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: 23-APR-2012**
**Account: RRRTPK**

# CERTIFICATE TB12077521

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 203 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 10-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-32 | Pulverize 1000g 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 TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763083 | | 0.98 | <0.005 | 0.10 | 6.20 | 48.5 | 1180 | 2.20 | 0.21 | 0.55 | 0.19 | 125.5 | 3.2 | 8 | 0.65 | 6.9 |
| M763084 | | 1.68 | 0.009 | 0.06 | 6.09 | 68.2 | 1300 | 1.99 | 0.30 | 0.44 | 0.09 | 125.5 | 3.9 | 6 | 0.79 | 7.2 |
| M763085 | | 1.63 | 0.007 | 0.07 | 6.19 | 28.1 | 1830 | 1.68 | 0.29 | 0.20 | 0.04 | 133.5 | 5.4 | 5 | 0.57 | 11.8 |
| M763086 | | 1.88 | 0.037 | 0.11 | 6.21 | 80.0 | 1000 | 1.98 | 0.28 | 0.28 | 0.06 | 112.5 | 4.6 | 5 | 0.59 | 14.6 |
| M763087 | | 1.53 | 0.005 | 0.08 | 6.25 | 18.0 | 1050 | 2.04 | 0.26 | 0.22 | 0.08 | 117.5 | 3.6 | 5 | 0.45 | 5.8 |
| M763088 | | 1.78 | 0.026 | 0.05 | 6.17 | 13.6 | 720 | 2.17 | 0.21 | 0.49 | 0.04 | 108.5 | 4.5 | 5 | 0.51 | 5.1 |
| M763089 | | 1.73 | <0.005 | 0.03 | 5.95 | 6.9 | 1300 | 1.89 | 0.14 | 0.37 | 0.03 | 122.5 | 4.2 | 5 | 0.64 | 1.9 |
| M763090 | | 1.70 | <0.005 | 0.11 | 6.63 | 13.0 | 1280 | 2.02 | 0.15 | 0.31 | 0.06 | 129.5 | 4.8 | 5 | 0.79 | 2.6 |
| M763091 | | 1.59 | <0.005 | 0.15 | 6.61 | 14.8 | 1130 | 2.06 | 0.14 | 0.36 | 0.07 | 119.0 | 4.5 | 6 | 0.66 | 4.2 |
| M763092 | | 1.44 | <0.005 | 0.11 | 6.95 | 9.7 | 1290 | 2.23 | 0.12 | 0.18 | 0.05 | 127.5 | 4.0 | 5 | 1.30 | 3.0 |
| M763093 | | 1.29 | <0.005 | 0.04 | 6.78 | 12.7 | 1450 | 1.84 | 0.07 | 0.16 | 0.04 | 130.5 | 5.2 | 4 | 1.67 | 2.7 |
| M763094 | | 1.76 | <0.005 | 0.19 | 6.90 | 10.2 | 1360 | 2.02 | 0.09 | 0.30 | 0.09 | 129.0 | 4.8 | 11 | 0.66 | 2.8 |
| M763095 | | 1.84 | <0.005 | 0.13 | 6.94 | 10.2 | 1430 | 1.92 | 0.10 | 0.23 | 0.10 | 129.5 | 4.4 | 6 | 1.15 | 3.4 |
| M763096 | | 1.92 | <0.005 | 0.07 | 6.52 | 75.0 | 1360 | 1.87 | 0.46 | 0.70 | 0.56 | 124.5 | 5.7 | 7 | 0.58 | 13.6 |
| M763097 | | 2.01 | <0.005 | 0.33 | 6.54 | 14.6 | 1510 | 1.69 | 0.24 | 0.78 | 0.07 | 113.5 | 4.8 | 7 | 0.64 | 9.2 |
| M763098 | | 1.58 | <0.005 | 0.08 | 6.70 | 9.0 | 1310 | 2.07 | 0.13 | 0.31 | 0.04 | 110.5 | 5.2 | 5 | 0.96 | 7.9 |
| M763099 | | 0.03 | 3.35 | 0.17 | 1.60 | 1.8 | 110 | 0.34 | 0.15 | 0.01 | 0.15 | 17.45 | 1.1 | 11 | 0.57 | 6.1 |
| M763100 | | 1.81 | 0.010 | 0.06 | 6.71 | 13.1 | 1510 | 2.00 | 0.40 | 0.31 | 0.03 | 129.5 | 6.6 | 8 | 0.93 | 14.5 |
| M763101 | | 1.99 | 0.006 | 0.09 | 6.66 | 45.4 | 1570 | 1.80 | 0.23 | 0.25 | 0.02 | 128.0 | 6.3 | 6 | 1.22 | 10.9 |
| M763102 | | 1.72 | <0.005 | 0.03 | 6.22 | 8.4 | 1230 | 1.57 | 0.08 | 0.36 | 0.02 | 135.5 | 3.6 | 7 | 0.95 | 3.6 |
| M763103 | | 2.05 | <0.005 | 0.03 | 6.57 | 9.1 | 1380 | 1.89 | 0.16 | 0.42 | 0.02 | 128.0 | 5.8 | 7 | 1.00 | 3.3 |
| M763104 | | 1.64 | 0.017 | 0.03 | 6.34 | 7.6 | 1270 | 1.58 | 0.24 | 0.35 | <0.02 | 127.5 | 3.3 | 7 | 0.88 | 4.5 |
| M763105 | | 1.70 | <0.005 | 0.03 | 6.50 | 8.4 | 1320 | 1.79 | 0.20 | 0.19 | 0.02 | 125.0 | 4.1 | 6 | 1.39 | 6.9 |
| M763106 | | 1.96 | <0.005 | 0.04 | 6.60 | 5.4 | 1340 | 1.73 | 0.24 | 0.28 | <0.02 | 139.0 | 3.8 | 7 | 0.65 | 14.7 |
| M763107 | | 1.76 | <0.005 | 0.03 | 6.46 | 10.3 | 1390 | 1.86 | 0.15 | 0.26 | <0.02 | 124.0 | 3.8 | 7 | 0.52 | 8.2 |
| M763108 | | 1.67 | <0.005 | 0.04 | 6.13 | 7.1 | 1320 | 1.82 | 0.06 | 0.26 | 0.02 | 128.5 | 3.6 | 11 | 0.56 | 7.1 |
| M763109 | | 1.00 | <0.005 | 0.04 | 5.97 | 4.9 | 1160 | 1.76 | 0.08 | 0.21 | 0.03 | 113.5 | 3.8 | 5 | 1.06 | 6.8 |
| M763110 | | 1.48 | <0.005 | 0.05 | 6.10 | 13.0 | 1220 | 2.18 | 0.09 | 0.27 | 0.06 | 134.0 | 4.5 | 12 | 0.85 | 6.8 |
| M763111 | | 1.60 | <0.005 | 0.40 | 6.26 | 9.6 | 1260 | 1.83 | 0.06 | 0.26 | 0.09 | 126.5 | 4.0 | 7 | 0.65 | 3.0 |
| M763112 | | 1.70 | <0.005 | 0.30 | 6.25 | 17.1 | 1260 | 1.87 | 0.09 | 0.22 | 0.02 | 132.0 | 4.2 | 7 | 0.89 | 3.4 |
| M763113 | | 1.17 | <0.005 | 0.12 | 6.35 | 14.5 | 1150 | 2.15 | 0.17 | 0.23 | <0.02 | 132.5 | 4.2 | 7 | 1.58 | 10.2 |
| M763114 | | 2.81 | <0.005 | 0.08 | 6.06 | 8.2 | 1170 | 1.86 | 0.20 | 0.25 | 0.03 | 141.0 | 5.0 | 9 | 0.93 | 9.5 |
| M763115 | | 1.27 | 0.012 | 0.07 | 6.26 | 30.6 | 970 | 2.44 | 0.14 | 0.55 | 0.05 | 134.0 | 4.0 | 6 | 1.08 | 5.7 |
| M763116 | | 1.49 | <0.005 | 0.06 | 5.98 | 12.1 | 1190 | 1.92 | 0.09 | 0.25 | 0.02 | 131.5 | 3.9 | 4 | 0.98 | 5.0 |
| M763117 | | 1.60 | <0.005 | 0.02 | 6.12 | 9.4 | 1360 | 1.90 | 0.09 | 0.27 | 0.02 | 128.0 | 4.0 | 7 | 0.63 | 3.0 |
| M763118 | | 1.61 | <0.005 | 0.03 | 6.15 | 15.5 | 1340 | 1.76 | 0.09 | 0.26 | 0.03 | 124.5 | 3.9 | 8 | 0.72 | 3.4 |
| M763119 | | 1.95 | <0.005 | 0.05 | 6.18 | 12.4 | 1290 | 1.80 | 0.07 | 0.29 | <0.02 | 112.5 | 3.8 | 8 | 0.77 | 2.7 |
| M763120 | | 1.65 | 0.277 | 0.03 | 6.25 | 6.3 | 1230 | 1.80 | 0.10 | 1.02 | <0.02 | 135.5 | 4.1 | 9 | 0.80 | 3.0 |
| M763121 | | 1.44 | <0.005 | 0.10 | 6.27 | 9.1 | 790 | 2.17 | 0.08 | 0.57 | 0.02 | 156.5 | 3.7 | 7 | 0.79 | 3.4 |
| M763122 | | 1.51 | <0.005 | 0.05 | 6.37 | 12.6 | 1190 | 2.36 | 0.12 | 0.51 | 0.07 | 129.5 | 7.6 | 7 | 1.17 | 52.9 |

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**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763083 | | 2.72 | 18.80 | 0.17 | 8.3 | 0.097 | 2.81 | 66.7 | 7.7 | 0.04 | 1440 | 2.47 | 2.14 | 17.7 | 0.8 | 100 |
| M763084 | | 2.79 | 18.90 | 0.15 | 8.2 | 0.095 | 2.71 | 65.1 | 8.9 | 0.03 | 776 | 3.98 | 1.95 | 18.2 | 0.8 | 90 |
| M763085 | | 2.55 | 16.90 | 0.18 | 8.4 | 0.080 | 3.21 | 71.0 | 7.5 | 0.02 | 780 | 2.13 | 1.96 | 16.9 | 0.5 | 80 |
| M763086 | | 2.67 | 19.25 | 0.16 | 8.7 | 0.111 | 2.24 | 59.5 | 7.4 | 0.02 | 1030 | 3.06 | 2.34 | 18.6 | 0.6 | 90 |
| M763087 | | 2.38 | 18.80 | 0.14 | 8.7 | 0.110 | 2.35 | 58.4 | 6.1 | 0.02 | 895 | 2.40 | 2.52 | 17.4 | 0.5 | 90 |
| M763088 | | 2.50 | 18.75 | 0.16 | 8.5 | 0.106 | 1.81 | 52.9 | 7.1 | 0.02 | 704 | 3.03 | 2.74 | 16.4 | 0.6 | 80 |
| M763089 | | 2.19 | 19.00 | 0.17 | 8.0 | 0.095 | 2.95 | 65.9 | 6.0 | 0.01 | 366 | 6.93 | 2.33 | 17.5 | 0.6 | 80 |
| M763090 | | 2.67 | 19.60 | 0.17 | 8.5 | 0.099 | 2.86 | 68.3 | 6.5 | 0.02 | 684 | 2.72 | 2.72 | 17.8 | 0.7 | 90 |
| M763091 | | 2.58 | 19.30 | 0.17 | 8.5 | 0.099 | 2.49 | 58.9 | 6.7 | 0.02 | 380 | 1.63 | 2.86 | 17.2 | 0.6 | 100 |
| M763092 | | 2.38 | 19.30 | 0.18 | 8.8 | 0.109 | 2.77 | 66.9 | 6.2 | 0.02 | 198 | 1.61 | 2.95 | 18.3 | 0.5 | 130 |
| M763093 | | 2.08 | 19.25 | 0.22 | 8.4 | 0.097 | 3.21 | 68.4 | 5.7 | 0.02 | 124 | 0.71 | 2.76 | 17.5 | 0.6 | 140 |
| M763094 | | 2.40 | 19.00 | 0.16 | 8.8 | 0.094 | 3.16 | 68.1 | 6.1 | 0.01 | 567 | 1.86 | 2.94 | 18.2 | 0.6 | 100 |
| M763095 | | 2.45 | 19.50 | 0.19 | 8.9 | 0.111 | 3.30 | 68.6 | 5.9 | 0.02 | 433 | 2.55 | 2.90 | 17.8 | 0.6 | 100 |
| M763096 | | 2.60 | 18.75 | 0.17 | 8.8 | 0.177 | 3.14 | 65.2 | 5.5 | 0.02 | 617 | 1.07 | 2.76 | 17.9 | 0.6 | 60 |
| M763097 | | 2.51 | 17.50 | 0.19 | 7.7 | 0.120 | 3.27 | 61.2 | 5.9 | 0.01 | 598 | 4.84 | 2.55 | 16.1 | 0.7 | 60 |
| M763098 | | 2.76 | 18.45 | 0.16 | 8.5 | 0.111 | 2.83 | 60.2 | 6.7 | 0.02 | 286 | 1.11 | 2.58 | 17.2 | 0.9 | 130 |
| M763099 | | 1.37 | 3.57 | 0.07 | 0.5 | 0.010 | 0.16 | 9.8 | 18.0 | 0.02 | 105 | 0.71 | 0.03 | 3.2 | 5.2 | 50 |
| M763100 | | 3.10 | 20.2 | 0.19 | 8.3 | 0.130 | 3.26 | 67.5 | 7.6 | 0.03 | 447 | 13.70 | 2.29 | 17.4 | 0.8 | 100 |
| M763101 | | 3.66 | 19.60 | 0.16 | 7.9 | 0.098 | 3.38 | 63.7 | 10.0 | 0.03 | 577 | 48.3 | 2.27 | 17.3 | 0.7 | 90 |
| M763102 | | 2.71 | 17.75 | 0.18 | 8.1 | 0.111 | 2.86 | 69.4 | 7.2 | 0.02 | 476 | 3.06 | 2.41 | 17.2 | 0.7 | 80 |
| M763103 | | 2.91 | 19.30 | 0.19 | 8.3 | 0.108 | 3.07 | 66.9 | 8.4 | 0.03 | 620 | 2.62 | 2.42 | 17.4 | 0.6 | 70 |
| M763104 | | 2.33 | 18.35 | 0.16 | 8.0 | 0.110 | 2.91 | 65.5 | 5.8 | 0.02 | 341 | 1.29 | 2.56 | 17.4 | 0.6 | 80 |
| M763105 | | 2.24 | 19.65 | 0.17 | 8.1 | 0.145 | 2.94 | 66.7 | 7.1 | 0.03 | 254 | 0.66 | 2.60 | 18.0 | 0.6 | 100 |
| M763106 | | 2.30 | 20.0 | 0.20 | 8.2 | 0.103 | 2.99 | 72.2 | 6.9 | 0.03 | 493 | 2.20 | 2.71 | 18.5 | 0.7 | 70 |
| M763107 | | 2.20 | 18.75 | 0.18 | 8.0 | 0.104 | 3.18 | 66.3 | 4.4 | 0.02 | 348 | 3.62 | 2.47 | 17.5 | 0.9 | 70 |
| M763108 | | 2.19 | 18.25 | 0.24 | 9.3 | 0.082 | 3.09 | 59.3 | 4.4 | 0.03 | 320 | 1.15 | 2.42 | 17.0 | 1.5 | 70 |
| M763109 | | 1.97 | 16.95 | 0.22 | 9.0 | 0.087 | 2.68 | 50.5 | 5.2 | 0.03 | 214 | 0.61 | 2.41 | 16.5 | 1.3 | 110 |
| M763110 | | 2.33 | 18.25 | 0.24 | 10.0 | 0.102 | 2.58 | 59.8 | 5.7 | 0.03 | 250 | 1.03 | 2.52 | 17.4 | 1.0 | 110 |
| M763111 | | 2.19 | 18.90 | 0.25 | 9.7 | 0.087 | 3.13 | 58.7 | 4.8 | 0.03 | 298 | 1.08 | 2.51 | 17.7 | 1.0 | 90 |
| M763112 | | 2.31 | 18.50 | 0.25 | 9.7 | 0.098 | 2.89 | 58.5 | 6.5 | 0.03 | 350 | 0.92 | 2.47 | 17.5 | 0.8 | 90 |
| M763113 | | 2.40 | 19.20 | 0.25 | 9.8 | 0.111 | 2.60 | 61.4 | 6.5 | 0.04 | 259 | 3.36 | 2.55 | 17.7 | 0.7 | 100 |
| M763114 | | 2.70 | 18.65 | 0.24 | 9.1 | 0.116 | 2.43 | 64.9 | 6.8 | 0.03 | 663 | 2.04 | 2.24 | 17.6 | 0.8 | 80 |
| M763115 | | 2.31 | 19.30 | 0.25 | 9.7 | 0.118 | 2.66 | 58.5 | 6.8 | 0.03 | 445 | 1.46 | 2.13 | 18.0 | 0.8 | 70 |
| M763116 | | 2.13 | 18.30 | 0.26 | 9.6 | 0.104 | 2.91 | 57.5 | 7.5 | 0.03 | 347 | 1.23 | 1.91 | 17.7 | 0.7 | 60 |
| M763117 | | 2.17 | 18.70 | 0.25 | 9.1 | 0.103 | 3.00 | 60.5 | 5.7 | 0.01 | 206 | 1.13 | 2.27 | 17.3 | 0.9 | 60 |
| M763118 | | 2.37 | 18.10 | 0.25 | 9.2 | 0.116 | 3.03 | 56.9 | 6.5 | 0.02 | 274 | 0.81 | 2.31 | 16.7 | 0.8 | 70 |
