | 7.56 | 22.2 | 390 | 0.88 | 0.12 | 6.62 | 0.08 | 79.6 | 34.6 | 3 | 1.56 | 19.8 |
| M763541 | | 2.03 | <0.005 | 0.06 | 7.49 | 22.1 | 290 | 1.18 | 0.09 | 3.84 | 0.11 | 85.1 | 20.4 | 6 | 0.91 | 6.8 |
| M763542 | | 2.09 | <0.005 | 0.09 | 7.77 | 10.4 | 280 | 0.76 | 0.06 | 5.25 | 0.11 | 53.8 | 26.8 | 5 | 0.62 | 22.0 |
| M763543 | | 2.14 | <0.005 | 0.06 | 8.57 | 14.7 | 300 | 0.76 | 0.11 | 5.82 | 0.11 | 49.3 | 32.2 | 7 | 0.94 | 29.1 |
| M763544 | | 2.17 | <0.005 | 0.05 | 7.08 | 20.5 | 450 | 0.87 | 0.10 | 3.62 | 0.07 | 73.5 | 27.5 | 7 | 1.37 | 24.6 |
| M763545 | | 1.61 | <0.005 | 0.04 | 7.43 | 8.3 | 490 | 1.72 | 0.08 | 1.77 | 0.05 | 105.0 | 5.6 | 6 | 0.66 | 7.5 |
| M763546 | | 1.93 | <0.005 | 0.04 | 7.73 | 28.8 | 570 | 1.55 | 0.06 | 2.10 | 0.05 | 85.2 | 10.7 | 6 | 0.83 | 8.5 |
| M763547 | | 2.02 | <0.005 | 0.06 | 7.65 | 18.1 | 900 | 1.43 | 0.07 | 2.50 | 0.06 | 81.0 | 12.2 | 5 | 1.39 | 11.3 |
| M763548 | | 1.78 | <0.005 | 0.05 | 7.14 | 18.5 | 610 | 1.31 | 0.07 | 3.21 | 0.07 | 86.8 | 14.9 | 4 | 2.10 | 15.0 |
| M763549 | | 2.06 | <0.005 | 0.12 | 7.64 | 17.2 | 630 | 1.50 | 0.10 | 2.67 | 0.11 | 89.7 | 8.9 | 5 | 1.38 | 5.5 |
| M763550 | | 0.06 | <0.005 | 0.05 | 6.45 | 3.1 | 930 | 1.04 | 0.12 | 1.34 | 0.08 | 30.0 | 2.0 | 12 | 1.63 | 4.0 |
| M763551 | | 1.90 | <0.005 | 0.07 | 7.69 | 31.5 | 540 | 1.85 | 0.07 | 2.03 | 0.06 | 89.2 | 10.9 | 6 | 0.93 | 3.6 |
| M763552 | | 1.81 | <0.005 | 0.05 | 6.95 | 16.1 | 740 | 1.59 | 0.10 | 1.32 | 0.04 | 107.5 | 3.7 | 7 | 0.52 | 4.1 |
| M763553 | | 1.74 | <0.005 | 0.09 | 7.03 | 18.7 | 1090 | 1.79 | 0.11 | 1.19 | 0.05 | 134.5 | 3.7 | 9 | 0.38 | 4.0 |
| M763554 | | 2.00 | <0.005 | 0.22 | 6.35 | 16.3 | 590 | 1.59 | 0.06 | 0.88 | 0.04 | 120.5 | 1.8 | 13 | 0.15 | 4.7 |
| M763555 | | 1.05 | <0.005 | 0.08 | 7.19 | 25.1 | 420 | 1.57 | 0.06 | 1.61 | 0.05 | 117.5 | 9.3 | 11 | 0.39 | 4.2 |
| M763556 | | 0.99 | <0.005 | 0.04 | 6.57 | 32.3 | 420 | 0.69 | 0.16 | 7.51 | 0.02 | 78.5 | 51.2 | 3 | 1.79 | 28.9 |
| M763557 | | 2.17 | <0.005 | 0.04 | 7.17 | 15.6 | 280 | 0.57 | 0.14 | 6.89 | 0.05 | 75.5 | 42.7 | 2 | 1.35 | 34.9 |
| M763558 | | 2.12 | <0.005 | 0.04 | 7.38 | 20.3 | 330 | 0.62 | 0.17 | 6.85 | 0.04 | 84.8 | 45.3 | 3 | 1.36 | 39.4 |
| M763559 | | 2.33 | <0.005 | 0.05 | 8.70 | 19.9 | 240 | 0.63 | 0.13 | 6.35 | 0.04 | 56.3 | 40.4 | 5 | 0.92 | 26.1 |
| M763560 | | 1.98 | <0.005 | 0.05 | 7.42 | 23.5 | 250 | 0.55 | 0.24 | 7.35 | 0.05 | 105.5 | 43.7 | 5 | 1.21 | 33.8 |
| M763561 | | 1.95 | <0.005 | 0.06 | 8.37 | 17.2 | 610 | 0.88 | 0.10 | 4.75 | 0.04 | 47.2 | 29.7 | 9 | 2.61 | 34.2 |
| M763562 | | 1.91 | <0.005 | 0.06 | 7.62 | 22.8 | 660 | 1.15 | 0.10 | 2.43 | 0.05 | 136.5 | 11.0 | 29 | 0.63 | 8.1 |
| M763563 | | 1.90 | <0.005 | 0.04 | 9.23 | 29.9 | 260 | 0.69 | 0.13 | 5.51 | 0.04 | 21.6 | 23.7 | 124 | 1.18 | 10.6 |
| M763564 | | 2.18 | <0.005 | 0.11 | 7.63 | 26.0 | 230 | 0.76 | 0.22 | 5.84 | 0.08 | 50.8 | 41.0 | 61 | 1.83 | 81.8 |
| M763565 | | 2.08 | 0.005 | 0.02 | 7.76 | 16.4 | 480 | 2.78 | 0.10 | 6.48 | 0.03 | 61.7 | 26.2 | 1 | 4.84 | 2.6 |
| M763566 | | 2.20 | <0.005 | 0.02 | 7.59 | 37.1 | 670 | 0.86 | 0.10 | 5.96 | 0.02 | 67.1 | 48.4 | <1 | 6.19 | 20.6 |
| M763567 | | 2.56 | <0.005 | 0.07 | 6.14 | 15.7 | 640 | 1.90 | 0.07 | 0.73 | 0.03 | 120.5 | 3.3 | 10 | 0.29 | 6.7 |
| M763568 | | 2.42 | <0.005 | 0.06 | 5.95 | 12.0 | 920 | 1.54 | 0.08 | 0.51 | 0.03 | 99.3 | 2.1 | 9 | 0.28 | 5.1 |
| M763569 | | 2.40 | <0.005 | 0.08 | 6.06 | 24.7 | 650 | 2.00 | 0.08 | 0.63 | 0.07 | 96.6 | 1.9 | 8 | 0.33 | 8.4 |
| M763570 | | 2.23 | <0.005 | 0.03 | 6.29 | 11.0 | 910 | 2.06 | 0.08 | 0.46 | <0.02 | 119.5 | 3.1 | 12 | 0.31 | 3.6 |

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

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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763531 | | 7.43 | 16.60 | 0.16 | 4.0 | 0.058 | 2.13 | 39.1 | 16.1 | 1.68 | 1300 | 0.94 | 2.65 | 12.3 | 6.0 | 4510 |
| M763532 | | 10.60 | 17.45 | 0.22 | 2.5 | 0.069 | 1.74 | 36.4 | 13.6 | 2.26 | 1740 | 0.68 | 1.82 | 7.0 | 10.5 | 8040 |
| M763533 | | 7.46 | 18.30 | 0.22 | 6.0 | 0.072 | 1.00 | 71.6 | 8.6 | 1.11 | 1070 | 7.14 | 3.06 | 11.9 | 8.4 | 4330 |
| M763534 | | 4.47 | 17.55 | 0.16 | 7.1 | 0.052 | 0.81 | 54.9 | 7.6 | 0.73 | 657 | 1.19 | 3.68 | 11.5 | 5.5 | 1520 |
| M763535 | | 8.76 | 17.60 | 0.22 | 4.0 | 0.081 | 1.17 | 41.0 | 10.0 | 1.82 | 1350 | 1.90 | 2.55 | 8.4 | 11.1 | 4940 |
| M763536 | | 11.45 | 18.35 | 0.13 | 1.8 | 0.074 | 1.27 | 15.3 | 11.4 | 2.28 | 1760 | 0.55 | 2.06 | 5.2 | 19.6 | 1250 |
| M763537 | | 7.33 | 18.65 | 0.13 | 4.2 | 0.062 | 0.96 | 30.2 | 9.7 | 1.18 | 1040 | 1.34 | 3.14 | 8.4 | 10.7 | 670 |
| M763538 | | 7.22 | 15.50 | 0.12 | 1.7 | 0.062 | 1.35 | 14.5 | 11.4 | 2.12 | 1340 | 2.11 | 2.57 | 4.7 | 7.9 | 2690 |