| M763119 | | 2.32 | 17.50 | 0.23 | 9.3 | 0.099 | 2.96 | 51.7 | 6.4 | 0.02 | 230 | 0.56 | 2.42 | 16.7 | 0.7 | 50 |
| M763120 | | 2.31 | 18.75 | 0.24 | 9.8 | 0.103 | 3.13 | 59.7 | 4.7 | 0.02 | 420 | 1.04 | 2.47 | 17.7 | 0.9 | 40 |
| M763121 | | 2.24 | 19.95 | 0.23 | 9.4 | 0.091 | 1.84 | 69.3 | 5.6 | 0.03 | 297 | 0.65 | 3.07 | 19.3 | 0.8 | 60 |
| M763122 | | 2.83 | 19.60 | 0.23 | 10.1 | 0.109 | 2.47 | 54.8 | 9.6 | 0.03 | 483 | 1.81 | 2.42 | 18.2 | 0.8 | 100 |

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# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763083 | | 8.2 | 76.4 | 0.002 | 0.07 | 1.46 | 5.4 | 2 | 3.4 | 108.5 | 1.21 | <0.05 | 13.9 | 0.111 | 0.45 | 3.6 |
| M763084 | | 7.8 | 81.4 | 0.003 | 0.09 | 1.48 | 5.7 | 1 | 3.6 | 98.9 | 1.25 | <0.05 | 13.6 | 0.114 | 0.44 | 3.6 |
| M763085 | | 8.1 | 78.0 | 0.002 | 0.10 | 1.39 | 4.7 | 2 | 2.5 | 86.3 | 1.28 | <0.05 | 14.3 | 0.107 | 0.42 | 3.6 |
| M763086 | | 6.9 | 67.6 | <0.002 | 0.14 | 1.61 | 5.4 | 2 | 3.6 | 90.7 | 1.25 | <0.05 | 13.7 | 0.111 | 0.33 | 3.6 |
| M763087 | | 6.9 | 62.3 | <0.002 | 0.04 | 1.26 | 5.2 | 1 | 3.2 | 98.1 | 1.25 | <0.05 | 13.9 | 0.108 | 0.32 | 3.4 |
| M763088 | | 5.7 | 54.2 | 0.002 | 0.06 | 1.19 | 5.5 | 2 | 3.2 | 94.6 | 1.22 | <0.05 | 13.8 | 0.109 | 0.30 | 3.4 |
| M763089 | | 6.0 | 76.5 | <0.002 | 0.01 | 1.14 | 5.0 | 1 | 2.3 | 83.1 | 1.20 | <0.05 | 13.2 | 0.105 | 0.41 | 3.1 |
| M763090 | | 6.0 | 74.2 | 0.002 | 0.01 | 1.22 | 5.3 | 2 | 2.7 | 85.5 | 1.24 | <0.05 | 14.3 | 0.116 | 0.36 | 3.1 |
| M763091 | | 5.3 | 65.4 | 0.002 | 0.02 | 1.08 | 5.5 | 1 | 3.1 | 84.6 | 1.24 | <0.05 | 14.2 | 0.119 | 0.34 | 3.0 |
| M763092 | | 5.4 | 68.7 | 0.003 | 0.03 | 1.20 | 5.5 | 1 | 3.0 | 86.2 | 1.29 | <0.05 | 14.7 | 0.125 | 0.35 | 3.6 |
| M763093 | | 6.1 | 70.3 | 0.002 | <0.01 | 1.11 | 5.5 | 1 | 3.2 | 77.2 | 1.22 | <0.05 | 14.5 | 0.121 | 0.32 | 3.3 |
| M763094 | | 6.3 | 70.2 | 0.002 | 0.02 | 1.16 | 5.3 | 2 | 2.6 | 78.9 | 1.26 | <0.05 | 14.2 | 0.121 | 0.31 | 3.1 |
| M763095 | | 6.1 | 71.5 | 0.002 | 0.02 | 1.00 | 5.6 | 1 | 3.3 | 78.1 | 1.25 | <0.05 | 14.6 | 0.121 | 0.33 | 3.4 |
| M763096 | | 6.7 | 72.5 | <0.002 | 0.27 | 1.13 | 5.3 | 1 | 4.3 | 73.7 | 1.27 | <0.05 | 13.8 | 0.112 | 0.30 | 3.8 |
| M763097 | | 7.7 | 67.8 | 0.002 | 0.14 | 1.09 | 5.0 | 1 | 3.3 | 72.3 | 1.15 | <0.05 | 12.9 | 0.114 | 0.32 | 3.2 |
| M763098 | | 6.1 | 69.2 | <0.002 | 0.01 | 1.08 | 4.7 | 2 | 2.7 | 79.6 | 1.20 | <0.05 | 14.0 | 0.117 | 0.33 | 3.3 |
| M763099 | | 27.8 | 11.9 | <0.002 | 1.09 | 0.56 | 1.2 | <1 | 1.4 | 13.2 | 0.27 | <0.05 | 2.9 | 0.080 | 0.42 | 0.4 |
| M763100 | | 6.7 | 81.1 | 0.002 | 0.07 | 0.86 | 5.3 | 1 | 3.1 | 79.6 | 1.19 | <0.05 | 14.4 | 0.116 | 0.40 | 3.5 |
| M763101 | | 6.9 | 90.2 | 0.002 | 0.07 | 1.07 | 5.2 | 2 | 2.6 | 68.0 | 1.22 | <0.05 | 14.5 | 0.115 | 0.46 | 3.2 |
| M763102 | | 5.5 | 68.2 | <0.002 | 0.01 | 0.92 | 5.3 | 2 | 2.4 | 65.8 | 1.22 | <0.05 | 14.1 | 0.112 | 0.33 | 3.3 |
| M763103 | | 5.5 | 72.6 | <0.002 | 0.02 | 0.96 | 5.4 | 1 | 2.5 | 75.0 | 1.24 | <0.05 | 14.1 | 0.113 | 0.35 | 3.2 |
| M763104 | | 5.0 | 62.8 | <0.002 | 0.03 | 0.87 | 5.1 | 1 | 2.5 | 73.0 | 1.24 | <0.05 | 13.9 | 0.113 | 0.28 | 3.1 |
| M763105 | | 5.1 | 67.3 | 0.002 | 0.05 | 0.90 | 5.3 | 2 | 3.8 | 72.2 | 1.21 | <0.05 | 14.0 | 0.117 | 0.31 | 3.4 |
| M763106 | | 5.8 | 64.4 | <0.002 | 0.11 | 1.01 | 5.4 | 2 | 3.3 | 74.8 | 1.24 | <0.05 | 14.6 | 0.115 | 0.28 | 3.5 |
| M763107 | | 6.6 | 65.8 | 0.002 | 0.05 | 0.78 | 5.3 | 2 | 3.1 | 75.9 | 1.18 | <0.05 | 14.3 | 0.114 | 0.29 | 3.2 |
| M763108 | | 8.0 | 83.9 | <0.002 | <0.01 | 0.84 | 4.7 | 2 | 2.8 | 79.0 | 1.24 | <0.05 | 16.5 | 0.104 | 0.33 | 3.3 |
| M763109 | | 5.2 | 70.7 | <0.002 | 0.02 | 0.82 | 4.7 | 1 | 2.9 | 65.0 | 1.21 | <0.05 | 16.3 | 0.103 | 0.28 | 3.6 |
| M763110 | | 6.2 | 66.7 | <0.002 | 0.03 | 0.98 | 5.2 | 1 | 2.8 | 74.7 | 1.33 | <0.05 | 17.2 | 0.112 | 0.28 | 3.6 |
| M763111 | | 7.2 | 73.3 | 0.002 | 0.01 | 1.09 | 5.2 | 2 | 2.4 | 80.4 | 1.30 | <0.05 | 17.1 | 0.106 | 0.29 | 3.8 |
| M763112 | | 6.4 | 73.5 | 0.002 | 0.03 | 1.06 | 5.4 | 1 | 3.0 | 81.2 | 1.30 | <0.05 | 17.5 | 0.110 | 0.30 | 3.4 |
| M763113 | | 5.6 | 73.3 | <0.002 | 0.10 | 1.23 | 5.3 | 2 | 2.8 | 84.5 | 1.33 | <0.05 | 17.8 | 0.114 | 0.31 | 3.7 |
| M763114 | | 6.2 | 71.7 | 0.002 | 0.10 | 1.06 | 5.3 | 1 | 2.9 | 92.1 | 1.28 | <0.05 | 17.1 | 0.110 | 0.33 | 3.4 |
| M763115 | | 6.5 | 93.0 | <0.002 | 0.07 | 1.09 | 5.3 | 2 | 3.2 | 66.4 | 1.31 | <0.05 | 16.9 | 0.111 | 0.32 | 3.8 |
| M763116 | | 6.0 | 89.5 | <0.002 | 0.05 | 1.15 | 5.3 | 2 | 3.0 | 80.5 | 1.27 | <0.05 | 16.5 | 0.106 | 0.35 | 3.8 |
| M763117 | | 6.6 | 79.4 | <0.002 | 0.03 | 0.95 | 5.2 | 1 | 2.8 | 87.6 | 1.27 | <0.05 | 16.3 | 0.111 | 0.34 | 3.3 |
| M763118 | | 6.0 | 81.3 | <0.002 | 0.01 | 1.09 | 5.1 | 1 | 2.8 | 88.0 | 1.32 | <0.05 | 16.1 | 0.110 | 0.36 | 3.0 |
| M763119 | | 5.3 | 76.6 | <0.002 | <0.01 | 1.12 | 5.0 | 1 | 3.2 | 82.3 | 1.28 | <0.05 | 16.8 | 0.110 | 0.35 | 2.8 |
| M763120 | | 6.2 | 91.3 | <0.002 | 0.01 | 1.03 | 5.4 | 1 | 3.1 | 95.6 | 1.27 | <0.05 | 16.7 | 0.111 | 0.38 | 3.5 |
| M763121 | | 4.5 | 64.3 | <0.002 | <0.01 | 1.17 | 5.0 | 2 | 2.9 | 95.6 | 1.43 | <0.05 | 17.5 | 0.108 | 0.25 | 3.0 |
| M763122 | | 4.8 | 82.2 | <0.002 | 0.25 | 1.71 | 5.5 | 2 | 3.2 | 96.5 | 1.33 | <0.05 | 17.7 | 0.110 | 0.34 | 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|
| M763083 | | 1 | 1.9 | 34.2 | 50 | 306 |
| M763084 | | 1 | 1.3 | 32.9 | 41 | 295 |
| M763085 | | <1 | 1.3 | 30.7 | 38 | 309 |
| M763086 | | <1 | 1.2 | 36.8 | 39 | 314 |
| M763087 | | <1 | 1.0 | 32.5 | 34 | 318 |
| M763088 | | 1 | 1.2 | 32.3 | 31 | 310 |
| M763089 | | <1 | 0.6 | 33.2 | 26 | 302 |
| M763090 | | <1 | 1.2 | 32.7 | 39 | 326 |
| M763091 | | <1 | 1.0 | 28.5 | 31 | 334 |
| M763092 | | <1 | 0.9 | 32.5 | 25 | 361 |
| M763093 | | 1 | 0.8 | 33.7 | 27 | 340 |
| M763094 | | <1 | 0.7 | 36.6 | 33 | 348 |
| M763095 | | <1 | 0.7 | 38.5 | 39 | 366 |
| M763096 | | <1 | 0.7 | 37.8 | 149 | 342 |
| M763097 | | <1 | 0.7 | 33.0 | 49 | 310 |
| M763098 | | <1 | 0.8 | 31.4 | 40 | 339 |
| M763099 | | 8 | 0.9 | 2.2 | 15 | 16.0 |
| M763100 | | <1 | 1.4 | 31.4 | 49 | 342 |
| M763101 | | 1 | 1.1 | 33.7 | 43 | 300 |
| M763102 | | 1 | 1.2 | 33.8 | 31 | 316 |
| M763103 | | <1 | 1.2 | 36.5 | 32 | 309 |
| M763104 | | <1 | 0.8 | 34.6 | 22 | 310 |
| M763105 | | <1 | 0.9 | 36.3 | 17 | 306 |
| M763106 | | <1 | 0.8 | 38.1 | 14 | 326 |
| M763107 | | <1 | 0.7 | 34.6 | 16 | 312 |
| M763108 | | 2 | 0.9 | 42.6 | 20 | 335 |
| M763109 | | 2 | 1.0 | 34.2 | 27 | 309 |
| M763110 | | 2 | 0.9 | 38.9 | 23 | 347 |
| M763111 | | 2 | 2.5 | 39.3 | 35 | 341 |
| M763112 | | 2 | 2.4 | 41.0 | 21 | 339 |
| M763113 | | 2 | 1.3 | 38.6 | 18 | 356 |
| M763114 | | 2 | 1.0 | 35.8 | 22 | 323 |
| M763115 | | 3 | 1.6 | 37.0 | 29 | 340 |
| M763116 | | 2 | 1.1 | 37.7 | 20 | 329 |
| M763117 | | 2 | 0.7 | 33.2 | 19 | 323 |
| M763118 | | 2 | 0.9 | 32.2 | 20 | 320 |
| M763119 | | 2 | 1.1 | 34.8 | 20 | 324 |
| M763120 | | 2 | 0.7 | 35.0 | 21 | 338 |
| M763121 | | 2 | 1.1 | 34.3 | 24 | 329 |
| M763122 | | 2 | 1.0 | 37.2 | 35 | 351 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763123 | | 1.11 | 0.031 | 0.21 | 6.28 | 66.2 | 910 | 2.27 | 0.21 | 0.57 | 0.38 | 139.0 | 5.2 | 6 | 1.20 | 32.6 |
| M763124 | | 1.50 | 0.027 | 0.09 | 6.13 | 101.0 | 960 | 1.99 | 0.14 | 0.46 | 0.55 | 111.5 | 4.0 | 6 | 0.87 | 20.2 |
| M763125 | | 0.03 | 8.39 | 0.44 | 8.00 | 3.6 | 180 | 2.05 | 0.09 | 1.07 | 0.49 | 18.75 | 10.2 | 37 | 1.45 | 15.4 |
| M763126 | | 1.91 | <0.005 | 0.10 | 5.98 | 11.1 | 1120 | 1.65 | 0.07 | 0.18 | 0.24 | 93.8 | 2.8 | 7 | 0.66 | 8.2 |
| M763127 | | 1.60 | 0.007 | 0.05 | 6.16 | 8.9 | 1060 | 1.65 | 0.40 | 0.56 | 0.08 | 124.0 | 3.1 | 7 | 0.74 | 11.2 |
| M763128 | | 1.46 | <0.005 | 0.03 | 6.32 | 8.7 | 1100 | 1.47 | 0.06 | 0.96 | 0.02 | 127.0 | 2.9 | 9 | 1.06 | 5.8 |
| M763129 | | 1.56 | <0.005 | 0.02 | 6.22 | 6.5 | 1090 | 1.59 | 0.07 | 1.03 | <0.02 | 102.5 | 2.8 | 7 | 0.76 | 7.4 |
| M763130 | | 1.93 | <0.005 | 0.04 | 6.25 | 7.7 | 1080 | 1.92 | 0.11 | 0.97 | 0.03 | 179.0 | 4.0 | 8 | 0.71 | 21.0 |
| M763131 | | 1.72 | <0.005 | 0.02 | 6.23 | 9.2 | 1160 | 1.40 | 0.06 | 0.97 | <0.02 | 125.0 | 3.2 | 8 | 0.47 | 11.2 |
| M763132 | | 1.92 | <0.005 | 0.03 | 6.04 | 6.4 | 1010 | 1.59 | 0.04 | 1.05 | 0.03 | 106.0 | 3.1 | 8 | 0.61 | 6.9 |
| M763133 | | 1.70 | <0.005 | 0.02 | 6.00 | 7.1 | 1010 | 1.20 | 0.05 | 0.94 | <0.02 | 173.5 | 2.5 | 9 | 0.43 | 6.2 |
| M763134 | | 1.76 | <0.005 | 0.01 | 6.36 | 9.2 | 990 | 1.64 | 0.04 | 1.07 | 0.02 | 125.5 | 3.3 | 10 | 0.59 | 8.6 |
| M763135 | | 1.78 | <0.005 | 0.01 | 6.15 | 7.5 | 1040 | 1.91 | 0.05 | 0.99 | 0.02 | 122.5 | 2.6 | 9 | 0.59 | 5.5 |
| M763136 | | 1.69 | <0.005 | 0.03 | 6.18 | 16.2 | 950 | 1.91 | 0.12 | 1.14 | 0.02 | 155.0 | 3.2 | 8 | 0.74 | 23.9 |
| M763137 | | 1.75 | <0.005 | 0.05 | 5.90 | 6.3 | 430 | 2.33 | 0.08 | 1.24 | 0.02 | 217 | 2.5 | 8 | 0.59 | 40.4 |
| M763138 | | 1.78 | <0.005 | 0.04 | 6.24 | 9.0 | 430 | 2.13 | 0.09 | 1.37 | 0.02 | 219 | 6.8 | 8 | 0.79 | 30.4 |
| M763139 | | 1.69 | <0.005 | 0.10 | 6.08 | 7.3 | 900 | 1.68 | 0.07 | 1.11 | 0.03 | 151.0 | 2.7 | 8 | 0.48 | 5.7 |
| M763140 | | 1.72 | <0.005 | 0.03 | 6.03 | 4.0 | 710 | 1.95 | 0.08 | 1.25 | 0.02 | 148.0 | 2.6 | 8 | 0.47 | 5.5 |
| M763141 | | 1.86 | <0.005 | 0.06 | 6.12 | 5.5 | 470 | 2.29 | 0.08 | 1.46 | 0.04 | 125.5 | 2.9 | 13 | 0.46 | 7.8 |
| M763142 | | 1.86 | <0.005 | 0.03 | 5.54 | 5.7 | 330 | 2.04 | 0.10 | 1.54 | 0.03 | 106.0 | 2.7 | 8 | 0.38 | 20.3 |
| M763143 | | 1.59 | <0.005 | 0.06 | 6.28 | 6.2 | 350 | 2.00 | 0.15 | 1.11 | 0.10 | 43.5 | 1.9 | 9 | 0.59 | 22.8 |
| M763144 | | 1.87 | <0.005 | 0.08 | 6.22 | 6.3 | 370 | 1.72 | 0.07 | 1.13 | 0.06 | 41.7 | 1.6 | 9 | 0.37 | 37.8 |
| M763145 | | 1.71 | <0.005 | 0.04 | 6.00 | 4.6 | 380 | 1.81 | 0.05 | 1.18 | 0.04 | 28.6 | 1.1 | 10 | 0.26 | 8.3 |
| M763146 | | 1.75 | <0.005 | 0.05 | 6.02 | 3.4 | 730 | 1.59 | 0.06 | 1.11 | 0.03 | 62.7 | 2.0 | 10 | 0.41 | 13.4 |
| M763147 | | 1.80 | <0.005 | 0.06 | 5.92 | 3.9 | 910 | 1.78 | 0.16 | 1.12 | 0.03 | 103.0 | 2.4 | 9 | 0.50 | 19.2 |
| M763148 | | 1.79 | <0.005 | 0.05 | 5.99 | 4.0 | 840 | 1.66 | 0.13 | 1.04 | 0.03 | 76.8 | 2.1 | 12 | 0.53 | 7.7 |
| M763149 | | 1.67 | <0.005 | 0.05 | 6.00 | 5.3 | 870 | 1.64 | 0.07 | 1.02 | 0.03 | 78.6 | 2.2 | 12 | 0.83 | 14.4 |
| M763150 | | 0.07 | <0.005 | 0.05 | 6.65 | 2.7 | 930 | 0.94 | 0.11 | 1.41 | 0.07 | 29.7 | 2.2 | 13 | 1.69 | 4.2 |
| M763151 | | 1.93 | <0.005 | 0.06 | 6.20 | 8.9 | 870 | 1.88 | 0.14 | 1.06 | 0.03 | 104.0 | 4.2 | 10 | 0.73 | 46.3 |
| M763152 | | 1.65 | <0.005 | 0.15 | 5.83 | 10.6 | 700 | 1.99 | 0.21 | 1.16 | 0.08 | 82.6 | 11.2 | 11 | 0.81 | 115.5 |
| M763153 | | 1.54 | <0.005 | 0.08 | 6.47 | 7.4 | 790 | 1.76 | 0.10 | 1.03 | 0.05 | 68.9 | 2.3 | 10 | 1.19 | 21.0 |
| M763154 | | 1.51 | <0.005 | 0.19 | 6.80 | 5.2 | 1410 | 1.88 | 0.27 | 1.20 | 0.07 | 99.1 | 3.2 | 8 | 2.35 | 33.5 |
| M763155 | | 1.67 | <0.005 | 0.03 | 6.66 | 5.4 | 1990 | 2.04 | 0.36 | 1.34 | 0.02 | 92.8 | 3.7 | 5 | 2.11 | 6.1 |
| M763156 | | 1.71 | <0.005 | 0.02 | 6.42 | 3.7 | 1360 | 2.03 | 0.15 | 1.14 | 0.02 | 105.0 | 2.5 | 5 | 1.28 | 3.2 |
| M763157 | | 1.41 | <0.005 | 0.06 | 6.65 | 3.4 | 1640 | 1.73 | 0.19 | 1.21 | 0.03 | 103.5 | 3.1 | 5 | 1.79 | 5.6 |
| M763158 | | 1.56 | <0.005 | 0.04 | 6.48 | 3.1 | 1690 | 2.25 | 0.15 | 1.53 | 0.02 | 100.5 | 3.2 | 5 | 1.11 | 5.3 |
| M763159 | | 1.70 | <0.005 | 0.02 | 6.35 | 8.3 | 590 | 2.21 | 0.04 | 1.00 | <0.02 | 40.9 | 0.8 | 9 | 0.31 | 1.3 |
| M763160 | | 2.01 | <0.005 | 0.04 | 5.65 | 8.2 | 330 | 1.97 | 0.05 | 1.00 | <0.02 | 26.9 | 0.6 | 10 | 0.24 | 2.8 |
| M763161 | | 1.69 | <0.005 | 0.01 | 5.90 | 4.8 | 1160 | 2.02 | 0.09 | 1.16 | <0.02 | 82.3 | 2.4 | 8 | 0.66 | 3.3 |
| M763162 | | 1.67 | <0.005 | 0.04 | 6.40 | 4.4 | 1080 | 1.98 | 0.15 | 1.11 | <0.02 | 69.0 | 2.2 | 7 | 0.51 | 21.0 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763123 | | 2.49 | 19.20 | 0.25 | 10.1 | 0.163 | 2.85 | 64.2 | 8.1 | 0.05 | 310 | 2.66 | 1.59 | 17.2 | 0.9 | 110 |
| M763124 | | 2.15 | 18.25 | 0.23 | 9.8 | 0.117 | 2.92 | 51.7 | 7.6 | 0.04 | 286 | 2.20 | 1.56 | 17.7 | 1.0 | 60 |
| M763125 | | 4.44 | 19.70 | 0.15 | 1.4 | 0.011 | 2.25 | 8.6 | 2.3 | 0.98 | 257 | 2.08 | 4.97 | 9.3 | 39.8 | 650 |
| M763126 | | 2.03 | 17.85 | 0.21 | 9.5 | 0.089 | 2.67 | 43.2 | 6.7 | 0.03 | 170 | 1.33 | 2.38 | 17.4 | 0.7 | 60 |
| M763127 | | 2.23 | 18.90 | 0.23 | 9.4 | 0.109 | 2.51 | 60.3 | 7.5 | 0.03 | 268 | 3.05 | 2.50 | 17.4 | 0.7 | 40 |
| M763128 | | 2.38 | 18.95 | 0.25 | 9.5 | 0.113 | 2.78 | 56.6 | 6.0 | 0.02 | 356 | 1.52 | 2.61 | 17.0 | 0.7 | 40 |
| M763129 | | 2.32 | 18.45 | 0.22 | 9.2 | 0.105 | 2.61 | 47.0 | 6.5 | 0.03 | 339 | 1.15 | 2.65 | 17.1 | 0.8 | 30 |
| M763130 | | 2.45 | 19.10 | 0.29 | 10.0 | 0.112 | 2.52 | 78.7 | 6.4 | 0.02 | 407 | 0.98 | 2.58 | 18.2 | 0.8 | 50 |
| M763131 | | 2.14 | 17.70 | 0.25 | 9.8 | 0.065 | 2.77 | 52.7 | 4.8 | 0.02 | 372 | 1.98 | 2.64 | 17.2 | 0.7 | 40 |
| M763132 | | 2.20 | 18.45 | 0.23 | 9.4 | 0.061 | 2.65 | 47.3 | 5.6 | 0.03 | 367 | 5.23 | 2.56 | 17.1 | 1.1 | 40 |
| M763133 | | 2.00 | 17.55 | 0.27 | 8.9 | 0.048 | 2.81 | 75.4 | 5.0 | 0.02 | 292 | 9.66 | 2.60 | 16.5 | 0.9 | 30 |
| M763134 | | 2.06 | 18.65 | 0.26 | 9.4 | 0.056 | 2.66 | 55.3 | 5.5 | 0.02 | 387 | 0.93 | 2.89 | 17.1 | 1.1 | 40 |
| M763135 | | 2.02 | 18.30 | 0.22 | 9.4 | 0.060 | 2.64 | 56.1 | 5.1 | 0.02 | 341 | 0.94 | 2.68 | 18.0 | 1.2 | 30 |
| M763136 | | 2.29 | 19.25 | 0.27 | 8.8 | 0.079 | 2.49 | 69.3 | 5.2 | 0.03 | 410 | 0.71 | 2.79 | 17.2 | 1.5 | 50 |
| M763137 | | 1.94 | 18.15 | 0.28 | 8.9 | 0.077 | 1.11 | 103.0 | 4.5 | 0.02 | 459 | 0.91 | 3.50 | 17.6 | 1.6 | 60 |
| M763138 | | 2.83 | 19.65 | 0.28 | 8.4 | 0.072 | 1.11 | 102.5 | 6.1 | 0.03 | 558 | 0.64 | 3.57 | 17.4 | 3.3 | 60 |
| M763139 | | 2.03 | 19.00 | 0.28 | 9.5 | 0.066 | 2.21 | 70.1 | 4.0 | 0.02 | 404 | 0.55 | 2.90 | 18.1 | 2.3 | 40 |
| M763140 | | 2.14 | 18.30 | 0.22 | 9.3 | 0.064 | 1.55 | 66.9 | 4.1 | 0.02 | 430 | 0.55 | 3.16 | 17.8 | 2.0 | 40 |
| M763141 | | 2.21 | 18.85 | 0.21 | 9.8 | 0.065 | 1.09 | 58.4 | 4.2 | 0.03 | 472 | 0.47 | 3.51 | 19.1 | 2.4 | 70 |
| M763142 | | 1.97 | 16.95 | 0.22 | 8.4 | 0.059 | 0.97 | 47.8 | 4.4 | 0.03 | 449 | 0.40 | 3.08 | 17.7 | 2.2 | 40 |
| M763143 | | 1.34 | 18.50 | 0.19 | 9.8 | 0.030 | 1.13 | 16.4 | 3.3 | 0.02 | 308 | 0.51 | 3.30 | 18.8 | 1.9 | 10 |
| M763144 | | 1.29 | 18.30 | 0.15 | 10.1 | 0.012 | 1.09 | 16.9 | 2.3 | 0.01 | 289 | 0.83 | 3.60 | 18.7 | 2.4 | 20 |
| M763145 | | 0.96 | 16.80 | 0.14 | 9.9 | 0.007 | 1.10 | 10.2 | 1.6 | 0.01 | 287 | 0.79 | 3.66 | 17.9 | 1.3 | 10 |
| M763146 | | 1.67 | 17.40 | 0.15 | 9.4 | 0.020 | 1.80 | 27.6 | 2.6 | 0.02 | 332 | 0.51 | 3.26 | 17.4 | 1.8 | 30 |
| M763147 | | 1.92 | 18.45 | 0.20 | 9.3 | 0.047 | 2.38 | 47.9 | 3.6 | 0.02 | 383 | 0.63 | 2.92 | 17.8 | 1.3 | 40 |
| M763148 | | 1.64 | 18.30 | 0.18 | 9.3 | 0.027 | 2.11 | 36.7 | 3.1 | 0.02 | 333 | 0.70 | 3.11 | 17.2 | 1.5 | 40 |
| M763149 | | 1.72 | 18.35 | 0.16 | 9.3 | 0.030 | 2.20 | 34.8 | 4.1 | 0.02 | 313 | 0.64 | 3.04 | 17.3 | 1.2 | 30 |
| M763150 | | 1.50 | 13.35 | 0.14 | 1.3 | <0.005 | 2.28 | 13.4 | 8.9 | 0.20 | 579 | 0.93 | 2.86 | 4.5 | 2.3 | 190 |
| M763151 | | 2.21 | 19.40 | 0.19 | 9.4 | 0.043 | 2.36 | 48.4 | 4.2 | 0.03 | 328 | 0.42 | 3.10 | 17.9 | 1.6 | 50 |
| M763152 | | 2.10 | 16.90 | 0.17 | 9.5 | 0.033 | 1.88 | 35.4 | 4.0 | 0.03 | 397 | 0.56 | 3.15 | 15.9 | 3.9 | 50 |
| M763153 | | 1.69 | 18.70 | 0.16 | 10.5 | 0.036 | 2.01 | 30.9 | 3.4 | 0.03 | 343 | 0.53 | 3.40 | 18.2 | 1.5 | 30 |
| M763154 | | 2.52 | 18.25 | 0.18 | 11.6 | 0.051 | 2.77 | 45.1 | 7.4 | 0.08 | 428 | 1.83 | 2.64 | 17.5 | 1.1 | 100 |
| M763155 | | 2.67 | 18.50 | 0.20 | 10.3 | 0.060 | 3.45 | 39.7 | 8.6 | 0.11 | 542 | 2.86 | 2.13 | 16.8 | 0.8 | 130 |
| M763156 | | 2.38 | 16.40 | 0.19 | 9.5 | 0.030 | 2.87 | 49.0 | 8.3 | 0.11 | 427 | 2.15 | 2.24 | 14.4 | 0.7 | 140 |
| M763157 | | 2.64 | 16.35 | 0.18 | 9.4 | 0.023 | 3.29 | 46.8 | 11.7 | 0.12 | 451 | 2.19 | 1.98 | 15.1 | 0.8 | 160 |
| M763158 | | 2.67 | 17.25 | 0.20 | 10.0 | 0.031 | 3.28 | 43.6 | 9.7 | 0.12 | 441 | 1.92 | 1.95 | 15.5 | 0.8 | 160 |
| M763159 | | 1.00 | 17.50 | 0.17 | 9.1 | 0.011 | 1.14 | 12.0 | 2.2 | 0.02 | 283 | 0.68 | 3.72 | 26.2 | 0.8 | 20 |
| M763160 | | 0.76 | 17.00 | 0.14 | 9.0 | 0.010 | 0.83 | 7.2 | 1.3 | 0.01 | 251 | 0.32 | 3.44 | 17.1 | 0.8 | 10 |
| M763161 | | 2.08 | 15.25 | 0.17 | 9.0 | 0.007 | 1.73 | 36.5 | 5.2 | 0.06 | 319 | 2.29 | 2.66 | 14.9 | 0.7 | 90 |
| M763162 | | 1.66 | 16.80 | 0.16 | 9.4 | 0.013 | 1.82 | 29.3 | 3.9 | 0.05 | 264 | 2.81 | 3.20 | 15.9 | 0.7 | 50 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763123 | | 33.3 | 87.9 | <0.002 | 0.29 | 2.13 | 5.0 | 2 | 3.3 | 65.8 | 1.28 | <0.05 | 18.0 | 0.108 | 0.44 | 4.1 |
| M763124 | | 24.4 | 99.9 | <0.002 | 0.20 | 1.60 | 4.9 | 1 | 2.6 | 78.6 | 1.36 | <0.05 | 17.3 | 0.112 | 0.37 | 3.6 |
| M763125 | | 79.8 | 231 | <0.002 | 3.20 | 1.08 | 3.5 | <1 | 1.0 | 173.5 | 0.77 | <0.05 | 2.8 | 0.258 | 1.90 | 0.9 |
| M763126 | | 4.2 | 74.9 | <0.002 | 0.01 | 1.13 | 5.1 | 1 | 2.1 | 83.5 | 1.32 | <0.05 | 17.0 | 0.106 | 0.29 | 2.9 |
| M763127 | | 4.2 | 76.7 | <0.002 | 0.06 | 1.14 | 5.1 | 1 | 2.2 | 82.2 | 1.31 | <0.05 | 16.3 | 0.106 | 0.28 | 3.3 |
| M763128 | | 4.4 | 81.8 | <0.002 | 0.05 | 0.96 | 5.5 | 1 | 2.4 | 88.1 | 1.29 | <0.05 | 16.8 | 0.105 | 0.30 | 3.1 |
| M763129 | | 4.3 | 77.5 | <0.002 | 0.06 | 0.91 | 4.9 | 1 | 2.6 | 96.3 | 1.33 | <0.05 | 14.9 | 0.105 | 0.26 | 3.4 |
| M763130 | | 5.5 | 82.0 | <0.002 | 0.13 | 1.28 | 5.1 | 1 | 2.5 | 92.3 | 1.33 | <0.05 | 17.5 | 0.101 | 0.27 | 3.3 |
| M763131 | | 4.3 | 75.3 | <0.002 | 0.06 | 0.89 | 4.4 | 1 | 2.0 | 100.5 | 1.38 | <0.05 | 16.6 | 0.099 | 0.26 | 3.5 |
| M763132 | | 4.4 | 79.5 | <0.002 | 0.02 | 0.82 | 5.1 | 1 | 2.3 | 88.0 | 1.31 | <0.05 | 15.8 | 0.101 | 0.28 | 3.4 |
| M763133 | | 3.8 | 83.2 | <0.002 | 0.02 | 0.97 | 4.5 | 1 | 1.6 | 87.8 | 1.21 | <0.05 | 16.4 | 0.091 | 0.30 | 3.0 |
| M763134 | | 4.6 | 79.6 | <0.002 | 0.03 | 0.96 | 4.8 | 1 | 2.3 | 97.7 | 1.36 | <0.05 | 16.3 | 0.102 | 0.28 | 3.4 |
| M763135 | | 4.4 | 79.4 | <0.002 | 0.02 | 0.91 | 4.6 | 1 | 2.2 | 100.0 | 1.45 | <0.05 | 16.8 | 0.101 | 0.28 | 3.6 |
| M763136 | | 4.3 | 71.9 | <0.002 | 0.04 | 1.03 | 5.1 | 1 | 2.1 | 99.5 | 1.23 | <0.05 | 15.7 | 0.100 | 0.25 | 3.1 |
| M763137 | | 3.4 | 40.4 | <0.002 | 0.02 | 1.07 | 4.7 | 1 | 2.4 | 104.0 | 1.22 | <0.05 | 14.5 | 0.098 | 0.12 | 2.5 |
| M763138 | | 3.7 | 46.3 | <0.002 | 0.15 | 1.20 | 12.4 | 1 | 2.6 | 107.5 | 1.31 | <0.05 | 15.2 | 0.103 | 0.18 | 2.5 |
| M763139 | | 6.5 | 59.5 | <0.002 | 0.01 | 1.26 | 4.6 | 1 | 2.0 | 119.5 | 1.43 | <0.05 | 17.9 | 0.094 | 0.20 | 3.3 |
| M763140 | | 4.9 | 48.8 | <0.002 | 0.01 | 1.04 | 5.1 | 1 | 2.2 | 126.0 | 1.31 | <0.05 | 15.6 | 0.103 | 0.18 | 2.9 |
| M763141 | | 4.6 | 36.2 | <0.002 | 0.02 | 1.06 | 5.2 | 1 | 2.4 | 121.0 | 1.44 | <0.05 | 15.4 | 0.108 | 0.14 | 3.0 |
| M763142 | | 3.7 | 33.4 | <0.002 | 0.06 | 0.95 | 5.1 | 1 | 2.5 | 98.1 | 1.29 | <0.05 | 11.3 | 0.098 | 0.14 | 2.2 |