| M763539 | | 5.39 | 18.40 | 0.19 | 7.5 | 0.066 | 1.19 | 54.9 | 7.2 | 0.98 | 863 | 1.12 | 3.47 | 13.1 | 6.9 | 2770 |
| M763540 | | 11.05 | 17.85 | 0.17 | 2.0 | 0.082 | 0.96 | 38.4 | 9.3 | 2.08 | 1660 | 2.73 | 2.13 | 4.5 | 18.7 | >10000 |
| M763541 | | 5.40 | 17.05 | 0.17 | 7.0 | 0.063 | 0.57 | 44.7 | 6.0 | 1.08 | 786 | 1.26 | 3.70 | 8.5 | 9.0 | 4990 |
| M763542 | | 8.28 | 17.20 | 0.11 | 3.7 | 0.062 | 0.53 | 27.2 | 5.6 | 1.95 | 1360 | 1.61 | 2.92 | 6.0 | 13.7 | 3030 |
| M763543 | | 9.95 | 19.10 | 0.14 | 1.7 | 0.059 | 0.78 | 23.2 | 7.0 | 1.74 | 1500 | 1.12 | 2.63 | 5.4 | 18.5 | 3780 |
| M763544 | | 6.38 | 15.85 | 0.12 | 3.8 | 0.054 | 1.07 | 36.8 | 8.2 | 1.37 | 959 | 1.14 | 2.92 | 7.7 | 14.0 | 790 |
| M763545 | | 2.76 | 17.90 | 0.16 | 7.0 | 0.037 | 0.52 | 56.0 | 5.6 | 0.27 | 346 | 1.26 | 4.24 | 14.7 | 2.6 | 370 |
| M763546 | | 3.00 | 18.70 | 0.16 | 5.0 | 0.031 | 0.68 | 45.3 | 7.5 | 0.28 | 369 | 1.35 | 4.10 | 14.1 | 2.9 | 420 |
| M763547 | | 4.35 | 18.80 | 0.15 | 4.1 | 0.054 | 1.41 | 38.7 | 10.2 | 0.47 | 575 | 1.10 | 3.44 | 12.9 | 4.7 | 1890 |
| M763548 | | 5.29 | 19.00 | 0.19 | 4.1 | 0.070 | 1.30 | 42.2 | 12.7 | 0.81 | 697 | 2.71 | 3.08 | 10.4 | 8.8 | 2950 |
| M763549 | | 3.73 | 17.90 | 0.16 | 6.3 | 0.054 | 1.07 | 42.6 | 10.5 | 0.59 | 498 | 1.37 | 3.71 | 8.9 | 5.9 | 1550 |
| M763550 | | 1.44 | 12.35 | 0.14 | 1.3 | 0.016 | 2.17 | 14.2 | 9.8 | 0.18 | 572 | 0.88 | 2.67 | 4.1 | 1.9 | 180 |
| M763551 | | 2.93 | 18.80 | 0.21 | 6.0 | 0.033 | 0.65 | 44.0 | 7.0 | 0.26 | 283 | 1.60 | 3.99 | 11.8 | 3.4 | 410 |
| M763552 | | 2.31 | 17.20 | 0.20 | 9.4 | 0.037 | 1.25 | 55.4 | 4.3 | 0.14 | 245 | 1.74 | 3.63 | 13.0 | 1.6 | 200 |
| M763553 | | 2.04 | 16.40 | 0.22 | 8.9 | 0.022 | 0.80 | 66.3 | 3.3 | 0.10 | 179 | 1.48 | 4.00 | 12.7 | 1.4 | 140 |
| M763554 | | 1.25 | 15.75 | 0.19 | 8.2 | 0.027 | 0.70 | 60.6 | 2.2 | 0.05 | 139 | 1.48 | 4.07 | 13.9 | 1.6 | 50 |
| M763555 | | 2.45 | 18.65 | 0.21 | 8.5 | 0.031 | 0.54 | 60.1 | 3.1 | 0.18 | 204 | 1.09 | 4.17 | 14.2 | 4.8 | 400 |
| M763556 | | 12.80 | 17.80 | 0.22 | 1.4 | 0.119 | 1.34 | 32.2 | 10.5 | 2.74 | 1760 | 1.79 | 1.48 | 4.9 | 34.1 | 9590 |
| M763557 | | 10.90 | 17.00 | 0.18 | 1.7 | 0.085 | 0.96 | 33.3 | 7.8 | 2.71 | 1700 | 1.37 | 1.92 | 5.2 | 27.3 | 8450 |
| M763558 | | 11.05 | 17.25 | 0.19 | 1.5 | 0.063 | 0.95 | 38.2 | 8.3 | 2.65 | 1660 | 0.58 | 1.95 | 4.7 | 32.6 | 9990 |
| M763559 | | 11.45 | 19.90 | 0.15 | 1.6 | 0.057 | 0.65 | 24.4 | 6.2 | 1.97 | 1500 | 0.90 | 2.58 | 3.9 | 32.3 | 5830 |
| M763560 | | 10.50 | 17.90 | 0.21 | 1.5 | 0.077 | 0.81 | 46.0 | 7.0 | 2.36 | 1560 | 0.74 | 1.84 | 4.8 | 41.8 | >10000 |
| M763561 | | 9.49 | 19.30 | 0.10 | 3.2 | 0.056 | 1.58 | 21.7 | 12.1 | 1.76 | 1200 | 1.17 | 2.55 | 7.0 | 34.5 | 1540 |
| M763562 | | 3.40 | 17.55 | 0.22 | 6.3 | 0.039 | 1.50 | 70.9 | 4.8 | 0.64 | 541 | 1.47 | 3.54 | 8.8 | 14.9 | 700 |
| M763563 | | 6.03 | 18.25 | 0.15 | 1.5 | 0.044 | 0.81 | 9.1 | 8.7 | 1.78 | 943 | 1.53 | 3.19 | 3.4 | 37.7 | 1990 |
| M763564 | | 10.20 | 16.50 | 0.15 | 1.7 | 0.104 | 1.08 | 22.7 | 10.1 | 2.96 | 1680 | 1.15 | 1.95 | 5.6 | 24.4 | 5180 |
| M763565 | | 9.14 | 16.60 | 0.16 | 1.8 | 0.069 | 2.17 | 25.4 | 19.0 | 2.18 | 1860 | 0.57 | 2.19 | 6.0 | 9.4 | 6280 |
| M763566 | | 9.36 | 15.85 | 0.17 | 1.7 | 0.065 | 2.83 | 28.2 | 23.3 | 2.00 | 1740 | 1.01 | 1.85 | 5.0 | 10.0 | 6470 |
| M763567 | | 1.21 | 17.65 | 0.22 | 7.3 | 0.011 | 1.19 | 61.3 | 3.4 | 0.06 | 166 | 1.59 | 3.61 | 15.9 | 1.2 | 110 |
| M763568 | | 1.25 | 15.90 | 0.22 | 6.6 | 0.010 | 2.84 | 48.6 | 3.1 | 0.03 | 142 | 0.77 | 2.72 | 14.6 | 0.6 | 40 |
| M763569 | | 0.98 | 16.60 | 0.16 | 8.1 | 0.013 | 2.08 | 48.4 | 3.0 | 0.03 | 138 | 1.09 | 3.05 | 14.2 | 0.8 | 20 |
| M763570 | | 1.30 | 17.95 | 0.20 | 7.3 | 0.010 | 2.87 | 60.8 | 2.6 | 0.02 | 147 | 0.94 | 2.92 | 15.8 | 0.9 | 30 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763531 | | 11.6 | 92.5 | <0.002 | 0.04 | 1.15 | 31.0 | 1 | 1.8 | 267 | 0.66 | <0.05 | 6.2 | 1.195 | 0.52 | 1.9 |
| M763532 | | 8.6 | 77.5 | <0.002 | 0.07 | 1.28 | 45.7 | 1 | 1.4 | 268 | 0.42 | <0.05 | 3.8 | 1.520 | 0.35 | 1.0 |
| M763533 | | 11.1 | 43.8 | 0.004 | 0.03 | 1.36 | 31.9 | 2 | 2.9 | 269 | 0.73 | <0.05 | 9.0 | 1.090 | 0.20 | 2.3 |
| M763534 | | 12.7 | 37.1 | <0.002 | 0.02 | 1.48 | 21.2 | 1 | 2.3 | 270 | 0.76 | <0.05 | 10.5 | 0.620 | 0.19 | 2.4 |
| M763535 | | 9.4 | 54.3 | <0.002 | 0.04 | 1.51 | 42.3 | 1 | 2.1 | 277 | 0.53 | <0.05 | 5.4 | 1.115 | 0.24 | 1.5 |
| M763536 | | 6.3 | 59.3 | 0.002 | 0.16 | 1.33 | 63.2 | <1 | 1.5 | 328 | 0.35 | <0.05 | 3.0 | 1.620 | 0.30 | 0.7 |
| M763537 | | 11.7 | 43.1 | 0.002 | 0.07 | 1.30 | 32.9 | 2 | 1.4 | 352 | 0.54 | <0.05 | 6.1 | 0.939 | 0.21 | 1.5 |
| M763538 | | 11.7 | 73.2 | 0.002 | 0.28 | 2.36 | 29.0 | 1 | 1.4 | 375 | 0.34 | <0.05 | 3.5 | 0.942 | 0.39 | 0.8 |