| M763143 | | 5.6 | 42.1 | <0.002 | 0.05 | 0.93 | 2.1 | 1 | 2.0 | 126.5 | 1.35 | <0.05 | 15.0 | 0.113 | 0.16 | 2.8 |
| M763144 | | 5.1 | 31.3 | <0.002 | 0.01 | 1.04 | 2.1 | 1 | 1.6 | 162.5 | 1.33 | <0.05 | 13.1 | 0.120 | 0.16 | 2.7 |
| M763145 | | 4.8 | 27.9 | <0.002 | 0.01 | 0.87 | 2.1 | 1 | 1.5 | 120.5 | 1.39 | <0.05 | 12.2 | 0.115 | 0.11 | 2.8 |
| M763146 | | 6.1 | 40.0 | <0.002 | 0.01 | 1.03 | 4.6 | 1 | 1.4 | 142.5 | 1.31 | <0.05 | 13.8 | 0.114 | 0.19 | 2.8 |
| M763147 | | 7.0 | 50.8 | 0.002 | 0.02 | 1.37 | 5.8 | 1 | 1.4 | 129.5 | 1.23 | <0.05 | 13.5 | 0.112 | 0.23 | 3.0 |
| M763148 | | 6.0 | 43.8 | 0.002 | 0.01 | 1.36 | 5.4 | 1 | 1.2 | 142.5 | 1.29 | <0.05 | 13.6 | 0.113 | 0.17 | 2.9 |
| M763149 | | 5.4 | 48.3 | 0.003 | 0.01 | 1.22 | 5.2 | 1 | 1.8 | 127.5 | 1.32 | <0.05 | 14.2 | 0.112 | 0.21 | 3.1 |
| M763150 | | 12.3 | 64.7 | <0.002 | <0.01 | 0.27 | 5.5 | 1 | 1.7 | 191.0 | 0.46 | <0.05 | 6.0 | 0.115 | 0.41 | 2.0 |
| M763151 | | 5.4 | 50.4 | 0.002 | 0.02 | 1.26 | 5.9 | 1 | 1.7 | 131.0 | 1.28 | <0.05 | 14.2 | 0.113 | 0.22 | 3.1 |
| M763152 | | 6.5 | 42.4 | 0.003 | 0.22 | 1.27 | 5.2 | 2 | 1.6 | 112.5 | 1.25 | <0.05 | 12.3 | 0.107 | 0.19 | 2.8 |
| M763153 | | 5.6 | 45.7 | 0.002 | 0.03 | 1.07 | 5.1 | 1 | 1.7 | 136.0 | 1.41 | <0.05 | 13.6 | 0.124 | 0.21 | 2.9 |
| M763154 | | 9.5 | 77.9 | <0.002 | 0.02 | 1.21 | 8.0 | 1 | 3.0 | 144.0 | 1.44 | <0.05 | 16.3 | 0.151 | 0.33 | 3.6 |
| M763155 | | 12.7 | 93.9 | 0.002 | 0.01 | 1.16 | 9.0 | 2 | 3.8 | 156.0 | 1.29 | <0.05 | 14.0 | 0.168 | 0.46 | 3.3 |
| M763156 | | 12.0 | 71.2 | 0.002 | 0.01 | 1.26 | 8.9 | 2 | 2.3 | 175.5 | 1.17 | <0.05 | 14.9 | 0.168 | 0.42 | 3.3 |
| M763157 | | 11.4 | 88.1 | 0.003 | 0.02 | 1.18 | 9.1 | 1 | 2.4 | 137.5 | 1.17 | <0.05 | 14.9 | 0.177 | 0.44 | 3.4 |
| M763158 | | 11.7 | 91.5 | 0.003 | <0.01 | 1.28 | 9.2 | 1 | 2.2 | 192.5 | 1.20 | <0.05 | 13.2 | 0.182 | 0.56 | 3.1 |
| M763159 | | 4.9 | 27.7 | 0.003 | <0.01 | 0.98 | 3.5 | 2 | 1.2 | 195.0 | 2.20 | <0.05 | 28.6 | 0.171 | 0.12 | 2.7 |
| M763160 | | 3.8 | 20.4 | 0.002 | <0.01 | 0.94 | 2.6 | 2 | 1.3 | 160.5 | 1.30 | <0.05 | 13.4 | 0.107 | 0.07 | 2.0 |
| M763161 | | 6.3 | 56.9 | 0.003 | 0.01 | 1.11 | 6.8 | 1 | 1.5 | 136.5 | 1.17 | <0.05 | 13.9 | 0.136 | 0.28 | 3.0 |
| M763162 | | 7.0 | 63.0 | 0.002 | 0.02 | 0.91 | 5.3 | 1 | 1.4 | 144.5 | 1.25 | <0.05 | 13.3 | 0.121 | 0.28 | 2.9 |

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


**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|
| M763123 | | 2 | 1.9 | 38.5 | 89 | 345 |
| M763124 | | 2 | 1.6 | 31.0 | 136 | 350 |
| M763125 | | 35 | 0.2 | 5.0 | 46 | 49.3 |
| M763126 | | 2 | 1.4 | 29.7 | 81 | 335 |
| M763127 | | 2 | 0.9 | 32.8 | 30 | 328 |
| M763128 | | 2 | 0.8 | 33.3 | 22 | 319 |
| M763129 | | 2 | 0.8 | 28.5 | 20 | 313 |
| M763130 | | 2 | 1.0 | 33.7 | 24 | 334 |
| M763131 | | 2 | 0.8 | 30.2 | 20 | 325 |
| M763132 | | 2 | 1.0 | 30.8 | 20 | 312 |
| M763133 | | 2 | 1.0 | 30.0 | 17 | 295 |
| M763134 | | 3 | 0.5 | 30.5 | 21 | 313 |
| M763135 | | 2 | 0.7 | 33.7 | 19 | 307 |
| M763136 | | 2 | 1.0 | 32.9 | 20 | 313 |
| M763137 | | 3 | 0.8 | 38.6 | 20 | 316 |
| M763138 | | 4 | 0.6 | 37.0 | 25 | 288 |
| M763139 | | 3 | 0.6 | 30.6 | 19 | 314 |
| M763140 | | 3 | 0.6 | 32.6 | 18 | 323 |
| M763141 | | 3 | 0.7 | 40.5 | 19 | 338 |
| M763142 | | 4 | 1.2 | 33.9 | 21 | 281 |
| M763143 | | 3 | 1.0 | 32.0 | 35 | 341 |
| M763144 | | 2 | 0.7 | 31.4 | 20 | 361 |
| M763145 | | 1 | 0.7 | 26.3 | 10 | 352 |
| M763146 | | 1 | 0.6 | 32.0 | 17 | 335 |
| M763147 | | 1 | 0.5 | 31.3 | 21 | 346 |
| M763148 | | 1 | 0.6 | 32.0 | 16 | 340 |
| M763149 | | 1 | 0.7 | 28.3 | 17 | 329 |
| M763150 | | 15 | 1.0 | 16.5 | 44 | 28.9 |
| M763151 | | 1 | 1.1 | 32.3 | 18 | 342 |
| M763152 | | 1 | 0.8 | 30.0 | 25 | 329 |
| M763153 | | 1 | 0.8 | 30.9 | 17 | 368 |
| M763154 | | 1 | 1.4 | 33.5 | 44 | 415 |
| M763155 | | 2 | 2.4 | 32.7 | 52 | 376 |
| M763156 | | 3 | 1.4 | 30.7 | 23 | 351 |
| M763157 | | 2 | 1.7 | 33.3 | 20 | 364 |
| M763158 | | 2 | 2.0 | 29.8 | 30 | 363 |
| M763159 | | 1 | 0.9 | 40.1 | 7 | 315 |
| M763160 | | 1 | 0.9 | 31.2 | 3 | 320 |
| M763161 | | 1 | 1.8 | 30.6 | 22 | 332 |
| M763162 | | 1 | 1.3 | 35.2 | 22 | 343 |

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


**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763163 | | 1.62 | <0.005 | 0.04 | 6.30 | 5.2 | 460 | 2.08 | 0.06 | 1.04 | 0.02 | 45.3 | 0.8 | 10 | 0.22 | 11.9 |
| M763164 | | 1.44 | <0.005 | 0.01 | 6.24 | 3.2 | 420 | 1.97 | 0.04 | 1.08 | <0.02 | 30.1 | 0.9 | 9 | 0.26 | 5.0 |
| M763165 | | 1.79 | <0.005 | 0.02 | 6.31 | 3.3 | 490 | 1.94 | 0.04 | 1.22 | <0.02 | 34.5 | 1.2 | 11 | 0.34 | 3.1 |
| M763166 | | 1.76 | <0.005 | 0.02 | 6.48 | 4.6 | 720 | 1.93 | 0.07 | 1.15 | <0.02 | 90.8 | 1.8 | 12 | 0.52 | 6.6 |
| M763167 | | 1.87 | <0.005 | 0.04 | 6.20 | 2.6 | 1520 | 1.80 | 0.09 | 1.24 | 0.03 | 108.0 | 3.6 | 7 | 1.32 | 1.1 |
| M763168 | | 2.04 | <0.005 | 0.06 | 6.24 | 3.7 | 1350 | 2.16 | 0.15 | 1.31 | 0.02 | 102.0 | 4.0 | 6 | 0.98 | 3.0 |
| M763169 | | 2.19 | <0.005 | 0.06 | 6.47 | 1.3 | 1630 | 1.94 | 0.09 | 1.38 | 0.04 | 130.0 | 5.1 | 8 | 1.11 | 1.9 |
| M763170 | | 2.19 | <0.005 | 0.04 | 6.62 | 3.9 | 1350 | 1.98 | 0.07 | 1.15 | 0.06 | 129.5 | 5.0 | 11 | 0.95 | 3.7 |
| M763171 | | 2.23 | <0.005 | 0.04 | 6.26 | 5.9 | 1310 | 2.01 | 0.14 | 1.07 | 0.03 | 110.5 | 6.0 | 10 | 1.25 | 1.7 |
| M763172 | | 2.11 | <0.005 | 0.24 | 5.94 | 3.0 | 1260 | 1.70 | 0.08 | 0.93 | 0.06 | 98.8 | 2.3 | 9 | 0.44 | 1.9 |
| M763173 | | 1.02 | <0.005 | 0.08 | 6.18 | 4.5 | 1280 | 2.10 | 0.06 | 0.84 | 0.02 | 131.5 | 2.4 | 9 | 0.56 | 2.8 |
| M763174 | | 2.19 | <0.005 | 0.03 | 6.00 | 5.1 | 1450 | 1.91 | 0.07 | 0.85 | 0.02 | 118.0 | 2.9 | 11 | 0.50 | 3.3 |
| M763175 | | 0.67 | <0.005 | 0.09 | 6.04 | 5.7 | 1260 | 1.77 | 0.06 | 0.85 | 0.02 | 110.0 | 2.7 | 7 | 0.47 | 4.9 |
| M763176 | | 2.15 | <0.005 | 0.02 | 6.02 | 6.5 | 1730 | 1.79 | 0.05 | 0.89 | <0.02 | 103.0 | 3.5 | 8 | 0.87 | 2.4 |
| M763177 | | 2.07 | <0.005 | 0.03 | 5.99 | 7.4 | 1850 | 1.75 | 0.06 | 0.79 | 0.02 | 174.5 | 2.3 | 12 | 0.59 | 1.3 |
| M763178 | | 2.29 | <0.005 | 0.18 | 6.03 | 4.0 | 1700 | 1.76 | 0.06 | 0.84 | 0.02 | 158.5 | 2.4 | 10 | 0.58 | 4.3 |
| M763179 | | 2.33 | <0.005 | 0.10 | 6.00 | 2.1 | 1040 | 1.82 | 0.07 | 0.77 | 0.03 | 118.5 | 1.5 | 11 | 0.54 | 1.8 |
| M763180 | | 1.76 | <0.005 | 0.04 | 6.21 | 2.2 | 1230 | 1.61 | 0.05 | 0.85 | 0.02 | 127.0 | 2.2 | 17 | 0.54 | 2.1 |
| M763181 | | 1.58 | <0.005 | 0.04 | 5.78 | 4.6 | 1200 | 1.99 | 0.07 | 0.95 | 0.02 | 136.0 | 3.2 | 10 | 0.50 | 4.6 |
| M763182 | | 1.68 | <0.005 | 0.02 | 5.68 | 2.8 | 1030 | 1.84 | 0.05 | 0.90 | 0.02 | 131.0 | 2.6 | 10 | 0.51 | 2.7 |
| M763183 | | 1.76 | <0.005 | 0.03 | 5.57 | 6.6 | 960 | 1.95 | 0.08 | 0.89 | <0.02 | 108.0 | 2.6 | 9 | 0.64 | 3.5 |
| M763184 | | 1.72 | <0.005 | 0.04 | 5.50 | 3.5 | 970 | 2.12 | 0.07 | 0.99 | 0.04 | 115.5 | 2.7 | 9 | 0.66 | 1.9 |
| M763185 | | 1.68 | <0.005 | 0.04 | 5.91 | 4.8 | 1380 | 2.10 | 0.08 | 1.09 | 0.02 | 113.5 | 3.2 | 7 | 0.84 | 2.8 |
| M763186 | | 1.85 | <0.005 | 0.07 | 5.79 | 6.1 | 1180 | 1.68 | 0.08 | 0.77 | 0.02 | 134.5 | 2.4 | 7 | 0.62 | 4.1 |
| M763187 | | 1.71 | 0.023 | 0.06 | 5.69 | 7.7 | 1090 | 1.97 | 0.12 | 0.83 | 0.03 | 114.0 | 2.8 | 9 | 0.88 | 3.5 |
| M763188 | | 1.63 | <0.005 | 0.08 | 5.53 | 58.1 | 1170 | 1.76 | 0.21 | 0.98 | 0.04 | 103.5 | 3.2 | 9 | 0.60 | 9.4 |
| M763189 | | 1.75 | <0.005 | 0.06 | 5.88 | 10.0 | 1250 | 1.74 | 0.20 | 0.84 | 0.15 | 123.0 | 3.1 | 8 | 0.70 | 9.4 |
| M763190 | | 1.64 | <0.005 | 0.06 | 5.52 | 133.0 | 1170 | 1.56 | 0.21 | 2.58 | <0.02 | 90.3 | 5.0 | 8 | 1.46 | 15.4 |
| M763191 | | 1.05 | 0.006 | 0.06 | 6.19 | 113.0 | 540 | 1.73 | 0.23 | 2.35 | 0.02 | 140.0 | 7.6 | 5 | 5.19 | 17.0 |
| M763192 | | 1.98 | 0.010 | 0.06 | 6.21 | 18.5 | 820 | 1.49 | 0.43 | 2.56 | 0.05 | 109.0 | 11.0 | 3 | 7.29 | 6.6 |
| M763193 | | 1.83 | 0.006 | 0.06 | 6.75 | 10.1 | 770 | 1.37 | 0.55 | 2.96 | 0.05 | 107.0 | 15.2 | 3 | 7.94 | 9.4 |
| M763194 | | 2.20 | 0.006 | 0.08 | 7.64 | 3.0 | 520 | 1.11 | 0.40 | 3.53 | 0.09 | 75.2 | 20.7 | 3 | 3.32 | 13.0 |
| M763195 | | 2.01 | 0.012 | 0.07 | 7.87 | 2.3 | 510 | 1.22 | 0.33 | 3.00 | 0.05 | 77.9 | 14.8 | 3 | 3.08 | 22.1 |
| M763196 | | 2.50 | 0.010 | 0.14 | 5.92 | 3.5 | 450 | 1.48 | 0.31 | 1.52 | 0.07 | 148.5 | 12.2 | 8 | 2.26 | 49.3 |
| M763197 | | 2.08 | <0.005 | 0.09 | 6.55 | 3.7 | 370 | 1.31 | 0.25 | 3.22 | 0.08 | 89.0 | 18.6 | 5 | 3.28 | 44.5 |
| M763198 | | 2.18 | <0.005 | 0.10 | 6.66 | 4.1 | 460 | 1.23 | 0.35 | 2.73 | 0.18 | 83.4 | 18.4 | 9 | 2.93 | 22.7 |
| M763199 | | 2.53 | 0.007 | 0.17 | 6.64 | 5.5 | 340 | 1.06 | 0.41 | 4.22 | 0.22 | 88.6 | 24.3 | 4 | 1.70 | 43.7 |
| M763200 | | 0.03 | 1.325 | 0.81 | 7.76 | 3.4 | 90 | 1.99 | 0.61 | 0.86 | 0.15 | 17.00 | 8.0 | 26 | 19.00 | 11.7 |
| M763201 | | 2.46 | <0.005 | 0.11 | 7.22 | 3.1 | 300 | 1.07 | 0.24 | 3.74 | 0.12 | 57.6 | 19.5 | 9 | 2.79 | 31.7 |
| M763202 | | 2.42 | <0.005 | 0.05 | 7.32 | 3.3 | 700 | 1.15 | 0.17 | 3.35 | 0.07 | 99.8 | 23.2 | 7 | 6.62 | 3.8 |

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

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**TORONTO ON M5H 3W4**


**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| M763163 | | 0.98 | 17.25 | 0.18 | 9.8 | <0.005 | 1.08 | 13.9 | 2.1 | 0.02 | 210 | 0.88 | 3.64 | 15.3 | 0.9 | 10 |
| M763164 | | 0.88 | 18.55 | 0.13 | 10.0 | <0.005 | 0.97 | 8.5 | 1.8 | 0.02 | 222 | 0.80 | 3.93 | 17.8 | 0.9 | 10 |