| M763539 | | 15.1 | 53.5 | 0.003 | 0.23 | 1.54 | 25.9 | 1 | 2.0 | 221 | 0.80 | <0.05 | 9.6 | 0.719 | 0.25 | 2.2 |
| M763540 | | 5.2 | 54.9 | 0.003 | 0.05 | 1.09 | 42.3 | 1 | 3.1 | 312 | 0.30 | <0.05 | 3.6 | 1.670 | 0.26 | 1.0 |
| M763541 | | 9.8 | 30.0 | <0.002 | 0.01 | 1.34 | 25.5 | 1 | 2.5 | 303 | 0.59 | <0.05 | 8.0 | 0.675 | 0.18 | 1.7 |
| M763542 | | 7.3 | 27.5 | 0.002 | 0.07 | 1.11 | 53.8 | 1 | 1.4 | 307 | 0.39 | <0.05 | 5.3 | 1.070 | 0.11 | 1.2 |
| M763543 | | 6.2 | 36.2 | 0.003 | 0.08 | 1.07 | 46.2 | 1 | 1.4 | 372 | 0.37 | <0.05 | 3.8 | 1.575 | 0.15 | 1.0 |
| M763544 | | 6.3 | 44.1 | <0.002 | 0.06 | 0.91 | 36.0 | 1 | 1.9 | 212 | 0.58 | <0.05 | 7.4 | 0.864 | 0.23 | 1.6 |
| M763545 | | 6.4 | 27.9 | <0.002 | 0.02 | 0.65 | 12.4 | 1 | 1.9 | 231 | 0.99 | <0.05 | 12.5 | 0.300 | 0.11 | 2.7 |
| M763546 | | 7.6 | 36.3 | <0.002 | 0.03 | 0.71 | 13.1 | 1 | 1.8 | 268 | 1.03 | <0.05 | 11.1 | 0.308 | 0.15 | 2.5 |
| M763547 | | 7.4 | 61.6 | 0.003 | 0.03 | 0.73 | 15.3 | 1 | 1.9 | 257 | 0.80 | <0.05 | 8.5 | 0.533 | 0.27 | 2.0 |
| M763548 | | 8.0 | 56.8 | <0.002 | 0.03 | 0.98 | 24.2 | 2 | 3.0 | 259 | 0.78 | <0.05 | 8.8 | 0.705 | 0.35 | 2.3 |
| M763549 | | 7.6 | 48.2 | <0.002 | 0.01 | 0.97 | 14.4 | 1 | 2.7 | 240 | 0.71 | <0.05 | 10.5 | 0.387 | 0.23 | 2.6 |
| M763550 | | 12.4 | 63.8 | <0.002 | <0.01 | 0.26 | 4.7 | 1 | 1.6 | 179.5 | 0.47 | <0.05 | 6.3 | 0.113 | 0.38 | 2.3 |
| M763551 | | 8.0 | 32.9 | <0.002 | <0.01 | 0.98 | 10.9 | 1 | 2.5 | 275 | 0.91 | <0.05 | 10.7 | 0.313 | 0.12 | 2.6 |
| M763552 | | 6.3 | 40.7 | <0.002 | 0.01 | 0.93 | 9.4 | 1 | 2.0 | 162.5 | 1.02 | <0.05 | 13.7 | 0.197 | 0.12 | 3.5 |
| M763553 | | 7.7 | 23.0 | <0.002 | <0.01 | 1.05 | 8.7 | 1 | 1.6 | 173.5 | 1.17 | <0.05 | 17.5 | 0.157 | 0.06 | 4.2 |
| M763554 | | 8.3 | 17.2 | 0.002 | <0.01 | 0.90 | 6.2 | 1 | 1.3 | 123.0 | 1.32 | <0.05 | 18.8 | 0.088 | 0.04 | 4.4 |
| M763555 | | 9.2 | 17.7 | <0.002 | <0.01 | 1.10 | 10.3 | <1 | 1.8 | 248 | 1.16 | <0.05 | 15.0 | 0.255 | 0.07 | 4.0 |
| M763556 | | 3.4 | 56.1 | 0.005 | 0.06 | 1.51 | 68.7 | 3 | 3.4 | 214 | 0.35 | <0.05 | 3.2 | 2.10 | 0.26 | 1.5 |
| M763557 | | 4.1 | 41.7 | 0.003 | 0.09 | 1.08 | 58.5 | 2 | 2.0 | 294 | 0.39 | <0.05 | 3.3 | 1.690 | 0.19 | 1.0 |
| M763558 | | 4.1 | 41.8 | 0.002 | 0.09 | 1.12 | 46.9 | 3 | 1.6 | 304 | 0.37 | <0.05 | 3.5 | 1.710 | 0.18 | 1.1 |
| M763559 | | 4.8 | 25.4 | 0.003 | 0.07 | 1.13 | 41.4 | 1 | 1.5 | 404 | 0.31 | <0.05 | 3.0 | 2.01 | 0.12 | 0.8 |
| M763560 | | 4.1 | 33.2 | <0.002 | 0.10 | 1.22 | 47.4 | 2 | 2.3 | 339 | 0.37 | <0.05 | 4.0 | 1.620 | 0.16 | 1.5 |
| M763561 | | 5.8 | 76.4 | 0.004 | 0.08 | 0.86 | 39.8 | 1 | 2.3 | 333 | 0.47 | <0.05 | 4.4 | 1.430 | 0.36 | 1.4 |
| M763562 | | 7.3 | 42.7 | <0.002 | 0.01 | 1.08 | 14.8 | 2 | 1.3 | 206 | 0.89 | <0.05 | 12.6 | 0.450 | 0.14 | 2.8 |
| M763563 | | 5.6 | 20.0 | 0.003 | 0.02 | 1.10 | 21.4 | 1 | 1.2 | 509 | 0.28 | <0.05 | 2.3 | 0.794 | 0.17 | 0.6 |
| M763564 | | 6.9 | 51.2 | 0.004 | 0.23 | 1.54 | 37.0 | 2 | 2.3 | 301 | 0.43 | <0.05 | 3.4 | 1.675 | 0.25 | 1.0 |
| M763565 | | 3.6 | 121.5 | 0.002 | <0.01 | 0.62 | 44.0 | 2 | 0.9 | 288 | 0.30 | <0.05 | 3.2 | 1.865 | 0.58 | 1.1 |
| M763566 | | 3.7 | 156.0 | 0.002 | 0.05 | 0.47 | 41.0 | 1 | 1.2 | 273 | 0.38 | <0.05 | 3.2 | 1.955 | 0.89 | 1.3 |
| M763567 | | 4.7 | 40.2 | <0.002 | 0.04 | 1.00 | 5.3 | 1 | 1.2 | 84.2 | 1.45 | <0.05 | 19.4 | 0.078 | 0.12 | 4.9 |
| M763568 | | 3.1 | 79.6 | <0.002 | 0.03 | 1.12 | 4.2 | 1 | 1.0 | 66.5 | 1.29 | <0.05 | 16.9 | 0.054 | 0.25 | 4.5 |
| M763569 | | 22.4 | 64.2 | <0.002 | 0.04 | 1.13 | 3.9 | 1 | 0.9 | 74.1 | 1.63 | <0.05 | 20.9 | 0.050 | 0.20 | 5.9 |
| M763570 | | 2.9 | 90.8 | <0.002 | 0.01 | 1.14 | 4.8 | 1 | 0.9 | 70.4 | 1.37 | <0.05 | 18.6 | 0.056 | 0.24 | 4.2 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|
| M763531 | | 120 | 0.8 | 29.0 | 103 | 157.5 |
| M763532 | | 254 | 0.6 | 34.7 | 108 | 97.0 |
| M763533 | | 172 | 0.7 | 38.4 | 61 | 262 |
| M763534 | | 65 | 0.4 | 27.6 | 42 | 299 |
| M763535 | | 192 | 0.6 | 31.1 | 78 | 168.0 |
| M763536 | | 318 | 0.6 | 17.3 | 96 | 72.2 |
| M763537 | | 161 | 0.6 | 19.2 | 60 | 178.0 |
| M763538 | | 100 | 5.1 | 14.7 | 98 | 56.7 |
| M763539 | | 93 | 4.8 | 32.1 | 60 | 342 |
| M763540 | | 310 | 0.7 | 36.8 | 89 | 75.1 |
| M763541 | | 106 | 0.5 | 28.0 | 51 | 304 |
| M763542 | | 177 | 0.4 | 22.8 | 71 | 146.5 |
| M763543 | | 269 | 0.5 | 22.7 | 79 | 51.9 |
| M763544 | | 134 | 0.7 | 20.0 | 59 | 124.0 |
| M763545 | | 18 | 0.5 | 29.7 | 22 | 269 |
| M763546 | | 8 | 0.5 | 29.2 | 28 | 165.0 |
| M763547 | | 52 | 0.5 | 28.3 | 45 | 149.5 |
| M763548 | | 94 | 0.6 | 27.8 | 55 | 165.5 |
| M763549 | | 34 | 0.5 | 26.4 | 42 | 235 |
| M763550 | | 14 | 0.9 | 16.5 | 43 | 26.1 |
| M763551 | | 11 | 0.4 | 27.6 | 27 | 214 |
| M763552 | | 4 | 0.5 | 28.5 | 24 | 361 |
| M763553 | | 4 | 0.5 | 27.9 | 19 | 322 |
| M763554 | | 3 | 0.4 | 29.1 | 13 | 262 |
| M763555 | | 16 | 0.3 | 31.5 | 19 | 321 |
| M763556 | | 361 | 0.7 | 41.5 | 101 | 46.6 |
| M763557 | | 269 | 0.5 | 34.2 | 91 | 54.8 |
| M763558 | | 284 | 0.5 | 36.7 | 88 | 50.1 |
| M763559 | | 350 | 0.5 | 23.2 | 80 | 53.1 |
| M763560 | | 277 | 0.5 | 42.9 | 87 | 50.6 |
| M763561 | | 244 | 0.4 | 18.9 | 81 | 113.5 |
| M763562 | | 53 | 0.5 | 22.3 | 39 | 208 |
| M763563 | | 96 | 1.0 | 10.2 | 73 | 52.1 |
| M763564 | | 245 | 0.6 | 21.5 | 129 | 52.1 |
| M763565 | | 203 | 4.5 | 28.9 | 129 | 61.5 |
| M763566 | | 233 | 0.6 | 33.0 | 132 | 53.0 |
| M763567 | | 4 | 1.1 | 23.9 | 10 | 198.5 |
| M763568 | | 2 | 1.0 | 17.5 | 9 | 193.0 |
| M763569 | | 3 | 0.9 | 20.1 | 17 | 210 |
| M763570 | | 1 | 1.2 | 21.3 | 8 | 212 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763571 | | 2.30 | <0.005 | 0.05 | 6.17 | 16.1 | 930 | 1.99 | 0.06 | 0.44 | 0.02 | 116.5 | 1.9 | 8 | 0.30 | 2.4 |
| M763572 | | 2.26 | <0.005 | 0.11 | 6.18 | 36.7 | 740 | 2.44 | 0.21 | 0.59 | 0.05 | 111.0 | 6.3 | 10 | 0.36 | 27.1 |
| M763573 | | 2.22 | 0.009 | 0.07 | 6.15 | 61.2 | 420 | 3.06 | 0.10 | 0.75 | 0.04 | 117.0 | 1.6 | 10 | 0.29 | 2.9 |
| M763574 | | 1.30 | <0.005 | 0.04 | 6.12 | 17.0 | 720 | 2.06 | 0.11 | 0.59 | <0.02 | 119.0 | 2.1 | 8 | 0.30 | 1.5 |
| M763575 | | 0.81 | <0.005 | 0.06 | 6.07 | 17.3 | 750 | 2.07 | 0.11 | 0.58 | 0.03 | 109.0 | 2.4 | 8 | 0.29 | 1.7 |
| M763576 | | 2.43 | <0.005 | 0.05 | 6.03 | 30.4 | 560 | 2.19 | 0.12 | 0.77 | 0.02 | 105.0 | 2.0 | 12 | 0.41 | 8.8 |
| M763577 | | 2.39 | <0.005 | 0.12 | 5.98 | 31.3 | 970 | 1.63 | 0.10 | 0.42 | 0.03 | 110.0 | 1.5 | 11 | 0.35 | 4.0 |
| M763578 | | 2.41 | <0.005 | 0.15 | 5.91 | 52.6 | 840 | 1.70 | 0.16 | 0.47 | 0.07 | 115.0 | 3.2 | 8 | 0.41 | 24.8 |
| M763579 | | 2.29 | <0.005 | 0.11 | 5.81 | 41.4 | 900 | 1.84 | 0.11 | 0.44 | 0.05 | 115.5 | 2.9 | 10 | 0.40 | 11.7 |
| M763580 | | 2.41 | 0.006 | 0.15 | 5.88 | 52.0 | 930 | 1.70 | 0.15 | 0.47 | 0.08 | 115.5 | 4.2 | 9 | 0.44 | 82.4 |
| M763581 | | 2.40 | 0.005 | 0.09 | 5.75 | 115.0 | 870 | 1.65 | 0.11 | 0.50 | 0.06 | 107.0 | 2.0 | 14 | 0.46 | 15.5 |
| M763582 | | 1.43 | <0.005 | 0.06 | 5.36 | 176.0 | 560 | 2.37 | 0.07 | 0.71 | 0.08 | 141.5 | 1.7 | 5 | 0.45 | 16.1 |
| M763583 | | 2.19 | 0.065 | 0.33 | 6.05 | 264 | 640 | 1.87 | 0.10 | 0.68 | 0.05 | 116.0 | 3.0 | 11 | 0.37 | 24.4 |
| M763584 | | 1.14 | 0.011 | 0.16 | 6.11 | 191.0 | 660 | 2.32 | 0.07 | 0.71 | 0.06 | 111.5 | 2.1 | 8 | 0.43 | 34.1 |
| M763585 | | 1.15 | 0.035 | 0.13 | 6.14 | 172.5 | 1040 | 1.53 | 0.10 | 0.49 | 0.08 | 109.0 | 3.2 | 8 | 0.44 | 30.5 |
| M763586 | | 1.21 | <0.005 | 0.14 | 6.29 | 26.3 | 920 | 1.72 | 0.10 | 0.41 | 0.04 | 119.0 | 1.6 | 9 | 0.54 | 17.5 |
| M763587 | | 1.87 | 0.013 | 0.11 | 6.16 | 89.0 | 880 | 1.66 | 0.11 | 0.48 | 0.04 | 113.5 | 3.1 | 7 | 0.53 | 13.6 |
| M763588 | | 1.85 | <0.005 | 0.13 | 6.25 | 15.5 | 870 | 2.15 | 0.11 | 0.38 | 0.02 | 118.0 | 2.0 | 9 | 0.53 | 6.0 |
| M763589 | | 1.82 | <0.005 | 0.10 | 6.12 | 20.0 | 850 | 1.80 | 0.12 | 0.37 | 0.04 | 100.5 | 1.5 | 8 | 0.51 | 7.3 |
| M763590 | | 1.81 | <0.005 | 1.00 | 5.81 | 67.2 | 840 | 2.33 | 0.25 | 0.55 | 0.04 | 124.0 | 1.4 | 8 | 0.51 | 27.9 |
| M763591 | | 1.94 | <0.005 | 0.13 | 6.06 | 29.2 | 830 | 1.95 | 0.12 | 0.35 | 0.03 | 111.5 | 1.1 | 28 | 0.48 | 8.1 |
| M763592 | | 1.79 | <0.005 | 0.09 | 6.30 | 5.4 | 820 | 1.88 | 0.14 | 0.36 | 0.03 | 109.5 | 0.7 | 8 | 0.49 | 4.6 |
| M763593 | | 1.65 | <0.005 | 0.12 | 6.27 | 3.8 | 790 | 2.11 | 0.08 | 0.35 | <0.02 | 124.0 | 0.9 | 8 | 0.52 | 4.1 |
| M763594 | | 1.74 | <0.005 | 0.17 | 6.44 | 5.5 | 810 | 1.96 | 0.17 | 0.38 | 0.02 | 122.5 | 0.7 | 6 | 0.57 | 5.6 |
| M763595 | | 1.85 | <0.005 | 0.09 | 6.25 | 15.2 | 840 | 1.76 | 0.12 | 0.35 | 0.06 | 122.0 | 0.7 | 9 | 0.54 | 5.4 |
| M763596 | | 1.94 | 0.013 | 0.17 | 6.43 | 40.4 | 1210 | 1.49 | 0.08 | 0.48 | 0.08 | 126.5 | 1.0 | 8 | 0.59 | 28.5 |
| M763597 | | 1.33 | 0.078 | 0.26 | 6.05 | 72.2 | 910 | 1.46 | 0.28 | 0.47 | 0.44 | 119.5 | 2.3 | 8 | 0.65 | 185.0 |
| M763598 | | 1.43 | 0.050 | 0.31 | 6.29 | 1220 | 960 | 1.72 | 0.62 | 0.51 | 0.13 | 107.0 | 3.0 | 7 | 0.66 | 150.0 |
| M763599 | | 1.31 | 0.048 | 0.19 | 6.12 | 145.0 | 840 | 1.76 | 0.30 | 0.46 | 0.10 | 118.0 | 2.1 | 5 | 0.47 | 19.9 |
| M763600 | | 0.03 | 1.315 | 0.85 | 8.20 | 3.9 | 100 | 2.45 | 0.47 | 0.89 | 0.13 | 16.35 | 8.5 | 27 | 20.1 | 12.6 |
| M763601 | | 1.99 | 0.011 | 0.21 | 6.00 | 43.3 | 830 | 1.90 | 0.19 | 0.39 | 0.11 | 109.0 | 1.6 | 8 | 0.45 | 15.3 |
| M763602 | | 1.82 | <0.005 | 0.21 | 5.88 | 28.9 | 870 | 2.06 | 0.56 | 0.76 | 0.04 | 121.0 | 3.2 | 11 | 0.50 | 8.9 |
| M763603 | | 1.82 | <0.005 | 0.05 | 6.20 | 5.8 | 760 | 1.79 | 0.08 | 0.34 | <0.02 | 109.0 | 0.8 | 7 | 0.51 | 2.3 |