| M763165 | | 1.16 | 18.90 | 0.14 | 8.9 | 0.010 | 1.24 | 10.7 | 2.3 | 0.03 | 259 | 0.49 | 3.73 | 17.8 | 0.9 | 10 |
| M763166 | | 1.58 | 19.35 | 0.18 | 10.4 | 0.028 | 1.59 | 32.8 | 3.5 | 0.03 | 276 | 0.81 | 3.51 | 15.9 | 1.2 | 30 |
| M763167 | | 2.75 | 16.80 | 0.21 | 9.3 | 0.027 | 2.98 | 46.2 | 7.4 | 0.11 | 485 | 1.99 | 2.13 | 14.3 | 1.0 | 140 |
| M763168 | | 2.53 | 16.45 | 0.19 | 9.0 | 0.026 | 2.59 | 45.4 | 7.3 | 0.11 | 429 | 2.73 | 2.23 | 14.8 | 0.8 | 150 |
| M763169 | | 3.18 | 17.50 | 0.19 | 11.2 | 0.035 | 2.50 | 59.8 | 9.8 | 0.11 | 536 | 3.59 | 2.31 | 16.0 | 1.0 | 130 |
| M763170 | | 2.95 | 17.80 | 0.20 | 10.9 | 0.028 | 2.34 | 59.9 | 8.0 | 0.09 | 454 | 3.94 | 2.63 | 16.0 | 0.9 | 110 |
| M763171 | | 3.10 | 17.35 | 0.17 | 9.1 | 0.015 | 2.67 | 53.3 | 8.1 | 0.08 | 372 | 3.24 | 2.16 | 15.0 | 1.0 | 80 |
| M763172 | | 1.76 | 16.15 | 0.18 | 7.8 | 0.022 | 3.26 | 45.5 | 3.3 | 0.03 | 249 | 2.23 | 2.40 | 15.4 | 0.7 | 50 |
| M763173 | | 1.66 | 17.55 | 0.21 | 8.1 | 0.018 | 3.30 | 64.3 | 4.2 | 0.04 | 204 | 1.04 | 2.38 | 16.0 | 0.8 | 50 |
| M763174 | | 1.74 | 17.15 | 0.19 | 8.4 | 0.009 | 3.18 | 56.3 | 4.3 | 0.04 | 222 | 1.70 | 2.16 | 16.7 | 0.9 | 40 |
| M763175 | | 1.80 | 16.60 | 0.17 | 8.2 | 0.021 | 3.27 | 50.1 | 4.1 | 0.04 | 215 | 1.36 | 2.32 | 15.5 | 0.7 | 50 |
| M763176 | | 1.84 | 14.70 | 0.19 | 7.7 | <0.005 | 3.18 | 49.8 | 5.4 | 0.04 | 227 | 0.74 | 2.12 | 15.1 | 0.6 | 50 |
| M763177 | | 1.46 | 16.05 | 0.21 | 8.2 | 0.006 | 3.50 | 86.3 | 4.8 | 0.03 | 195 | 1.12 | 2.08 | 16.5 | 0.7 | 40 |
| M763178 | | 1.67 | 15.90 | 0.22 | 7.5 | 0.011 | 3.37 | 75.1 | 5.5 | 0.03 | 214 | 0.95 | 2.15 | 15.1 | 1.3 | 50 |
| M763179 | | 1.57 | 16.40 | 0.20 | 8.2 | 0.030 | 3.20 | 55.8 | 4.5 | 0.03 | 198 | 2.03 | 2.62 | 16.4 | 0.7 | 50 |
| M763180 | | 1.71 | 16.15 | 0.19 | 7.6 | 0.026 | 3.14 | 67.3 | 4.0 | 0.04 | 195 | 1.00 | 2.49 | 16.0 | 0.8 | 50 |
| M763181 | | 1.64 | 17.40 | 0.22 | 7.9 | 0.024 | 2.81 | 63.9 | 3.9 | 0.03 | 217 | 1.22 | 2.35 | 16.8 | 1.2 | 50 |
| M763182 | | 1.58 | 16.45 | 0.20 | 7.2 | 0.021 | 2.69 | 59.5 | 4.3 | 0.03 | 207 | 2.08 | 2.42 | 16.1 | 0.9 | 50 |
| M763183 | | 1.58 | 15.30 | 0.21 | 7.2 | 0.024 | 2.46 | 52.0 | 5.4 | 0.03 | 212 | 6.68 | 2.35 | 15.2 | 0.8 | 50 |
| M763184 | | 1.52 | 15.70 | 0.19 | 7.9 | 0.052 | 2.45 | 52.3 | 5.7 | 0.03 | 289 | 4.66 | 2.28 | 14.4 | 0.7 | 50 |
| M763185 | | 1.81 | 16.45 | 0.19 | 7.6 | 0.034 | 2.59 | 49.1 | 6.5 | 0.04 | 326 | 3.40 | 2.36 | 15.3 | 0.7 | 60 |
| M763186 | | 1.68 | 16.05 | 0.20 | 7.3 | 0.012 | 2.70 | 64.7 | 4.5 | 0.04 | 186 | 2.19 | 2.34 | 14.7 | 2.2 | 50 |
| M763187 | | 1.82 | 16.20 | 0.21 | 7.4 | 0.010 | 2.57 | 53.3 | 6.1 | 0.04 | 201 | 1.13 | 2.44 | 16.2 | 0.9 | 50 |
| M763188 | | 1.75 | 16.65 | 0.19 | 6.9 | 0.010 | 2.68 | 46.1 | 4.6 | 0.04 | 238 | 1.68 | 2.17 | 15.2 | 0.7 | 50 |
| M763189 | | 1.81 | 16.30 | 0.21 | 6.8 | 0.014 | 2.72 | 56.1 | 5.4 | 0.06 | 222 | 1.58 | 2.36 | 15.3 | 0.8 | 60 |
| M763190 | | 3.31 | 16.05 | 0.19 | 6.7 | 0.027 | 2.26 | 38.5 | 12.7 | 0.23 | 432 | 4.24 | 2.29 | 16.0 | 3.0 | 340 |
| M763191 | | 7.20 | 18.30 | 0.24 | 6.8 | 0.060 | 1.45 | 62.8 | 23.1 | 0.30 | 1010 | 2.73 | 2.06 | 18.8 | 1.5 | 700 |
| M763192 | | 6.05 | 17.25 | 0.19 | 5.2 | 0.079 | 2.29 | 49.6 | 25.4 | 0.41 | 967 | 2.47 | 1.63 | 15.9 | 0.6 | 900 |
| M763193 | | 7.07 | 17.50 | 0.20 | 4.3 | 0.042 | 2.03 | 46.6 | 28.2 | 0.82 | 1200 | 3.48 | 1.45 | 12.3 | 1.3 | 1910 |
| M763194 | | 8.63 | 18.90 | 0.18 | 3.1 | 0.061 | 1.75 | 30.9 | 21.3 | 0.98 | 1580 | 2.32 | 2.07 | 11.1 | 3.1 | 2720 |
| M763195 | | 7.26 | 19.50 | 0.18 | 3.4 | 0.059 | 1.41 | 34.2 | 15.5 | 0.73 | 1180 | 2.26 | 2.78 | 11.1 | 1.7 | 1990 |
| M763196 | | 4.25 | 15.25 | 0.23 | 6.0 | 0.035 | 1.06 | 72.8 | 12.3 | 0.44 | 501 | 2.65 | 2.67 | 13.3 | 3.4 | 920 |
| M763197 | | 6.65 | 15.90 | 0.20 | 3.8 | 0.051 | 1.44 | 39.1 | 14.9 | 1.19 | 1280 | 2.73 | 2.18 | 10.8 | 5.5 | 2840 |
| M763198 | | 6.43 | 16.60 | 0.20 | 3.9 | 0.042 | 1.59 | 37.2 | 13.3 | 1.18 | 1140 | 2.61 | 2.22 | 9.6 | 16.2 | 1910 |
| M763199 | | 9.05 | 16.25 | 0.16 | 2.7 | 0.064 | 1.15 | 37.8 | 8.4 | 1.46 | 2060 | 1.84 | 1.69 | 10.0 | 4.4 | 3840 |
| M763200 | | 3.90 | 17.90 | 0.12 | 1.3 | <0.005 | 2.38 | 7.7 | 4.7 | 0.86 | 227 | 0.94 | 4.95 | 8.2 | 30.3 | 630 |
| M763201 | | 7.01 | 17.05 | 0.17 | 2.5 | 0.043 | 1.20 | 24.0 | 10.8 | 1.34 | 1440 | 3.88 | 2.44 | 8.0 | 13.8 | 2560 |
| M763202 | | 8.46 | 18.70 | 0.19 | 2.8 | 0.065 | 2.49 | 43.5 | 23.3 | 1.53 | 1480 | 2.89 | 1.82 | 14.7 | 10.4 | 3710 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763163 | | 4.6 | 29.9 | 0.002 | <0.01 | 0.66 | 3.0 | 2 | 1.2 | 161.5 | 1.34 | <0.05 | 14.2 | 0.100 | 0.15 | 2.4 |
| M763164 | | 3.7 | 29.0 | 0.003 | 0.01 | 0.64 | 2.5 | 2 | 1.2 | 150.5 | 1.35 | <0.05 | 15.0 | 0.112 | 0.11 | 2.0 |
| M763165 | | 4.2 | 35.3 | <0.002 | 0.01 | 0.69 | 4.0 | 1 | 1.4 | 157.0 | 1.33 | <0.05 | 15.3 | 0.112 | 0.16 | 2.0 |
| M763166 | | 4.7 | 47.9 | 0.003 | 0.02 | 0.78 | 4.6 | 2 | 1.8 | 119.0 | 1.29 | <0.05 | 13.2 | 0.108 | 0.23 | 2.7 |
| M763167 | | 11.3 | 107.0 | <0.002 | <0.01 | 1.10 | 8.5 | 1 | 2.2 | 140.0 | 1.14 | <0.05 | 14.3 | 0.163 | 0.49 | 3.3 |
| M763168 | | 11.6 | 84.9 | 0.002 | <0.01 | 1.21 | 8.9 | 2 | 2.1 | 164.5 | 1.14 | <0.05 | 13.6 | 0.167 | 0.41 | 3.0 |
| M763169 | | 12.7 | 84.0 | 0.003 | <0.01 | 1.26 | 11.0 | 3 | 3.0 | 165.5 | 1.25 | <0.05 | 15.4 | 0.175 | 0.46 | 3.3 |
| M763170 | | 9.1 | 75.3 | 0.002 | 0.01 | 1.21 | 11.3 | 1 | 3.0 | 152.0 | 1.16 | <0.05 | 14.7 | 0.166 | 0.38 | 3.3 |
| M763171 | | 5.9 | 95.8 | 0.002 | 0.01 | 1.13 | 8.5 | 1 | 1.6 | 120.5 | 1.21 | 0.05 | 15.0 | 0.119 | 0.47 | 3.8 |
| M763172 | | 5.3 | 88.8 | 0.002 | 0.01 | 0.91 | 6.6 | 1 | 1.7 | 91.5 | 1.29 | <0.05 | 14.5 | 0.087 | 0.41 | 3.7 |
| M763173 | | 5.4 | 89.5 | 0.002 | 0.01 | 1.05 | 7.0 | 1 | 1.9 | 94.8 | 1.26 | <0.05 | 16.0 | 0.089 | 0.38 | 3.8 |
| M763174 | | 6.1 | 91.6 | 0.002 | 0.01 | 1.08 | 7.3 | 1 | 1.7 | 105.0 | 1.38 | <0.05 | 16.0 | 0.088 | 0.36 | 3.9 |
| M763175 | | 5.7 | 88.8 | 0.002 | 0.01 | 1.73 | 6.7 | 2 | 2.0 | 90.9 | 1.27 | <0.05 | 15.8 | 0.088 | 0.36 | 3.7 |
| M763176 | | 6.7 | 88.4 | 0.002 | 0.01 | 1.25 | 6.1 | 1 | 1.2 | 112.5 | 1.30 | <0.05 | 16.2 | 0.089 | 0.43 | 3.7 |
| M763177 | | 8.4 | 94.4 | 0.002 | <0.01 | 1.36 | 6.4 | 2 | 1.0 | 124.5 | 1.27 | 0.05 | 16.8 | 0.088 | 0.38 | 4.4 |
| M763178 | | 7.6 | 85.5 | 0.002 | 0.01 | 1.33 | 6.8 | 1 | 1.3 | 111.0 | 1.27 | <0.05 | 16.8 | 0.088 | 0.40 | 4.0 |
| M763179 | | 7.0 | 83.7 | 0.002 | <0.01 | 1.47 | 7.0 | 1 | 1.8 | 86.1 | 1.39 | <0.05 | 17.1 | 0.089 | 0.32 | 4.1 |
| M763180 | | 5.9 | 85.2 | <0.002 | 0.01 | 1.32 | 7.2 | 1 | 2.0 | 89.4 | 1.15 | <0.05 | 16.7 | 0.091 | 0.32 | 4.1 |
| M763181 | | 7.8 | 99.1 | <0.002 | 0.01 | 1.29 | 7.1 | 1 | 1.9 | 107.0 | 1.39 | <0.05 | 17.5 | 0.088 | 0.33 | 4.2 |
| M763182 | | 7.2 | 95.5 | <0.002 | 0.01 | 1.29 | 6.8 | 1 | 1.5 | 98.5 | 1.30 | <0.05 | 17.0 | 0.085 | 0.34 | 3.9 |
| M763183 | | 7.5 | 85.2 | <0.002 | 0.02 | 1.66 | 6.2 | 1 | 1.6 | 98.0 | 1.31 | <0.05 | 15.8 | 0.083 | 0.30 | 3.9 |
| M763184 | | 7.9 | 80.1 | <0.002 | 0.01 | 1.72 | 6.4 | <1 | 1.7 | 116.0 | 1.19 | <0.05 | 16.1 | 0.080 | 0.31 | 3.9 |
| M763185 | | 9.6 | 85.2 | <0.002 | 0.01 | 1.95 | 7.3 | 2 | 1.7 | 118.0 | 1.26 | <0.05 | 15.7 | 0.098 | 0.33 | 3.7 |
| M763186 | | 12.6 | 93.7 | <0.002 | 0.02 | 1.88 | 6.8 | 2 | 1.4 | 107.0 | 1.25 | <0.05 | 17.5 | 0.085 | 0.37 | 3.8 |
| M763187 | | 8.3 | 92.7 | <0.002 | 0.01 | 2.09 | 6.8 | 1 | 1.3 | 108.0 | 1.33 | <0.05 | 17.4 | 0.086 | 0.41 | 4.4 |
| M763188 | | 8.2 | 89.5 | <0.002 | 0.05 | 1.69 | 6.7 | 1 | 1.3 | 103.0 | 1.25 | <0.05 | 14.6 | 0.085 | 0.36 | 3.5 |
| M763189 | | 14.1 | 90.4 | <0.002 | 0.05 | 2.08 | 7.4 | 1 | 1.0 | 132.5 | 1.26 | <0.05 | 16.8 | 0.095 | 0.38 | 4.0 |
| M763190 | | 4.7 | 82.4 | <0.002 | 0.09 | 1.88 | 10.4 | 2 | 1.8 | 129.0 | 1.23 | <0.05 | 13.4 | 0.176 | 0.43 | 3.3 |
| M763191 | | 4.9 | 77.6 | <0.002 | 0.13 | 1.91 | 29.6 | 2 | 2.9 | 167.5 | 1.11 | <0.05 | 9.3 | 0.402 | 0.45 | 2.7 |
| M763192 | | 8.6 | 108.5 | <0.002 | 0.04 | 1.83 | 26.2 | 1 | 3.1 | 163.0 | 1.08 | <0.05 | 11.4 | 0.415 | 0.66 | 2.9 |
| M763193 | | 8.7 | 109.5 | <0.002 | 0.04 | 2.44 | 29.5 | 2 | 2.5 | 155.5 | 0.92 | <0.05 | 9.3 | 0.631 | 0.69 | 2.4 |
| M763194 | | 14.0 | 92.3 | <0.002 | 0.02 | 2.67 | 40.6 | 1 | 2.3 | 240 | 0.76 | <0.05 | 5.9 | 0.850 | 0.73 | 1.5 |
| M763195 | | 15.9 | 91.4 | <0.002 | 0.05 | 2.43 | 36.7 | 1 | 2.2 | 365 | 0.76 | <0.05 | 6.6 | 0.688 | 0.65 | 1.6 |
| M763196 | | 12.1 | 72.3 | <0.002 | 0.10 | 2.10 | 17.2 | 1 | 2.0 | 150.5 | 1.09 | <0.05 | 15.3 | 0.271 | 0.47 | 3.8 |
| M763197 | | 9.0 | 90.5 | 0.002 | 0.05 | 2.62 | 31.0 | 2 | 2.0 | 245 | 0.84 | <0.05 | 8.7 | 0.807 | 0.63 | 2.0 |
| M763198 | | 15.8 | 88.0 | <0.002 | 0.04 | 3.16 | 29.6 | 1 | 2.0 | 234 | 0.75 | <0.05 | 8.8 | 0.593 | 0.58 | 2.1 |
| M763199 | | 13.6 | 68.6 | 0.003 | 0.25 | 4.92 | 55.3 | 1 | 2.4 | 256 | 0.75 | <0.05 | 6.2 | 1.050 | 0.40 | 1.5 |
| M763200 | | 80.6 | 550 | <0.002 | 3.02 | 1.35 | 3.0 | 1 | 1.0 | 163.0 | 0.70 | <0.05 | 2.9 | 0.203 | 6.14 | 1.4 |
| M763201 | | 18.6 | 57.5 | 0.002 | 0.07 | 3.23 | 38.9 | 1 | 2.0 | 391 | 0.56 | <0.05 | 5.2 | 0.770 | 0.54 | 1.4 |
| M763202 | | 14.6 | 161.0 | <0.002 | 0.01 | 2.49 | 42.2 | 1 | 2.8 | 292 | 1.08 | <0.05 | 6.6 | 1.000 | 1.19 | 1.8 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|
| M763163 | | <1 | 0.8 | 31.7 | 11 | 327 |
| M763164 | | 1 | 1.0 | 29.7 | 7 | 360 |
| M763165 | | 1 | 0.9 | 26.5 | 9 | 313 |
| M763166 | | 1 | 1.1 | 38.5 | 17 | 359 |