| M763604 | | 1.86 | <0.005 | 0.09 | 6.23 | 18.3 | 750 | 2.04 | 0.18 | 0.35 | 0.02 | 139.0 | 1.1 | 8 | 0.51 | 21.1 |
| M763605 | | 1.88 | 0.009 | 0.07 | 6.27 | 15.7 | 960 | 1.71 | 0.12 | 0.38 | 0.02 | 112.0 | 1.8 | 9 | 0.50 | 6.3 |
| M763606 | | 1.78 | 0.162 | 0.24 | 6.24 | 34.7 | 1080 | 1.53 | 0.12 | 0.44 | <0.02 | 108.5 | 2.1 | 9 | 0.52 | 5.9 |
| M763607 | | 2.24 | 0.051 | 0.30 | 6.09 | 109.5 | 920 | 2.01 | 0.20 | 0.36 | 0.27 | 124.0 | 1.9 | 8 | 0.44 | 15.7 |
| M763608 | | 1.25 | <0.005 | 0.09 | 6.17 | 6.7 | 770 | 1.88 | 0.07 | 0.32 | 0.03 | 111.5 | 0.6 | 12 | 0.57 | 2.3 |
| M763609 | | 2.08 | <0.005 | 0.08 | 6.05 | 25.4 | 840 | 1.86 | 0.13 | 0.41 | 0.05 | 172.5 | 1.0 | 11 | 0.60 | 8.2 |
| M763610 | | 1.47 | <0.005 | 0.09 | 6.09 | 18.7 | 780 | 1.88 | 0.21 | 0.36 | 0.03 | 111.5 | 0.7 | 6 | 0.55 | 3.5 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763571 | | 1.20 | 16.80 | 0.19 | 7.1 | 0.013 | 2.78 | 57.8 | 2.5 | 0.02 | 132 | 1.00 | 2.94 | 14.7 | 0.8 | 20 |
| M763572 | | 1.65 | 16.80 | 0.22 | 7.2 | 0.015 | 1.97 | 56.9 | 3.4 | 0.03 | 171 | 0.95 | 3.22 | 14.5 | 2.2 | 20 |
| M763573 | | 1.01 | 16.85 | 0.20 | 7.4 | 0.012 | 0.95 | 55.1 | 2.7 | 0.03 | 174 | 0.65 | 3.63 | 14.8 | 0.8 | 30 |
| M763574 | | 1.29 | 16.30 | 0.20 | 6.5 | 0.011 | 1.91 | 59.2 | 1.9 | 0.03 | 167 | 12.95 | 3.21 | 14.2 | 0.8 | 30 |
| M763575 | | 1.26 | 16.60 | 0.20 | 6.9 | 0.012 | 1.96 | 55.5 | 2.0 | 0.03 | 165 | 0.89 | 3.22 | 14.5 | 0.9 | 20 |
| M763576 | | 1.12 | 16.75 | 0.17 | 6.4 | 0.015 | 1.34 | 52.3 | 2.9 | 0.03 | 177 | 0.70 | 3.38 | 14.8 | 0.8 | 30 |
| M763577 | | 1.27 | 15.90 | 0.18 | 6.7 | 0.007 | 2.90 | 57.1 | 2.9 | 0.02 | 178 | 1.50 | 2.77 | 13.7 | 0.6 | 20 |
| M763578 | | 1.24 | 16.10 | 0.18 | 7.4 | 0.011 | 2.72 | 55.2 | 3.7 | 0.02 | 178 | 1.73 | 2.71 | 15.6 | 0.6 | 20 |
| M763579 | | 1.17 | 16.95 | 0.22 | 7.1 | 0.007 | 2.94 | 58.8 | 3.8 | 0.02 | 170 | 2.18 | 2.58 | 15.8 | 0.6 | 20 |
| M763580 | | 1.45 | 16.65 | 0.20 | 6.7 | 0.009 | 2.66 | 57.7 | 4.5 | 0.02 | 188 | 1.49 | 2.66 | 16.3 | 0.6 | 20 |
| M763581 | | 1.21 | 14.80 | 0.18 | 7.0 | 0.016 | 2.48 | 54.0 | 4.7 | 0.03 | 187 | 1.48 | 2.59 | 14.7 | 0.7 | 20 |
| M763582 | | 0.81 | 15.55 | 0.22 | 7.0 | 0.046 | 1.36 | 67.9 | 6.6 | 0.04 | 144 | 7.30 | 2.45 | 11.5 | 0.6 | 20 |
| M763583 | | 1.01 | 16.05 | 0.20 | 7.4 | 0.016 | 1.77 | 60.4 | 4.1 | 0.02 | 228 | 1.27 | 3.17 | 15.4 | 1.0 | 20 |
| M763584 | | 0.98 | 17.00 | 0.15 | 6.8 | 0.042 | 1.70 | 53.0 | 5.8 | 0.03 | 147 | 1.52 | 2.85 | 18.4 | 0.9 | 20 |
| M763585 | | 1.08 | 16.55 | 0.18 | 6.5 | 0.026 | 3.08 | 52.3 | 4.7 | 0.02 | 233 | 2.54 | 2.65 | 16.9 | 0.8 | 20 |
| M763586 | | 1.53 | 17.80 | 0.16 | 7.0 | 0.022 | 3.20 | 55.9 | 3.7 | 0.02 | 275 | 3.97 | 2.72 | 16.7 | 0.5 | 20 |
| M763587 | | 1.23 | 17.50 | 0.20 | 6.3 | 0.027 | 3.09 | 53.5 | 3.9 | 0.02 | 288 | 12.00 | 2.65 | 15.8 | 0.9 | 20 |
| M763588 | | 1.27 | 18.30 | 0.18 | 6.4 | 0.026 | 3.28 | 56.0 | 3.1 | 0.02 | 223 | 2.58 | 2.79 | 17.3 | 0.8 | 30 |
| M763589 | | 1.27 | 16.80 | 0.20 | 6.4 | 0.042 | 3.22 | 49.2 | 2.6 | 0.02 | 207 | 3.20 | 2.74 | 16.7 | 0.6 | 20 |
| M763590 | | 1.44 | 16.30 | 0.15 | 6.7 | 0.041 | 2.88 | 62.1 | 3.4 | 0.02 | 205 | 1.53 | 2.55 | 15.8 | 2.6 | 20 |
| M763591 | | 1.27 | 16.55 | 0.17 | 6.2 | 0.041 | 3.29 | 55.7 | 2.2 | 0.02 | 217 | 1.78 | 2.71 | 15.8 | 0.9 | 20 |
| M763592 | | 1.24 | 16.85 | 0.20 | 7.4 | 0.049 | 3.33 | 54.3 | 2.1 | 0.02 | 204 | 1.60 | 2.85 | 16.6 | 0.4 | 20 |
| M763593 | | 1.17 | 17.80 | 0.20 | 6.7 | 0.050 | 3.32 | 56.2 | 2.0 | 0.02 | 175 | 1.63 | 2.88 | 17.6 | 0.6 | 20 |
| M763594 | | 1.23 | 18.40 | 0.19 | 6.8 | 0.049 | 3.32 | 56.6 | 2.2 | 0.02 | 186 | 2.14 | 2.95 | 18.7 | 0.5 | 20 |
| M763595 | | 1.26 | 17.15 | 0.17 | 6.6 | 0.042 | 3.28 | 56.7 | 2.7 | 0.02 | 216 | 1.54 | 2.76 | 15.8 | 0.6 | 20 |
| M763596 | | 1.03 | 17.00 | 0.19 | 7.2 | 0.032 | 3.74 | 60.0 | 5.2 | 0.02 | 276 | 8.62 | 2.58 | 16.0 | 0.5 | 20 |
| M763597 | | 1.36 | 16.70 | 0.17 | 7.4 | 0.063 | 3.21 | 55.4 | 5.6 | 0.02 | 449 | 17.45 | 2.40 | 16.9 | 0.5 | 20 |
| M763598 | | 1.41 | 17.10 | 0.15 | 6.7 | 0.089 | 3.31 | 51.7 | 6.0 | 0.02 | 423 | 10.75 | 2.42 | 16.8 | 0.5 | 20 |
| M763599 | | 1.09 | 18.15 | 0.19 | 7.5 | 0.044 | 3.23 | 58.6 | 4.1 | 0.02 | 305 | 1.78 | 2.76 | 17.3 | 0.6 | 20 |
| M763600 | | 3.93 | 19.75 | 0.11 | 1.3 | 0.015 | 2.51 | 7.8 | 4.9 | 0.91 | 238 | 0.96 | 5.05 | 9.0 | 31.6 | 670 |
| M763601 | | 1.16 | 17.20 | 0.17 | 6.5 | 0.039 | 3.05 | 55.2 | 2.9 | 0.02 | 252 | 1.65 | 2.80 | 16.7 | 0.5 | 20 |
| M763602 | | 1.10 | 17.20 | 0.19 | 6.5 | 0.039 | 3.05 | 57.3 | 2.9 | 0.02 | 292 | 1.69 | 2.66 | 16.6 | 0.8 | 20 |
| M763603 | | 1.18 | 17.35 | 0.17 | 6.4 | 0.035 | 3.28 | 54.4 | 2.3 | 0.02 | 206 | 1.88 | 2.83 | 16.8 | 0.5 | 20 |
| M763604 | | 1.25 | 18.20 | 0.21 | 7.0 | 0.047 | 3.32 | 65.9 | 2.5 | 0.02 | 200 | 2.36 | 2.86 | 17.9 | 0.6 | 10 |
| M763605 | | 1.13 | 18.00 | 0.19 | 6.5 | 0.041 | 3.41 | 51.6 | 2.6 | 0.02 | 255 | 1.88 | 2.77 | 18.0 | 0.6 | 10 |
| M763606 | | 1.23 | 17.05 | 0.17 | 6.8 | 0.034 | 3.48 | 53.5 | 2.6 | 0.02 | 269 | 1.24 | 2.67 | 16.0 | 0.7 | 20 |
| M763607 | | 1.20 | 18.20 | 0.20 | 7.0 | 0.053 | 3.29 | 58.3 | 3.3 | 0.02 | 294 | 2.46 | 2.69 | 17.5 | 0.7 | 10 |
| M763608 | | 1.16 | 16.60 | 0.18 | 7.1 | 0.034 | 3.24 | 53.5 | 1.9 | 0.02 | 215 | 1.64 | 2.83 | 16.6 | 0.5 | 20 |
| M763609 | | 1.19 | 16.70 | 0.24 | 6.4 | 0.039 | 3.19 | 82.2 | 3.2 | 0.02 | 256 | 2.17 | 2.65 | 15.6 | 0.5 | 10 |
| M763610 | | 1.25 | 17.40 | 0.20 | 6.8 | 0.030 | 3.18 | 55.6 | 2.7 | 0.02 | 318 | 1.82 | 2.75 | 15.7 | 0.5 | 20 |

***** 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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763571 | | 2.9 | 84.9 | <0.002 | <0.01 | 1.16 | 4.7 | 1 | 0.8 | 72.7 | 1.25 | <0.05 | 18.0 | 0.053 | 0.20 | 4.3 |
| M763572 | | 10.8 | 61.4 | <0.002 | 0.32 | 1.63 | 4.1 | 1 | 0.9 | 96.5 | 1.36 | <0.05 | 17.4 | 0.056 | 0.15 | 4.1 |
| M763573 | | 5.2 | 31.0 | <0.002 | 0.01 | 1.67 | 4.6 | 1 | 0.9 | 85.5 | 1.44 | <0.05 | 18.4 | 0.062 | 0.09 | 4.2 |
| M763574 | | 3.6 | 55.2 | 0.002 | <0.01 | 1.32 | 4.1 | 1 | 0.8 | 88.4 | 1.24 | <0.05 | 18.8 | 0.058 | 0.18 | 4.2 |
| M763575 | | 3.4 | 58.2 | <0.002 | <0.01 | 1.30 | 3.9 | 1 | 1.0 | 87.0 | 1.33 | <0.05 | 16.9 | 0.059 | 0.18 | 4.3 |
| M763576 | | 6.8 | 43.9 | <0.002 | 0.05 | 1.16 | 4.3 | 1 | 0.9 | 83.8 | 1.27 | <0.05 | 17.1 | 0.060 | 0.14 | 4.1 |
| M763577 | | 6.2 | 87.1 | <0.002 | 0.03 | 1.55 | 4.2 | 1 | 0.9 | 69.2 | 1.16 | <0.05 | 16.8 | 0.050 | 0.25 | 4.4 |
| M763578 | | 15.1 | 79.5 | <0.002 | 0.11 | 1.72 | 3.9 | 2 | 1.0 | 67.5 | 1.39 | <0.05 | 18.7 | 0.055 | 0.24 | 5.1 |
| M763579 | | 9.6 | 95.3 | <0.002 | 0.05 | 1.75 | 4.5 | 2 | 1.1 | 61.5 | 1.29 | <0.05 | 18.1 | 0.055 | 0.28 | 4.7 |
| M763580 | | 14.0 | 79.5 | <0.002 | 0.30 | 1.69 | 4.4 | 2 | 0.9 | 73.3 | 1.39 | <0.05 | 17.7 | 0.056 | 0.22 | 4.8 |
| M763581 | | 17.4 | 70.3 | <0.002 | 0.08 | 1.28 | 4.1 | 1 | 1.1 | 69.3 | 1.34 | <0.05 | 18.6 | 0.055 | 0.25 | 5.2 |
| M763582 | | 20.6 | 48.4 | 0.003 | 0.08 | 1.13 | 5.9 | 1 | 2.1 | 71.7 | 1.08 | <0.05 | 26.8 | 0.048 | 0.17 | 4.3 |
| M763583 | | 12.6 | 55.2 | <0.002 | 0.14 | 1.62 | 4.2 | 1 | 1.1 | 89.6 | 1.34 | <0.05 | 18.0 | 0.055 | 0.18 | 4.8 |
| M763584 | | 11.7 | 48.2 | 0.002 | 0.20 | 1.54 | 4.3 | 1 | 2.1 | 63.6 | 1.52 | <0.05 | 15.3 | 0.059 | 0.21 | 4.3 |
| M763585 | | 13.9 | 78.9 | 0.003 | 0.15 | 1.62 | 4.6 | 1 | 1.6 | 61.6 | 1.21 | <0.05 | 14.5 | 0.060 | 0.33 | 4.2 |
| M763586 | | 6.0 | 93.6 | 0.002 | 0.07 | 1.36 | 4.6 | 1 | 2.1 | 62.7 | 1.28 | <0.05 | 15.8 | 0.059 | 0.40 | 4.4 |
| M763587 | | 5.0 | 96.8 | 0.007 | 0.05 | 1.51 | 4.9 | 1 | 2.7 | 53.1 | 1.17 | <0.05 | 15.0 | 0.056 | 0.38 | 3.9 |
| M763588 | | 4.6 | 106.0 | 0.003 | 0.02 | 1.89 | 4.6 | 1 | 1.7 | 48.3 | 1.23 | <0.05 | 14.8 | 0.059 | 0.39 | 4.1 |
| M763589 | | 6.7 | 99.1 | 0.003 | 0.03 | 1.73 | 4.6 | 1 | 2.2 | 41.9 | 1.24 | <0.05 | 13.8 | 0.060 | 0.37 | 4.1 |
| M763590 | | 7.0 | 96.6 | 0.003 | 0.36 | 3.58 | 4.3 | 1 | 1.7 | 52.5 | 1.18 | <0.05 | 16.0 | 0.057 | 0.36 | 4.0 |
| M763591 | | 4.4 | 108.5 | 0.003 | 0.03 | 1.46 | 4.4 | 1 | 2.4 | 34.2 | 1.22 | <0.05 | 14.7 | 0.056 | 0.41 | 4.3 |
| M763592 | | 3.7 | 113.5 | 0.002 | 0.01 | 1.31 | 4.6 | 1 | 2.6 | 29.3 | 1.26 | <0.05 | 15.3 | 0.058 | 0.47 | 4.4 |
| M763593 | | 3.5 | 119.5 | 0.002 | <0.01 | 1.40 | 4.5 | 1 | 2.9 | 27.1 | 1.31 | <0.05 | 15.6 | 0.056 | 0.49 | 3.2 |
| M763594 | | 3.8 | 123.5 | 0.003 | 0.01 | 1.50 | 4.8 | <1 | 2.6 | 35.7 | 1.41 | <0.05 | 15.6 | 0.058 | 0.46 | 4.0 |
| M763595 | | 11.7 | 104.0 | 0.003 | 0.02 | 1.66 | 4.7 | 1 | 2.1 | 41.7 | 1.19 | <0.05 | 14.0 | 0.059 | 0.39 | 3.7 |
| M763596 | | 15.4 | 109.0 | 0.004 | 0.10 | 1.58 | 5.1 | <1 | 1.8 | 55.3 | 1.24 | <0.05 | 15.9 | 0.059 | 0.45 | 3.9 |
| M763597 | | 62.7 | 97.3 | 0.004 | 0.30 | 1.82 | 4.5 | <1 | 3.0 | 39.8 | 1.33 | <0.05 | 15.0 | 0.058 | 0.38 | 5.5 |
| M763598 | | 16.6 | 109.5 | 0.004 | 0.31 | 2.06 | 4.6 | 1 | 4.2 | 40.5 | 1.32 | <0.05 | 15.4 | 0.061 | 0.39 | 4.5 |
| M763599 | | 14.6 | 99.9 | 0.002 | 0.15 | 2.08 | 4.7 | 1 | 2.2 | 46.3 | 1.34 | <0.05 | 16.9 | 0.054 | 0.39 | 4.7 |
| M763600 | | 80.3 | 600 | 0.003 | 3.07 | 1.41 | 3.1 | <1 | 1.1 | 167.5 | 0.69 | <0.05 | 2.4 | 0.218 | 6.64 | 1.3 |
| M763601 | | 32.0 | 90.2 | 0.003 | 0.12 | 1.88 | 4.6 | 1 | 2.2 | 43.8 | 1.30 | <0.05 | 15.0 | 0.057 | 0.42 | 4.4 |
| M763602 | | 8.0 | 100.0 | 0.003 | 0.07 | 1.64 | 4.4 | 1 | 1.8 | 50.4 | 1.28 | <0.05 | 17.0 | 0.058 | 0.41 | 4.3 |
| M763603 | | 3.7 | 116.5 | 0.002 | 0.01 | 1.29 | 4.6 | 1 | 2.2 | 29.2 | 1.27 | <0.05 | 15.8 | 0.057 | 0.47 | 3.7 |