| M763167 | | 2 | 1.5 | 35.9 | 39 | 339 |
| M763168 | | 2 | 1.6 | 31.4 | 26 | 346 |
| M763169 | | 2 | 1.6 | 34.5 | 43 | 415 |
| M763170 | | 1 | 1.8 | 32.8 | 34 | 413 |
| M763171 | | 1 | 1.5 | 29.1 | 28 | 330 |
| M763172 | | <1 | 0.9 | 24.4 | 12 | 243 |
| M763173 | | <1 | 1.0 | 28.9 | 12 | 254 |
| M763174 | | <1 | 1.0 | 24.9 | 13 | 263 |
| M763175 | | 1 | 1.0 | 25.2 | 13 | 257 |
| M763176 | | 1 | 1.2 | 25.7 | 12 | 246 |
| M763177 | | <1 | 1.1 | 30.8 | 11 | 265 |
| M763178 | | <1 | 0.9 | 27.0 | 12 | 227 |
| M763179 | | 1 | 0.7 | 32.7 | 15 | 265 |
| M763180 | | <1 | 0.8 | 29.6 | 17 | 264 |
| M763181 | | <1 | 0.8 | 30.5 | 11 | 270 |
| M763182 | | 1 | 0.7 | 30.4 | 11 | 250 |
| M763183 | | <1 | 1.1 | 27.2 | 13 | 241 |
| M763184 | | <1 | 1.1 | 29.8 | 15 | 273 |
| M763185 | | 1 | 1.0 | 28.2 | 16 | 262 |
| M763186 | | 1 | 0.8 | 23.0 | 12 | 253 |
| M763187 | | 1 | 0.5 | 25.8 | 17 | 256 |
| M763188 | | 1 | 1.2 | 22.3 | 15 | 231 |
| M763189 | | 1 | 0.8 | 24.0 | 54 | 238 |
| M763190 | | 8 | 2.0 | 33.9 | 19 | 241 |
| M763191 | | 5 | 2.2 | 40.1 | 46 | 292 |
| M763192 | | 7 | 1.7 | 29.4 | 39 | 194.5 |
| M763193 | | 30 | 1.8 | 30.3 | 50 | 154.5 |
| M763194 | | 37 | 2.3 | 27.9 | 64 | 116.0 |
| M763195 | | 27 | 8.1 | 24.7 | 51 | 131.0 |
| M763196 | | 26 | 1.1 | 34.3 | 39 | 212 |
| M763197 | | 71 | 1.5 | 28.4 | 53 | 143.0 |
| M763198 | | 57 | 1.5 | 26.5 | 84 | 150.5 |
| M763199 | | 73 | 4.2 | 30.8 | 121 | 107.0 |
| M763200 | | 25 | 0.2 | 5.0 | 38 | 43.1 |
| M763201 | | 71 | 1.3 | 21.5 | 86 | 104.0 |
| M763202 | | 107 | 1.1 | 34.5 | 98 | 104.5 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763203 | | 2.08 | <0.005 | 0.11 | 6.16 | 6.1 | 660 | 1.69 | 0.17 | 1.05 | 0.08 | 109.5 | 4.7 | 7 | 0.73 | 32.7 |
| M763204 | | 2.46 | <0.005 | 0.11 | 6.66 | 4.6 | 620 | 1.55 | 0.24 | 1.88 | 0.07 | 108.5 | 10.0 | 6 | 2.10 | 21.9 |
| M763205 | | 2.39 | <0.005 | 0.11 | 6.59 | 11.3 | 500 | 1.48 | 0.18 | 2.82 | 0.07 | 97.1 | 22.4 | 3 | 5.00 | 14.7 |
| M763206 | | 2.11 | <0.005 | 0.19 | 6.29 | 8.4 | 1040 | 1.43 | 0.27 | 0.72 | 0.11 | 133.5 | 4.1 | 7 | 0.65 | 48.1 |
| M763207 | | 2.04 | <0.005 | 0.14 | 5.93 | 8.4 | 1080 | 1.54 | 0.14 | 0.67 | 0.06 | 136.0 | 4.0 | 8 | 0.52 | 39.1 |
| M763208 | | 2.12 | <0.005 | 0.30 | 6.40 | 16.2 | 970 | 1.37 | 0.15 | 1.52 | 0.08 | 119.0 | 12.3 | 13 | 2.01 | 92.2 |
| M763209 | | 2.12 | <0.005 | 0.04 | 7.05 | 7.3 | 650 | 1.03 | 0.10 | 2.99 | 0.04 | 66.4 | 24.2 | 7 | 4.45 | 9.2 |
| M763210 | | 2.10 | 0.008 | 0.06 | 7.07 | 216 | 500 | 1.09 | 0.10 | 3.48 | 0.06 | 74.5 | 34.1 | 4 | 3.40 | 10.8 |
| M763211 | | 2.26 | <0.005 | 0.10 | 7.40 | 13.6 | 360 | 0.96 | 0.12 | 3.93 | 0.08 | 59.5 | 28.2 | 29 | 3.82 | 22.1 |
| M763212 | | 1.97 | <0.005 | 0.05 | 7.44 | 15.3 | 270 | 1.08 | 0.13 | 4.16 | 0.10 | 45.1 | 24.0 | 88 | 2.89 | 21.5 |
| M763213 | | 2.26 | <0.005 | 0.05 | 5.62 | 48.6 | 360 | 0.71 | 0.15 | 3.73 | 0.09 | 70.9 | 50.4 | 45 | 5.49 | 21.1 |
| M763214 | | 2.06 | <0.005 | 0.04 | 5.22 | 37.1 | 370 | 1.08 | 0.10 | 1.83 | 0.04 | 112.0 | 24.3 | 11 | 2.73 | 19.8 |
| M763215 | | 2.09 | <0.005 | 0.08 | 6.63 | 26.7 | 420 | 1.25 | 0.16 | 4.22 | 0.10 | 134.0 | 34.5 | 3 | 3.79 | 25.4 |
| M763216 | | 1.98 | <0.005 | 0.10 | 6.58 | 27.4 | 410 | 1.26 | 0.07 | 3.78 | 0.07 | 109.5 | 26.1 | 5 | 3.52 | 18.6 |
| M763217 | | 1.96 | <0.005 | 0.07 | 6.48 | 12.2 | 410 | 1.56 | 0.04 | 1.69 | 0.05 | 83.6 | 10.8 | 7 | 1.40 | 21.8 |
| M763218 | | 2.10 | <0.005 | 0.18 | 6.26 | 9.3 | 740 | 2.00 | 0.08 | 1.50 | 0.10 | 101.5 | 10.0 | 9 | 1.42 | 38.1 |
| M763219 | | 2.13 | <0.005 | 0.07 | 6.14 | 10.0 | 1260 | 1.82 | 0.14 | 0.79 | 0.06 | 169.0 | 4.9 | 10 | 0.47 | 36.3 |
| M763220 | | 2.05 | <0.005 | 0.25 | 6.15 | 7.7 | 1360 | 2.03 | 0.28 | 0.92 | 0.12 | 154.5 | 6.7 | 11 | 1.32 | 120.5 |
| M763221 | | 1.81 | <0.005 | 0.25 | 6.30 | 14.9 | 1110 | 2.12 | 0.27 | 0.80 | 0.08 | 163.5 | 4.0 | 7 | 0.47 | 113.5 |
| M763222 | | 1.76 | <0.005 | 0.49 | 6.33 | 18.0 | 990 | 1.95 | 0.44 | 1.04 | 0.19 | 165.0 | 7.3 | 11 | 0.51 | 207 |
| M763223 | | 2.02 | <0.005 | 0.10 | 7.95 | 5.7 | 680 | 1.51 | 0.10 | 4.47 | 0.04 | 84.0 | 26.7 | 6 | 3.76 | 31.1 |
| M763224 | | 0.03 | 3.47 | 0.15 | 1.58 | 1.1 | 150 | 0.35 | 0.15 | 0.01 | 0.14 | 21.5 | 1.1 | 11 | 0.64 | 7.0 |
| M763225 | | 2.06 | <0.005 | 0.08 | 6.80 | 5.4 | 590 | 1.72 | 0.11 | 2.58 | 0.03 | 144.0 | 14.4 | 7 | 1.41 | 39.4 |
| M763226 | | 1.87 | <0.005 | 0.07 | 6.91 | 4.3 | 620 | 1.43 | 0.08 | 2.99 | 0.04 | 98.6 | 15.0 | 8 | 1.53 | 21.8 |
| M763227 | | 2.17 | <0.005 | 0.14 | 7.39 | 3.4 | 460 | 1.31 | 0.25 | 3.54 | 0.04 | 100.0 | 22.6 | 5 | 2.27 | 97.7 |
| M763228 | | 2.00 | <0.005 | 0.13 | 7.09 | 3.3 | 530 | 1.16 | 0.23 | 3.72 | 0.05 | 107.5 | 25.7 | 6 | 2.34 | 44.9 |
| M763229 | | 2.10 | <0.005 | 0.22 | 6.85 | 4.8 | 470 | 1.12 | 0.27 | 4.35 | 0.08 | 106.0 | 23.9 | 7 | 1.98 | 74.6 |
| M763230 | | 2.09 | <0.005 | 0.14 | 6.62 | 8.0 | 540 | 1.28 | 0.30 | 4.04 | 0.07 | 124.5 | 18.0 | 4 | 1.25 | 43.8 |
| M763231 | | 1.94 | <0.005 | 0.18 | 7.54 | 14.3 | 400 | 0.81 | 0.31 | 6.02 | 0.06 | 84.3 | 37.4 | 2 | 2.29 | 32.1 |
| M763232 | | 2.59 | 0.027 | 0.33 | 7.73 | 14.1 | 240 | 0.96 | 0.40 | 4.84 | 0.10 | 104.5 | 25.5 | 4 | 1.02 | 197.5 |
| M763233 | | 2.45 | 0.005 | 0.52 | 7.59 | 14.9 | 190 | 1.25 | 0.34 | 3.52 | 0.08 | 106.5 | 23.5 | 6 | 0.94 | 137.0 |
| M763234 | | 2.39 | 0.014 | 0.38 | 7.64 | 8.6 | 190 | 1.35 | 0.37 | 3.21 | 0.12 | 108.0 | 20.1 | 15 | 0.90 | 190.0 |
| M763235 | | 2.48 | 0.005 | 0.13 | 8.28 | 6.2 | 170 | 0.87 | 0.46 | 6.47 | 0.09 | 114.0 | 25.1 | 3 | 0.62 | 75.9 |
| M763236 | | 2.44 | 0.005 | 0.19 | 7.55 | 9.1 | 200 | 0.52 | 0.52 | 6.77 | 0.09 | 93.1 | 37.5 | 2 | 1.01 | 87.7 |
| M763237 | | 2.73 | 0.005 | 0.41 | 7.64 | 14.3 | 180 | 0.62 | 0.54 | 6.74 | 0.13 | 95.4 | 42.6 | 2 | 0.78 | 109.5 |
| M763238 | | 2.71 | 0.012 | 0.22 | 7.30 | 16.4 | 190 | 0.48 | 0.64 | 7.06 | 0.13 | 80.3 | 46.9 | 3 | 0.71 | 143.5 |
| M763239 | | 2.58 | 0.055 | 0.61 | 7.98 | 26.1 | 150 | 0.54 | 1.42 | 6.61 | 0.14 | 71.2 | 43.1 | 4 | 0.90 | 284 |
| M763240 | | 2.63 | 0.426 | 0.16 | 7.10 | 1635 | 330 | 1.05 | 0.65 | 4.49 | 0.08 | 47.7 | 51.9 | 19 | 5.19 | 144.0 |
| M763241 | | 2.71 | 0.010 | 0.07 | 7.19 | 14.5 | 320 | 0.75 | 0.27 | 5.19 | 0.09 | 50.3 | 40.6 | 2 | 5.51 | 68.4 |
| M763242 | | 2.52 | <0.005 | 0.04 | 7.81 | 13.8 | 310 | 0.79 | 0.22 | 5.40 | 0.08 | 56.6 | 36.0 | 2 | 3.63 | 15.8 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763203 | | 2.02 | 16.15 | 0.20 | 7.3 | 0.010 | 1.07 | 51.2 | 5.0 | 0.14 | 301 | 4.61 | 3.29 | 16.0 | 1.3 | 100 |
| M763204 | | 4.13 | 16.40 | 0.19 | 5.8 | 0.026 | 1.86 | 51.2 | 9.5 | 0.68 | 761 | 3.34 | 2.66 | 12.7 | 4.2 | 1400 |
| M763205 | | 6.88 | 16.60 | 0.20 | 4.0 | 0.045 | 2.32 | 46.0 | 23.8 | 1.41 | 1250 | 2.13 | 1.50 | 10.4 | 3.4 | 2260 |
| M763206 | | 1.84 | 17.55 | 0.18 | 7.9 | 0.019 | 2.55 | 60.3 | 4.2 | 0.06 | 238 | 3.46 | 2.76 | 16.1 | 0.6 | 60 |
| M763207 | | 1.69 | 16.10 | 0.20 | 7.7 | 0.015 | 2.90 | 61.9 | 3.1 | 0.05 | 242 | 4.10 | 2.43 | 15.3 | 0.8 | 50 |
| M763208 | | 4.00 | 17.35 | 0.20 | 6.4 | 0.019 | 2.50 | 52.8 | 12.5 | 0.59 | 566 | 6.40 | 2.44 | 13.6 | 12.3 | 550 |
| M763209 | | 7.77 | 16.80 | 0.17 | 3.2 | 0.029 | 2.94 | 27.9 | 25.1 | 1.57 | 1000 | 1.33 | 1.91 | 8.2 | 22.3 | 2600 |
| M763210 | | 8.19 | 17.80 | 0.18 | 3.4 | 0.058 | 2.02 | 32.1 | 16.3 | 1.64 | 1000 | 1.09 | 2.10 | 9.2 | 41.9 | 1810 |
| M763211 | | 8.30 | 17.80 | 0.16 | 2.4 | 0.063 | 1.88 | 26.3 | 18.3 | 2.02 | 1050 | 0.69 | 2.00 | 7.6 | 49.8 | 1460 |
| M763212 | | 6.83 | 17.65 | 0.14 | 1.9 | 0.047 | 1.65 | 18.0 | 16.8 | 2.27 | 993 | 0.97 | 2.42 | 6.0 | 52.9 | 1830 |
| M763213 | | 13.40 | 16.35 | 0.16 | 2.1 | 0.079 | 2.28 | 28.3 | 22.5 | 3.65 | 2010 | 2.50 | 0.62 | 8.8 | 41.2 | 2190 |
| M763214 | | 9.12 | 16.05 | 0.18 | 5.0 | 0.035 | 1.29 | 52.4 | 11.7 | 1.49 | 1030 | 2.14 | 1.89 | 13.9 | 11.5 | 1010 |
| M763215 | | 8.89 | 17.95 | 0.20 | 2.4 | 0.103 | 1.81 | 59.8 | 16.4 | 1.76 | 1280 | 1.54 | 1.88 | 12.3 | 19.3 | 4710 |
| M763216 | | 7.15 | 18.40 | 0.27 | 4.5 | 0.074 | 1.64 | 53.4 | 16.8 | 1.12 | 953 | 2.24 | 2.51 | 10.2 | 10.1 | 3770 |
| M763217 | | 3.21 | 16.10 | 0.19 | 8.0 | 0.036 | 0.90 | 39.4 | 7.0 | 0.34 | 407 | 1.65 | 3.32 | 13.8 | 4.3 | 910 |
| M763218 | | 3.11 | 16.90 | 0.21 | 7.3 | 0.060 | 1.89 | 48.4 | 9.2 | 0.31 | 428 | 3.13 | 2.68 | 16.1 | 3.5 | 890 |
| M763219 | | 1.54 | 15.35 | 0.26 | 7.4 | 0.029 | 3.13 | 87.6 | 3.2 | 0.06 | 259 | 2.92 | 2.31 | 14.6 | 1.3 | 50 |
| M763220 | | 2.45 | 16.20 | 0.28 | 7.2 | 0.052 | 3.29 | 77.3 | 6.2 | 0.10 | 381 | 3.76 | 2.14 | 16.3 | 1.2 | 90 |
| M763221 | | 1.57 | 16.35 | 0.26 | 7.6 | 0.043 | 3.03 | 84.0 | 3.5 | 0.05 | 258 | 3.97 | 2.56 | 16.7 | 0.9 | 50 |
| M763222 | | 1.72 | 16.50 | 0.26 | 8.3 | 0.051 | 2.44 | 83.9 | 3.6 | 0.07 | 278 | 2.73 | 2.81 | 17.4 | 1.4 | 60 |
| M763223 | | 8.23 | 19.40 | 0.27 | 3.0 | 0.075 | 2.86 | 36.8 | 27.4 | 1.40 | 1200 | 8.37 | 2.41 | 10.2 | 6.2 | 4130 |
| M763224 | | 1.38 | 3.57 | 0.06 | 0.7 | 0.011 | 0.15 | 11.3 | 18.6 | 0.02 | 102 | 0.78 | 0.02 | 3.5 | 5.3 | 50 |
| M763225 | | 4.04 | 16.60 | 0.24 | 7.3 | 0.042 | 1.37 | 71.9 | 10.2 | 0.53 | 551 | 2.48 | 2.94 | 13.4 | 3.0 | 1600 |
| M763226 | | 4.05 | 16.25 | 0.22 | 6.8 | 0.040 | 1.56 | 45.7 | 13.2 | 0.73 | 642 | 3.13 | 3.02 | 13.0 | 2.4 | 1710 |
| M763227 | | 5.76 | 18.20 | 0.25 | 5.7 | 0.067 | 1.71 | 46.3 | 15.8 | 1.14 | 898 | 2.50 | 2.76 | 13.5 | 3.1 | 2540 |
| M763228 | | 7.06 | 16.95 | 0.27 | 4.7 | 0.071 | 1.83 | 53.3 | 17.3 | 1.47 | 1170 | 1.70 | 2.36 | 13.4 | 3.3 | 3400 |