| M763604 | | 4.0 | 121.5 | 0.003 | 0.04 | 1.24 | 4.9 | 1 | 2.5 | 26.0 | 1.39 | <0.05 | 16.8 | 0.055 | 0.45 | 4.6 |
| M763605 | | 4.2 | 111.0 | 0.002 | 0.03 | 1.32 | 4.7 | <1 | 2.2 | 43.8 | 1.38 | <0.05 | 15.3 | 0.056 | 0.45 | 4.3 |
| M763606 | | 4.0 | 101.5 | 0.002 | 0.03 | 1.41 | 4.5 | 1 | 1.9 | 47.8 | 1.27 | <0.05 | 15.9 | 0.056 | 0.46 | 4.2 |
| M763607 | | 56.3 | 111.0 | 0.002 | 0.16 | 2.60 | 4.9 | 1 | 2.7 | 39.5 | 1.29 | <0.05 | 15.9 | 0.059 | 0.43 | 4.5 |
| M763608 | | 3.4 | 117.0 | 0.002 | <0.01 | 1.22 | 4.3 | 1 | 2.5 | 27.3 | 1.32 | <0.05 | 15.4 | 0.056 | 0.53 | 3.5 |
| M763609 | | 8.0 | 108.5 | 0.003 | 0.03 | 1.30 | 4.4 | 1 | 2.5 | 38.4 | 1.19 | <0.05 | 17.4 | 0.053 | 0.50 | 3.9 |
| M763610 | | 5.5 | 102.0 | 0.002 | <0.01 | 1.62 | 4.5 | 1 | 2.1 | 40.6 | 1.15 | <0.05 | 14.8 | 0.055 | 0.45 | 4.1 |

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

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2103 Dollarton Hwy
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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: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|
| M763571 | | 1 | 1.1 | 20.1 | 8 | 202 |
| M763572 | | 2 | 5.2 | 26.5 | 20 | 193.0 |
| M763573 | | 2 | 1.1 | 32.9 | 14 | 203 |
| M763574 | | 2 | 0.8 | 27.7 | 10 | 188.0 |
| M763575 | | 1 | 0.8 | 27.1 | 9 | 185.5 |
| M763576 | | 1 | 1.3 | 26.4 | 13 | 181.0 |
| M763577 | | 1 | 1.2 | 19.5 | 11 | 192.5 |
| M763578 | | 1 | 1.3 | 26.2 | 25 | 199.0 |
| M763579 | | 1 | 1.3 | 27.2 | 20 | 208 |
| M763580 | | 1 | 1.2 | 26.3 | 26 | 193.5 |
| M763581 | | 1 | 1.2 | 23.5 | 20 | 196.5 |
| M763582 | | 2 | 2.3 | 25.5 | 18 | 191.5 |
| M763583 | | 1 | 1.1 | 24.3 | 14 | 211 |
| M763584 | | 1 | 2.7 | 20.7 | 23 | 215 |
| M763585 | | 1 | 1.6 | 22.5 | 30 | 203 |
| M763586 | | 1 | 1.4 | 26.4 | 19 | 225 |
| M763587 | | 1 | 1.8 | 20.4 | 18 | 203 |
| M763588 | | <1 | 1.7 | 24.4 | 17 | 219 |
| M763589 | | 1 | 1.8 | 20.7 | 20 | 212 |
| M763590 | | 1 | 1.4 | 24.7 | 16 | 221 |
| M763591 | | 1 | 1.5 | 19.9 | 11 | 199.5 |
| M763592 | | <1 | 1.8 | 18.9 | 11 | 241 |
| M763593 | | <1 | 2.8 | 17.8 | 11 | 212 |
| M763594 | | <1 | 3.6 | 18.5 | 12 | 217 |
| M763595 | | 1 | 1.8 | 18.8 | 21 | 214 |
| M763596 | | <1 | 5.2 | 16.6 | 31 | 229 |
| M763597 | | 1 | 2.1 | 22.3 | 170 | 238 |
| M763598 | | 1 | 2.4 | 22.8 | 66 | 212 |
| M763599 | | <1 | 2.2 | 23.9 | 37 | 239 |
| M763600 | | 27 | 0.2 | 4.6 | 36 | 48.6 |
| M763601 | | 1 | 1.9 | 21.9 | 42 | 209 |
| M763602 | | <1 | 2.0 | 29.7 | 17 | 218 |
| M763603 | | 1 | 1.7 | 18.7 | 10 | 199.5 |
| M763604 | | 1 | 1.9 | 20.9 | 11 | 212 |
| M763605 | | 1 | 2.2 | 17.8 | 10 | 206 |
| M763606 | | 1 | 2.9 | 18.7 | 9 | 211 |
| M763607 | | 1 | 2.2 | 20.9 | 110 | 226 |
| M763608 | | 1 | 2.2 | 17.6 | 7 | 224 |
| M763609 | | 1 | 1.8 | 22.8 | 22 | 202 |
| M763610 | | <1 | 1.6 | 20.1 | 21 | 226 |

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


**Finalized Date: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763611 | | 2.02 | <0.005 | 0.05 | 6.03 | 14.3 | 770 | 2.26 | 0.13 | 0.32 | 0.03 | 115.5 | 0.8 | 13 | 0.62 | 1.8 |
| M763612 | | 1.75 | <0.005 | 0.06 | 6.29 | 8.8 | 780 | 1.97 | 0.14 | 0.34 | 0.02 | 123.0 | 0.7 | 8 | 0.69 | 2.1 |
| M763613 | | 2.28 | <0.005 | 0.11 | 6.15 | 12.3 | 760 | 2.05 | 0.17 | 0.34 | 0.03 | 116.5 | 0.7 | 10 | 0.67 | 3.5 |
| M763614 | | 2.33 | <0.005 | 0.09 | 6.34 | 7.0 | 790 | 3.17 | 0.09 | 0.36 | 0.02 | 114.0 | 0.9 | 8 | 0.62 | 4.9 |
| M763615 | | 2.34 | <0.005 | 0.57 | 6.05 | 23.3 | 750 | 1.95 | 0.15 | 0.31 | 0.13 | 127.5 | 1.2 | 8 | 0.56 | 12.4 |
| M763616 | | 2.37 | <0.005 | 0.16 | 6.13 | 25.7 | 750 | 2.18 | 0.11 | 0.34 | <0.02 | 114.5 | 0.6 | 12 | 0.70 | 1.9 |
| M763617 | | 2.28 | <0.005 | 0.07 | 5.90 | 9.5 | 740 | 1.88 | 0.11 | 0.33 | 0.05 | 109.5 | 0.6 | 9 | 0.63 | 6.3 |
| M763618 | | 2.31 | <0.005 | 0.04 | 6.13 | 12.7 | 820 | 2.20 | 0.12 | 0.34 | 0.02 | 105.0 | 1.1 | 8 | 0.59 | 3.3 |
| M763619 | | 2.35 | <0.005 | 0.05 | 6.10 | 4.9 | 800 | 1.96 | 0.11 | 0.31 | 0.02 | 117.5 | 0.7 | 10 | 0.62 | 2.0 |
| M763620 | | 2.43 | <0.005 | 0.20 | 5.88 | 20.0 | 770 | 2.87 | 0.16 | 0.32 | 0.08 | 106.5 | 1.2 | 10 | 0.60 | 6.4 |
| M763621 | | 2.40 | <0.005 | 0.06 | 5.90 | 7.6 | 790 | 1.89 | 0.18 | 0.29 | 0.05 | 116.5 | 0.7 | 10 | 0.64 | 2.2 |
| M763622 | | 2.35 | <0.005 | 0.05 | 5.84 | 14.6 | 750 | 1.96 | 0.10 | 0.29 | 0.05 | 116.0 | 1.8 | 11 | 0.60 | 1.9 |
| M763623 | | 2.43 | <0.005 | 0.06 | 5.70 | 14.6 | 710 | 1.68 | 0.19 | 0.35 | 0.04 | 113.5 | 2.1 | 12 | 0.57 | 7.6 |
| M763624 | | 1.83 | <0.005 | 0.22 | 5.83 | 64.4 | 730 | 1.60 | 0.32 | 0.43 | 0.21 | 117.0 | 1.3 | 7 | 0.63 | 31.2 |
| M763625 | | 0.89 | <0.005 | 0.03 | 5.72 | 32.6 | 690 | 1.37 | 0.22 | 0.31 | 0.05 | 109.0 | 1.6 | 7 | 0.62 | 8.7 |

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


**Finalized Date: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763611 | | 1.21 | 17.85 | 0.20 | 6.7 | 0.029 | 3.21 | 56.8 | 2.1 | 0.02 | 261 | 2.07 | 2.78 | 16.3 | 0.6 | 20 |
| M763612 | | 1.18 | 17.90 | 0.17 | 6.3 | 0.030 | 3.35 | 58.5 | 2.1 | 0.02 | 227 | 2.22 | 2.89 | 15.3 | 0.5 | 20 |
| M763613 | | 1.14 | 17.60 | 0.19 | 6.4 | 0.037 | 3.32 | 58.1 | 2.0 | 0.02 | 257 | 2.69 | 2.80 | 16.2 | 0.9 | 20 |
| M763614 | | 1.21 | 18.30 | 0.18 | 7.0 | 0.046 | 3.33 | 53.0 | 2.4 | 0.02 | 274 | 1.77 | 2.85 | 18.0 | 0.6 | 20 |
| M763615 | | 1.06 | 17.90 | 0.17 | 6.8 | 0.039 | 3.28 | 60.5 | 2.3 | 0.02 | 263 | 2.48 | 2.73 | 17.7 | 0.7 | 20 |
| M763616 | | 1.09 | 18.30 | 0.19 | 6.6 | 0.041 | 3.27 | 53.1 | 2.0 | 0.02 | 212 | 1.84 | 2.83 | 18.8 | 0.7 | 20 |
| M763617 | | 1.03 | 16.45 | 0.16 | 6.4 | 0.044 | 3.08 | 52.9 | 2.1 | 0.02 | 249 | 2.01 | 2.80 | 16.4 | 0.5 | 10 |
| M763618 | | 1.12 | 17.05 | 0.17 | 6.9 | 0.034 | 3.26 | 50.4 | 2.2 | 0.02 | 231 | 1.76 | 2.82 | 16.6 | 0.6 | 10 |
| M763619 | | 1.06 | 16.75 | 0.19 | 6.7 | 0.036 | 3.26 | 56.5 | 1.9 | 0.02 | 195 | 1.70 | 2.80 | 16.2 | 0.5 | 20 |
| M763620 | | 1.03 | 16.90 | 0.16 | 6.6 | 0.037 | 3.13 | 54.0 | 1.9 | 0.02 | 249 | 2.07 | 2.72 | 15.6 | 0.9 | 10 |
| M763621 | | 1.04 | 17.05 | 0.18 | 6.4 | 0.036 | 3.20 | 59.7 | 2.2 | 0.02 | 217 | 1.92 | 2.66 | 15.3 | 0.6 | 20 |
| M763622 | | 1.05 | 17.60 | 0.20 | 7.5 | 0.034 | 3.16 | 56.8 | 2.0 | 0.02 | 218 | 1.70 | 2.71 | 16.4 | 0.6 | 10 |
| M763623 | | 1.32 | 17.30 | 0.18 | 6.8 | 0.034 | 2.90 | 53.9 | 2.7 | 0.02 | 303 | 1.67 | 2.70 | 16.3 | 0.7 | 10 |
| M763624 | | 1.22 | 16.75 | 0.17 | 5.9 | 0.047 | 3.05 | 53.9 | 4.0 | 0.02 | 403 | 1.88 | 2.53 | 16.4 | 0.6 | 10 |
| M763625 | | 1.22 | 15.90 | 0.19 | 6.1 | 0.024 | 2.97 | 54.4 | 2.7 | 0.02 | 284 | 1.50 | 2.60 | 14.9 | 0.4 | 10 |

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**Finalized Date: 2-MAY-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763611 | | 4.7 | 116.5 | 0.002 | <0.01 | 1.47 | 4.4 | 1 | 2.0 | 35.2 | 1.18 | <0.05 | 15.1 | 0.049 | 0.51 | 4.5 |
| M763612 | | 5.4 | 127.0 | 0.002 | <0.01 | 1.28 | 4.5 | 1 | 2.1 | 27.4 | 1.14 | <0.05 | 15.0 | 0.049 | 0.51 | 4.3 |
| M763613 | | 6.1 | 131.5 | 0.002 | <0.01 | 1.39 | 4.6 | 2 | 2.0 | 31.2 | 1.19 | <0.05 | 14.6 | 0.050 | 0.52 | 5.2 |
| M763614 | | 4.8 | 122.0 | 0.002 | <0.01 | 1.36 | 5.0 | 1 | 2.3 | 31.9 | 1.38 | <0.05 | 16.0 | 0.055 | 0.55 | 3.9 |
| M763615 | | 35.6 | 117.0 | 0.002 | 0.05 | 1.69 | 4.5 | 1 | 1.9 | 34.7 | 1.33 | <0.05 | 15.5 | 0.049 | 0.52 | 4.4 |
| M763616 | | 4.4 | 122.5 | 0.003 | <0.01 | 1.18 | 4.9 | 1 | 2.2 | 28.7 | 1.28 | <0.05 | 14.8 | 0.053 | 0.51 | 4.4 |
| M763617 | | 8.5 | 104.0 | 0.002 | 0.03 | 1.11 | 4.3 | 1 | 2.0 | 30.0 | 1.23 | <0.05 | 14.7 | 0.053 | 0.48 | 4.2 |
| M763618 | | 6.0 | 115.0 | 0.002 | 0.01 | 1.29 | 4.5 | 1 | 2.2 | 35.5 | 1.31 | <0.05 | 14.9 | 0.057 | 0.48 | 4.3 |
| M763619 | | 4.5 | 116.5 | 0.003 | <0.01 | 1.22 | 4.1 | 1 | 1.5 | 33.0 | 1.24 | <0.05 | 15.3 | 0.052 | 0.50 | 4.1 |
| M763620 | | 21.8 | 134.5 | 0.003 | 0.01 | 1.71 | 4.5 | 1 | 1.9 | 32.5 | 1.23 | 0.06 | 17.4 | 0.050 | 0.51 | 5.8 |
| M763621 | | 4.6 | 133.0 | 0.003 | <0.01 | 1.35 | 4.7 | <1 | 2.1 | 34.6 | 1.26 | <0.05 | 18.1 | 0.051 | 0.49 | 4.0 |
| M763622 | | 4.5 | 135.5 | 0.002 | <0.01 | 1.33 | 4.4 | 1 | 2.2 | 33.1 | 1.42 | 0.05 | 18.5 | 0.050 | 0.48 | 4.7 |
| M763623 | | 4.6 | 118.5 | 0.002 | 0.04 | 1.24 | 4.5 | <1 | 2.9 | 33.3 | 1.35 | 0.05 | 17.5 | 0.051 | 0.43 | 4.6 |
| M763624 | | 26.7 | 127.0 | 0.003 | 0.10 | 1.47 | 4.3 | 1 | 3.2 | 34.3 | 1.31 | 0.06 | 16.8 | 0.051 | 0.48 | 4.0 |
| M763625 | | 4.6 | 107.5 | 0.002 | 0.04 | 1.00 | 4.2 | 1 | 2.4 | 39.5 | 1.24 | 0.05 | 17.2 | 0.051 | 0.44 | 4.2 |

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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12085286

| 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 |
|---|---|---|---|---|---|---|
| M763611 | | <1 | 1.6 | 19.0 | 14 | 213 |
| M763612 | | <1 | 1.7 | 19.0 | 15 | 198.5 |
| M763613 | | 1 | 2.1 | 18.5 | 15 | 199.5 |
| M763614 | | <1 | 2.0 | 19.1 | 15 | 216 |
| M763615 | | <1 | 1.8 | 19.9 | 46 | 211 |
| M763616 | | 1 | 1.9 | 20.7 | 11 | 214 |
| M763617 | | 1 | 2.0 | 20.1 | 27 | 200 |
| M763618 | | <1 | 1.9 | 17.8 | 15 | 223 |
| M763619 | | <1 | 1.7 | 14.4 | 10 | 218 |
| M763620 | | 1 | 1.9 | 16.6 | 14 | 204 |
| M763621 | | 1 | 1.9 | 15.1 | 12 | 191.0 |
| M763622 | | <1 | 1.9 | 16.1 | 12 | 212 |
| M763623 | | <1 | 2.0 | 17.1 | 16 | 202 |
| M763624 | | <1 | 1.6 | 19.6 | 95 | 174.0 |
| M763625 | | <1 | 1.6 | 20.2 | 19 | 181.0 |

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# CERTIFICATE OF ANALYSIS TB12085286

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