| M763229 | | 7.02 | 17.10 | 0.27 | 4.6 | 0.077 | 1.76 | 51.3 | 16.6 | 1.45 | 1180 | 3.95 | 2.27 | 13.9 | 3.9 | 4560 |
| M763230 | | 5.13 | 16.60 | 0.24 | 5.6 | 0.067 | 1.35 | 58.4 | 9.8 | 1.13 | 918 | 1.24 | 2.65 | 14.1 | 2.9 | 3620 |
| M763231 | | 8.98 | 18.30 | 0.27 | 2.0 | 0.084 | 1.42 | 37.9 | 16.6 | 2.02 | 1400 | 1.08 | 2.12 | 10.1 | 5.6 | 7440 |
| M763232 | | 6.86 | 17.45 | 0.23 | 3.4 | 0.077 | 0.79 | 53.8 | 9.7 | 1.39 | 966 | 1.25 | 2.92 | 8.5 | 4.6 | 4050 |
| M763233 | | 6.39 | 18.50 | 0.23 | 5.4 | 0.063 | 0.58 | 54.3 | 9.3 | 1.08 | 850 | 1.90 | 3.37 | 12.4 | 3.4 | 2470 |
| M763234 | | 5.66 | 19.05 | 0.23 | 6.3 | 0.070 | 0.53 | 54.9 | 7.7 | 0.95 | 631 | 1.40 | 3.51 | 13.4 | 8.1 | 1550 |
| M763235 | | 7.48 | 18.75 | 0.26 | 2.6 | 0.081 | 0.53 | 58.6 | 7.4 | 1.75 | 1260 | 1.05 | 2.98 | 10.3 | 8.1 | 5750 |
| M763236 | | 10.15 | 18.10 | 0.32 | 1.8 | 0.064 | 0.64 | 41.4 | 9.2 | 2.10 | 1420 | 1.11 | 2.18 | 5.5 | 10.4 | >10000 |
| M763237 | | 11.00 | 19.35 | 0.30 | 1.9 | 0.083 | 0.60 | 44.2 | 7.8 | 2.27 | 1580 | 1.19 | 2.34 | 6.2 | 14.8 | 7250 |
| M763238 | | 11.25 | 18.15 | 0.27 | 1.9 | 0.090 | 0.65 | 35.5 | 8.0 | 2.39 | 1560 | 1.14 | 2.08 | 4.4 | 16.3 | 7060 |
| M763239 | | 10.55 | 19.90 | 0.16 | 1.5 | 0.092 | 0.57 | 28.3 | 7.2 | 1.73 | 1480 | 0.80 | 2.25 | 4.0 | 16.2 | 6460 |
| M763240 | | 11.65 | 18.95 | 0.13 | 2.6 | 0.071 | 1.19 | 20.9 | 14.8 | 2.57 | 1880 | 1.91 | 1.90 | 7.9 | 13.9 | 2850 |
| M763241 | | 11.60 | 17.80 | 0.15 | 1.9 | 0.076 | 1.15 | 21.4 | 13.5 | 2.82 | 2030 | 1.70 | 1.67 | 8.2 | 6.2 | 4640 |
| M763242 | | 8.69 | 17.55 | 0.17 | 1.4 | 0.067 | 0.98 | 24.3 | 11.5 | 2.14 | 1500 | 1.24 | 2.26 | 6.7 | 6.6 | 5400 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.5 | 0.1 | 0.002 | 0.01 | 0.05 | 0.1 | 1 | 0.2 | 0.2 | 0.05 | 0.05 | 0.2 | 0.005 | 0.02 | 0.1 |
| M763203 | | 16.0 | 39.6 | <0.002 | 0.08 | 2.24 | 7.8 | 1 | 1.1 | 124.0 | 1.30 | <0.05 | 17.1 | 0.104 | 0.19 | 4.1 |
| M763204 | | 18.2 | 78.7 | <0.002 | 0.05 | 2.65 | 16.9 | 1 | 1.5 | 206 | 1.04 | <0.05 | 12.5 | 0.478 | 0.49 | 3.1 |
| M763205 | | 10.2 | 132.5 | <0.002 | 0.04 | 3.66 | 26.3 | 1 | 2.1 | 182.0 | 0.81 | <0.05 | 9.7 | 0.857 | 0.86 | 2.2 |
| M763206 | | 18.1 | 74.7 | <0.002 | 0.10 | 3.04 | 7.4 | 1 | 1.1 | 115.0 | 1.30 | <0.05 | 17.4 | 0.095 | 0.37 | 4.4 |
| M763207 | | 20.8 | 82.0 | <0.002 | 0.04 | 2.78 | 7.1 | 2 | 1.1 | 107.0 | 1.19 | <0.05 | 16.6 | 0.090 | 0.40 | 4.0 |
| M763208 | | 14.3 | 111.0 | <0.002 | 0.08 | 2.98 | 18.4 | 1 | 1.6 | 118.5 | 1.03 | <0.05 | 12.9 | 0.330 | 0.64 | 3.3 |
| M763209 | | 11.0 | 142.5 | <0.002 | 0.01 | 2.27 | 34.9 | 1 | 1.9 | 230 | 0.65 | <0.05 | 6.4 | 0.876 | 1.05 | 1.8 |
| M763210 | | 12.6 | 123.0 | <0.002 | 0.06 | 4.63 | 46.8 | 1 | 3.2 | 216 | 0.68 | <0.05 | 7.3 | 0.856 | 0.68 | 2.0 |
| M763211 | | 14.5 | 124.0 | <0.002 | 0.01 | 3.81 | 44.1 | 1 | 3.4 | 295 | 0.52 | <0.05 | 5.5 | 0.821 | 0.71 | 1.5 |
| M763212 | | 14.4 | 58.9 | <0.002 | <0.01 | 3.31 | 29.6 | <1 | 2.0 | 362 | 0.43 | <0.05 | 3.0 | 0.627 | 0.62 | 0.9 |
| M763213 | | 5.4 | 157.5 | <0.002 | 0.07 | 2.80 | 45.7 | 1 | 3.4 | 89.4 | 0.61 | <0.05 | 4.4 | 1.940 | 0.89 | 1.4 |
| M763214 | | 10.2 | 89.4 | <0.002 | 0.08 | 3.04 | 25.7 | 2 | 1.7 | 130.5 | 1.10 | <0.05 | 11.7 | 1.465 | 0.50 | 2.9 |
| M763215 | | 12.6 | 125.5 | 0.002 | 0.11 | 3.81 | 39.6 | 1 | 3.6 | 246 | 0.72 | <0.05 | 6.4 | 1.550 | 0.67 | 2.1 |
| M763216 | | 13.9 | 95.9 | 0.002 | 0.06 | 2.99 | 29.3 | 3 | 3.0 | 240 | 0.75 | <0.05 | 9.1 | 0.889 | 0.61 | 2.2 |
| M763217 | | 13.1 | 45.2 | <0.002 | 0.07 | 3.04 | 12.7 | 2 | 1.8 | 177.0 | 1.15 | <0.05 | 14.7 | 0.331 | 0.26 | 4.2 |
| M763218 | | 10.6 | 74.9 | <0.002 | 0.05 | 3.43 | 10.3 | 2 | 2.6 | 148.0 | 1.21 | <0.05 | 15.3 | 0.213 | 0.46 | 4.3 |
| M763219 | | 21.5 | 80.9 | <0.002 | 0.06 | 4.88 | 5.9 | 1 | 1.2 | 136.5 | 1.19 | <0.05 | 17.8 | 0.078 | 0.44 | 4.5 |
| M763220 | | 20.7 | 96.8 | 0.002 | 0.11 | 4.49 | 7.2 | 2 | 2.2 | 124.0 | 1.19 | <0.05 | 16.1 | 0.102 | 0.55 | 4.7 |
| M763221 | | 19.9 | 78.3 | 0.002 | 0.09 | 4.74 | 6.1 | 2 | 1.6 | 141.0 | 1.28 | <0.05 | 18.3 | 0.084 | 0.44 | 4.6 |
| M763222 | | 17.2 | 64.8 | 0.002 | 0.11 | 4.71 | 6.3 | 2 | 2.1 | 154.5 | 1.35 | <0.05 | 18.4 | 0.093 | 0.34 | 4.7 |
| M763223 | | 9.6 | 135.0 | 0.004 | 0.06 | 3.58 | 31.9 | 3 | 4.1 | 288 | 0.61 | <0.05 | 5.7 | 1.230 | 0.91 | 1.7 |
| M763224 | | 29.1 | 13.9 | <0.002 | 1.03 | 1.16 | 1.3 | 1 | 1.4 | 14.2 | 0.29 | <0.05 | 3.7 | 0.080 | 0.47 | 0.5 |
| M763225 | | 11.5 | 59.9 | 0.002 | 0.10 | 2.78 | 15.8 | 2 | 2.4 | 217 | 1.03 | <0.05 | 14.0 | 0.431 | 0.36 | 3.5 |
| M763226 | | 9.0 | 63.6 | 0.002 | 0.05 | 2.68 | 17.3 | 2 | 1.9 | 232 | 0.98 | <0.05 | 10.9 | 0.560 | 0.38 | 2.9 |
| M763227 | | 11.0 | 75.9 | 0.002 | 0.09 | 2.83 | 23.6 | 3 | 2.6 | 322 | 0.94 | <0.05 | 9.7 | 0.907 | 0.49 | 2.7 |
| M763228 | | 9.4 | 85.9 | 0.002 | 0.04 | 2.58 | 34.8 | 4 | 2.1 | 258 | 0.92 | <0.05 | 9.2 | 1.365 | 0.48 | 2.4 |
| M763229 | | 8.9 | 80.6 | 0.002 | 0.04 | 2.41 | 38.7 | 3 | 1.8 | 257 | 0.93 | <0.05 | 8.9 | 1.165 | 0.46 | 2.5 |
| M763230 | | 10.3 | 51.6 | <0.002 | 0.03 | 2.37 | 30.3 | 3 | 1.7 | 223 | 0.95 | <0.05 | 10.6 | 0.692 | 0.29 | 2.5 |
| M763231 | | 7.9 | 86.2 | 0.002 | 0.01 | 1.88 | 48.1 | 4 | 3.1 | 339 | 0.60 | <0.05 | 4.0 | 1.465 | 0.47 | 1.3 |
| M763232 | | 12.7 | 41.2 | 0.002 | 0.04 | 2.44 | 33.5 | 2 | 2.9 | 340 | 0.69 | <0.05 | 8.4 | 0.844 | 0.24 | 1.8 |
| M763233 | | 12.2 | 26.8 | 0.002 | 0.03 | 1.82 | 25.6 | 3 | 2.0 | 316 | 0.85 | <0.05 | 7.8 | 0.910 | 0.20 | 1.8 |
| M763234 | | 14.4 | 26.7 | 0.002 | 0.06 | 1.32 | 22.4 | 2 | 2.2 | 330 | 0.89 | <0.05 | 9.1 | 0.499 | 0.20 | 1.8 |
| M763235 | | 11.0 | 29.6 | 0.002 | 0.02 | 1.65 | 40.3 | 3 | 2.3 | 409 | 0.57 | <0.05 | 4.5 | 1.155 | 0.17 | 1.3 |
| M763236 | | 8.3 | 35.5 | 0.002 | 0.02 | 1.53 | 47.1 | 4 | 1.2 | 378 | 0.36 | <0.05 | 3.6 | 1.485 | 0.21 | 1.2 |
| M763237 | | 9.7 | 33.1 | 0.003 | 0.06 | 1.98 | 70.3 | 4 | 1.6 | 391 | 0.34 | <0.05 | 2.9 | 1.680 | 0.19 | 1.0 |
| M763238 | | 9.9 | 32.7 | 0.003 | 0.06 | 3.11 | 75.3 | 4 | 1.4 | 377 | 0.29 | <0.05 | 3.1 | 1.685 | 0.17 | 0.9 |
| M763239 | | 10.7 | 28.4 | 0.003 | 0.06 | 2.29 | 59.8 | 1 | 1.4 | 536 | 0.28 | <0.05 | 2.9 | 1.715 | 0.12 | 0.8 |
| M763240 | | 7.0 | 75.4 | 0.004 | 0.55 | 4.64 | 52.4 | <1 | 1.8 | 266 | 0.58 | <0.05 | 4.0 | 2.47 | 0.56 | 1.0 |
| M763241 | | 4.9 | 74.8 | 0.003 | 0.24 | 1.72 | 55.7 | <1 | 1.6 | 217 | 0.69 | <0.05 | 2.8 | 2.57 | 0.39 | 0.8 |
| M763242 | | 7.7 | 61.4 | 0.002 | 0.04 | 1.38 | 44.0 | <1 | 2.1 | 303 | 0.55 | <0.05 | 3.1 | 1.565 | 0.31 | 0.8 |

***** 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: 23-APR-2012**
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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|
| M763203 | | 3 | 1.0 | 26.9 | 32 | 259 |
| M763204 | | 32 | 1.1 | 26.9 | 47 | 209 |
| M763205 | | 60 | 2.2 | 25.5 | 63 | 153.0 |
| M763206 | | 1 | 1.1 | 24.8 | 43 | 290 |
| M763207 | | 1 | 1.0 | 24.5 | 29 | 283 |
| M763208 | | 43 | 1.3 | 24.0 | 49 | 244 |
| M763209 | | 147 | 7.6 | 22.5 | 62 | 119.0 |
| M763210 | | 185 | 2.2 | 30.7 | 51 | 134.0 |
| M763211 | | 164 | 2.5 | 24.7 | 53 | 92.5 |
| M763212 | | 84 | 1.0 | 18.0 | 57 | 76.6 |
| M763213 | | 183 | 2.8 | 28.2 | 114 | 81.4 |
| M763214 | | 125 | 1.1 | 27.8 | 83 | 175.5 |
| M763215 | | 122 | 1.6 | 41.4 | 114 | 87.1 |
| M763216 | | 87 | 3.1 | 35.5 | 106 | 163.5 |
| M763217 | | 31 | 1.0 | 24.6 | 50 | 286 |
| M763218 | | 28 | 1.3 | 31.7 | 52 | 248 |
| M763219 | | 2 | 0.7 | 26.9 | 35 | 242 |
| M763220 | | 1 | 1.0 | 31.6 | 56 | 237 |
| M763221 | | 1 | 0.7 | 29.9 | 35 | 254 |
| M763222 | | 3 | 0.8 | 32.3 | 46 | 264 |
| M763223 | | 119 | 1.6 | 35.7 | 97 | 106.5 |
| M763224 | | 8 | 0.9 | 2.8 | 14 | 20.5 |
| M763225 | | 33 | 1.6 | 26.7 | 38 | 262 |
| M763226 | | 35 | 0.8 | 24.6 | 44 | 250 |
| M763227 | | 59 | 1.0 | 32.7 | 56 | 214 |
| M763228 | | 82 | 1.4 | 31.5 | 68 | 176.0 |
| M763229 | | 100 | 1.2 | 35.6 | 68 | 174.5 |
| M763230 | | 50 | 0.8 | 35.7 | 47 | 211 |
| M763231 | | 115 | 1.2 | 39.4 | 69 | 76.4 |
| M763232 | | 91 | 1.0 | 26.4 | 49 | 131.0 |
| M763233 | | 63 | 1.1 | 25.5 | 42 | 237 |
| M763234 | | 57 | 0.5 | 27.9 | 39 | 242 |
| M763235 | | 165 | 1.0 | 38.8 | 57 | 99.5 |
| M763236 | | 222 | 1.0 | 36.9 | 68 | 68.9 |
| M763237 | | 284 | 1.0 | 41.3 | 77 | 73.6 |
| M763238 | | 294 | 1.7 | 34.2 | 90 | 70.1 |
| M763239 | | 290 | 2.0 | 28.3 | 81 | 58.5 |
| M763240 | | 231 | 14.5 | 19.4 | 104 | 100.5 |
| M763241 | | 225 | 12.3 | 20.4 | 113 | 69.4 |
| M763242 | | 145 | 6.9 | 23.0 | 104 | 49.2 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763243 | | 2.64 | <0.005 | 0.06 | 7.06 | 7.8 | 220 | 0.51 | 0.29 | 6.18 | 0.09 | 75.3 | 37.8 | 3 | 2.55 | 18.0 |
| M763244 | | 2.66 | <0.005 | 0.10 | 7.19 | 11.9 | 230 | 0.61 | 0.38 | 6.38 | 0.12 | 90.6 | 42.0 | 2 | 1.94 | 41.4 |
| M763245 | | 2.65 | 0.006 | 0.13 | 6.99 | 7.4 | 190 | 0.49 | 0.44 | 5.90 | 0.13 | 54.4 | 41.2 | 3 | 1.05 | 116.0 |
| M763246 | | 2.71 | <0.005 | 0.11 | 7.52 | 7.8 | 180 | 0.58 | 0.35 | 5.74 | 0.17 | 37.0 | 35.9 | 4 | 0.89 | 49.2 |
| M763247 | | 2.39 | <0.005 | 0.09 | 7.50 | 14.8 | 140 | 0.91 | 0.26 | 4.71 | 0.11 | 33.8 | 23.9 | 6 | 0.58 | 21.2 |
| M763248 | | 2.60 | <0.005 | 0.11 | 8.54 | 6.4 | 130 | 0.53 | 0.70 | 6.62 | 0.16 | 33.6 | 27.8 | 6 | 0.60 | 44.5 |
| M763249 | | 2.66 | <0.005 | 0.11 | 8.48 | 17.8 | 220 | 0.77 | 0.31 | 4.27 | 0.09 | 38.6 | 43.0 | 13 | 2.18 | 75.3 |
| M763250 | | 0.04 | NSS | 0.53 | 8.02 | 3.5 | 180 | 2.21 | 0.08 | 1.07 | 0.49 | 20.1 | 10.8 | 36 | 1.58 | 18.3 |
| M763251 | | 3.04 | <0.005 | 0.10 | 3.79 | 6.9 | 150 | 0.49 | 0.21 | 2.90 | 0.11 | 40.3 | 75.3 | 3 | 3.66 | 35.9 |
| M763252 | | 2.35 | <0.005 | 0.12 | 5.45 | 7.0 | 490 | 0.73 | 0.31 | 4.34 | 0.09 | 70.4 | 62.3 | 2 | 4.82 | 88.0 |
| M763253 | | 1.80 | <0.005 | 0.08 | 6.42 | 3.6 | 580 | 1.80 | 0.16 | 1.35 | 0.04 | 120.0 | 4.5 | 6 | 0.48 | 23.8 |
| M763254 | | 2.16 | <0.005 | 0.07 | 6.82 | 8.0 | 490 | 0.82 | 0.19 | 5.15 | 0.07 | 94.9 | 31.7 | 4 | 3.00 | 23.2 |
| M763255 | | 1.96 | <0.005 | 0.18 | 7.59 | 6.3 | 240 | 0.51 | 0.27 | 6.97 | 0.13 | 68.6 | 35.6 | 4 | 1.53 | 44.0 |
| M763256 | | 2.10 | <0.005 | 0.15 | 7.78 | 24.2 | 340 | 0.88 | 0.22 | 5.14 | 0.13 | 53.4 | 32.7 | 8 | 1.67 | 49.8 |
| M763257 | | 2.00 | 0.007 | 0.23 | 6.41 | 33.8 | 400 | 1.67 | 0.25 | 1.41 | 0.08 | 132.0 | 6.8 | 7 | 0.41 | 91.8 |
| M763258 | | 1.94 | <0.005 | 0.14 | 6.29 | 28.0 | 640 | 1.68 | 0.14 | 0.91 | 0.07 | 120.0 | 3.7 | 8 | 0.28 | 40.4 |
| M763259 | | 1.63 | <0.005 | 0.12 | 6.36 | 42.5 | 640 | 1.63 | 0.09 | 0.89 | 0.09 | 109.0 | 3.5 | 11 | 0.29 | 15.7 |
| M763260 | | 1.31 | 0.997 | 0.08 | 6.97 | 1945 | 1210 | 2.27 | 0.24 | 1.12 | 0.02 | 142.5 | 9.1 | 5 | 0.35 | 39.4 |
| M763261 | | 1.44 | 0.555 | 0.14 | 6.23 | 283 | 1130 | 1.67 | 0.14 | 0.73 | 0.08 | 82.4 | 7.4 | 6 | 0.31 | 81.9 |
| M763262 | | 1.35 | 2.29 | 0.17 | 6.30 | 2950 | 1010 | 2.00 | 0.53 | 0.60 | 0.02 | 73.8 | 10.8 | 5 | 0.23 | 121.0 |
| M763263 | | 1.22 | 1.080 | 0.14 | 6.27 | 469 | 660 | 2.17 | 0.18 | 1.06 | 0.05 | 85.4 | 6.6 | 5 | 0.19 | 132.5 |
| M763264 | | 1.02 | 0.793 | 0.11 | 6.01 | 793 | 750 | 2.07 | 0.22 | 1.04 | 0.07 | 63.3 | 4.0 | 7 | 0.21 | 15.4 |
| M763265 | | 1.83 | <0.005 | 0.08 | 6.31 | 24.6 | 990 | 1.91 | 0.06 | 1.03 | 0.06 | 114.0 | 3.5 | 6 | 0.25 | 13.7 |
| M763266 | | 1.78 | <0.005 | 0.05 | 6.21 | 15.9 | 740 | 1.93 | 0.05 | 1.16 | 0.09 | 115.5 | 5.2 | 9 | 0.28 | 13.3 |
| M763267 | | 2.05 | <0.005 | 0.07 | 6.57 | 16.5 | 640 | 2.15 | 0.05 | 1.07 | 0.03 | 158.0 | 3.8 | 6 | 0.26 | 1.7 |
| M763268 | | 2.23 | <0.005 | 0.03 | 6.22 | 16.1 | 540 | 2.21 | 0.05 | 1.00 | 0.05 | 176.5 | 4.3 | 8 | 0.35 | 2.2 |
| M763269 | | 2.24 | <0.005 | 0.01 | 6.37 | 12.4 | 540 | 1.80 | 0.06 | 1.65 | 0.03 | 112.0 | 11.0 | 7 | 1.00 | 6.0 |
| M763270 | | 2.10 | 0.011 | 0.05 | 6.31 | 18.1 | 440 | 1.91 | 0.14 | 1.30 | 0.06 | 105.0 | 4.6 | 7 | 0.32 | 25.1 |
| M763271 | | 2.36 | <0.005 | 0.02 | 6.55 | 14.1 | 580 | 1.79 | 0.24 | 1.38 | 0.07 | 120.5 | 4.2 | 7 | 0.24 | 25.9 |
| M763272 | | 2.13 | <0.005 | 0.20 | 6.12 | 16.5 | 480 | 1.68 | 0.35 | 1.20 | 0.08 | 112.5 | 4.9 | 10 | 0.30 | 34.8 |
| M763273 | | 2.41 | <0.005 | 0.17 | 6.95 | 36.0 | 480 | 1.40 | 0.11 | 2.03 | 0.08 | 96.7 | 11.0 | 10 | 1.16 | 48.8 |
| M763274 | | 2.38 | <0.005 | 0.13 | 8.63 | 38.0 | 260 | 0.67 | 0.15 | 5.89 | 0.11 | 50.6 | 46.2 | 3 | 2.30 | 21.0 |
| M763275 | | 0.07 | <0.005 | 0.08 | 6.67 | 1.7 | 940 | 1.06 | 0.09 | 1.38 | 0.09 | 30.2 | 2.2 | 13 | 1.77 | 4.3 |
| M763276 | | 2.52 | <0.005 | 0.17 | 7.04 | 14.0 | 120 | 0.54 | 0.14 | 7.18 | 0.10 | 55.4 | 42.2 | 3 | 0.59 | 30.2 |
| M763277 | | 2.44 | <0.005 | 0.12 | 6.93 | 14.4 | 90 | 0.50 | 0.11 | 6.60 | 0.11 | 57.3 | 36.1 | 4 | 0.49 | 21.5 |
| M763278 | | 2.47 | <0.005 | 0.10 | 8.83 | 20.2 | 170 | 0.56 | 0.17 | 6.05 | 0.11 | 41.6 | 35.6 | 3 | 1.03 | 8.2 |
| M763279 | | 2.42 | <0.005 | 0.10 | 8.19 | 15.8 | 210 | 0.54 | 0.14 | 6.72 | 0.14 | 58.5 | 36.3 | 2 | 1.47 | 26.6 |
| M763280 | | 2.06 | <0.005 | 0.09 | 7.13 | 13.1 | 280 | 0.60 | 0.15 | 6.43 | 0.09 | 73.3 | 39.8 | 3 | 3.65 | 3.9 |
| M763281 | | 2.05 | <0.005 | 0.11 | 8.34 | 10.7 | 190 | 0.77 | 0.15 | 6.49 | 0.08 | 66.0 | 36.8 | 26 | 2.10 | 18.6 |
| M763282 | | 2.41 | <0.005 | 0.11 | 9.25 | 13.4 | 220 | 0.78 | 0.08 | 5.33 | 0.08 | 36.1 | 28.7 | 69 | 1.52 | 9.7 |

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


**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763243 | | 9.94 | 17.40 | 0.17 | 1.5 | 0.064 | 0.83 | 33.4 | 9.5 | 2.38 | 1460 | 0.85 | 1.91 | 4.0 | 11.8 | 7970 |
| M763244 | | 9.95 | 18.40 | 0.22 | 1.8 | 0.078 | 0.80 | 39.8 | 9.8 | 2.38 | 1520 | 1.99 | 2.01 | 4.6 | 14.2 | 8530 |
| M763245 | | 10.25 | 17.50 | 0.14 | 1.8 | 0.074 | 0.60 | 24.5 | 8.0 | 2.23 | 1680 | 1.17 | 1.91 | 3.7 | 16.2 | 4130 |
| M763246 | | 10.25 | 19.05 | 0.12 | 2.1 | 0.063 | 0.50 | 15.9 | 7.0 | 2.07 | 1680 | 0.68 | 2.18 | 4.3 | 19.7 | 1430 |
| M763247 | | 7.39 | 17.50 | 0.13 | 3.2 | 0.053 | 0.34 | 14.5 | 5.9 | 1.41 | 1240 | 4.69 | 2.64 | 5.1 | 13.7 | 700 |
| M763248 | | 9.23 | 20.4 | 0.12 | 1.9 | 0.071 | 0.39 | 14.8 | 6.0 | 1.75 | 1590 | 1.05 | 2.28 | 4.0 | 18.8 | 1370 |
| M763249 | | 9.14 | 20.0 | 0.11 | 2.3 | 0.048 | 0.67 | 17.2 | 8.2 | 1.58 | 1400 | 0.95 | 2.89 | 4.8 | 17.6 | 1930 |
| M763250 | | 4.44 | 20.9 | 0.14 | 1.5 | 0.007 | 2.23 | 9.5 | 2.2 | 0.92 | 266 | 2.15 | 4.56 | 9.9 | 42.9 | 640 |
| M763251 | | 18.70 | 14.75 | 0.14 | 2.0 | 0.061 | 1.08 | 16.8 | 9.0 | 4.68 | 2980 | 1.40 | 0.62 | 9.8 | 3.9 | 2310 |
| M763252 | | 14.35 | 18.10 | 0.16 | 2.4 | 0.077 | 2.00 | 27.9 | 15.7 | 3.63 | 2780 | 0.80 | 0.81 | 17.8 | 15.0 | 4200 |
| M763253 | | 1.91 | 16.95 | 0.20 | 9.4 | 0.048 | 0.75 | 58.3 | 4.9 | 0.15 | 438 | 2.58 | 3.45 | 13.9 | 1.4 | 190 |
| M763254 | | 8.21 | 17.20 | 0.17 | 3.1 | 0.037 | 2.02 | 43.1 | 18.2 | 1.82 | 1380 | 1.01 | 1.84 | 6.2 | 13.4 | 7560 |
| M763255 | | 9.94 | 17.35 | 0.18 | 1.9 | 0.042 | 1.10 | 30.5 | 10.1 | 2.21 | 1640 | 0.81 | 1.91 | 2.9 | 19.4 | 7150 |
| M763256 | | 8.83 | 18.05 | 0.16 | 2.8 | 0.053 | 1.32 | 27.7 | 11.2 | 1.91 | 1460 | 2.03 | 2.32 | 5.6 | 22.2 | 1260 |
| M763257 | | 1.87 | 16.10 | 0.17 | 8.2 | 0.036 | 0.63 | 69.7 | 4.9 | 0.18 | 300 | 1.54 | 3.56 | 12.8 | 2.3 | 460 |
| M763258 | | 1.46 | 17.05 | 0.17 | 7.1 | 0.023 | 1.12 | 58.8 | 3.4 | 0.06 | 226 | 1.60 | 3.59 | 13.8 | 1.4 | 90 |
| M763259 | | 1.49 | 16.45 | 0.16 | 7.8 | 0.024 | 1.09 | 56.3 | 3.4 | 0.06 | 238 | 1.32 | 3.62 | 12.8 | 1.3 | 90 |
| M763260 | | 1.66 | 18.95 | 0.23 | 9.2 | 0.053 | 2.11 | 74.9 | 5.3 | 0.10 | 244 | 4.78 | 2.92 | 13.1 | 1.3 | 80 |
| M763261 | | 1.60 | 17.20 | 0.16 | 7.7 | 0.069 | 2.83 | 44.6 | 4.1 | 0.09 | 210 | 3.70 | 2.38 | 11.3 | 2.1 | 100 |
| M763262 | | 2.13 | 18.45 | 0.17 | 7.5 | 0.070 | 2.58 | 40.2 | 9.0 | 0.12 | 146 | 1.26 | 1.39 | 13.5 | 2.1 | 230 |
| M763263 | | 1.75 | 17.05 | 0.16 | 7.6 | 0.038 | 1.48 | 46.8 | 4.9 | 0.08 | 217 | 1.22 | 2.92 | 13.5 | 1.6 | 150 |
| M763264 | | 1.03 | 15.75 | 0.13 | 7.0 | 0.026 | 1.41 | 36.2 | 3.2 | 0.06 | 198 | 0.88 | 3.17 | 11.9 | 1.8 | 100 |
| M763265 | | 1.44 | 16.00 | 0.19 | 7.9 | 0.026 | 1.47 | 56.7 | 3.5 | 0.05 | 214 | 1.39 | 3.38 | 13.7 | 1.6 | 90 |
| M763266 | | 1.58 | 15.60 | 0.19 | 7.6 | 0.038 | 1.33 | 56.6 | 3.7 | 0.06 | 271 | 2.23 | 3.40 | 14.7 | 2.5 | 90 |
| M763267 | | 1.72 | 16.70 | 0.23 | 7.6 | 0.029 | 0.92 | 82.1 | 3.7 | 0.07 | 197 | 0.99 | 3.85 | 13.0 | 1.9 | 110 |
| M763268 | | 1.74 | 15.50 | 0.23 | 7.9 | 0.039 | 0.71 | 93.5 | 4.1 | 0.12 | 221 | 1.17 | 3.71 | 13.2 | 2.4 | 190 |
| M763269 | | 3.25 | 15.95 | 0.23 | 7.6 | 0.047 | 1.21 | 57.3 | 8.0 | 0.44 | 521 | 1.05 | 3.31 | 13.7 | 3.2 | 730 |
| M763270 | | 1.65 | 15.45 | 0.19 | 7.3 | 0.063 | 0.75 | 51.7 | 3.1 | 0.12 | 290 | 3.55 | 3.75 | 12.2 | 1.7 | 90 |
| M763271 | | 1.66 | 15.35 | 0.14 | 7.8 | 0.063 | 1.06 | 60.7 | 3.7 | 0.06 | 365 | 1.76 | 3.58 | 14.1 | 2.0 | 100 |
| M763272 | | 1.62 | 15.80 | 0.19 | 7.0 | 0.043 | 0.76 | 56.7 | 3.6 | 0.06 | 336 | 4.85 | 3.54 | 14.1 | 2.1 | 90 |
| M763273 | | 3.31 | 17.10 | 0.19 | 5.6 | 0.069 | 1.01 | 48.6 | 7.5 | 0.43 | 548 | 3.34 | 3.39 | 11.5 | 5.2 | 430 |
| M763274 | | 9.07 | 18.20 | 0.23 | 1.5 | 0.097 | 1.13 | 21.6 | 11.4 | 2.06 | 1630 | 0.93 | 2.45 | 7.9 | 15.2 | 5230 |
| M763275 | | 1.49 | 13.45 | 0.14 | 1.1 | 0.017 | 2.21 | 14.4 | 10.9 | 0.20 | 570 | 1.00 | 2.70 | 4.7 | 2.3 | 190 |
| M763276 | | 11.10 | 16.10 | 0.23 | 1.7 | 0.109 | 0.42 | 23.6 | 7.0 | 2.56 | 2020 | 1.25 | 1.93 | 9.7 | 19.7 | 6420 |
| M763277 | | 10.55 | 15.55 | 0.23 | 1.7 | 0.081 | 0.36 | 25.4 | 6.2 | 2.48 | 1780 | 1.65 | 1.97 | 8.5 | 18.7 | 6630 |
| M763278 | | 9.33 | 19.60 | 0.21 | 1.2 | 0.099 | 0.57 | 18.2 | 8.2 | 1.87 | 1490 | 12.20 | 2.79 | 6.1 | 18.2 | 4300 |
| M763279 | | 9.62 | 17.45 | 0.21 | 1.5 | 0.060 | 0.62 | 25.8 | 8.4 | 1.97 | 1530 | 0.90 | 2.38 | 5.3 | 20.8 | 6600 |
| M763280 | | 10.40 | 16.15 | 0.25 | 1.5 | 0.081 | 1.14 | 32.3 | 11.5 | 2.75 | 1700 | 1.95 | 1.86 | 5.1 | 28.8 | 9050 |
| M763281 | | 10.05 | 18.60 | 0.22 | 1.8 | 0.088 | 0.74 | 28.1 | 9.6 | 2.31 | 1790 | 1.19 | 2.44 | 9.0 | 37.7 | 6610 |
| M763282 | | 7.33 | 19.70 | 0.17 | 1.8 | 0.062 | 0.62 | 14.1 | 8.3 | 1.65 | 1000 | 0.75 | 2.99 | 11.7 | 38.0 | 1860 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl | U |
| | Units | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm |
| | LOR | 0.5 | 0.1 | 0.002 | 0.01 | 0.05 | 0.1 | 1 | 0.2 | 0.2 | 0.05 | 0.05 | 0.2 | 0.005 | 0.02 | 0.1 |
| M763243 | | 6.4 | 45.8 | 0.002 | 0.01 | 1.45 | 51.3 | 1 | 1.9 | 331 | 0.28 | <0.05 | 2.9 | 1.355 | 0.25 | 0.8 |
| M763244 | | 7.7 | 43.2 | 0.005 | 0.01 | 1.67 | 50.3 | 1 | 2.4 | 376 | 0.33 | <0.05 | 3.4 | 1.370 | 0.23 | 1.0 |
| M763245 | | 7.9 | 27.7 | 0.004 | 0.05 | 1.44 | 54.6 | <1 | 1.9 | 294 | 0.29 | <0.05 | 3.3 | 1.365 | 0.14 | 0.8 |
| M763246 | | 11.1 | 23.8 | <0.002 | 0.07 | 1.83 | 57.7 | <1 | 1.6 | 343 | 0.31 | <0.05 | 3.4 | 1.520 | 0.10 | 0.8 |
| M763247 | | 12.8 | 12.6 | 0.007 | 0.03 | 1.56 | 37.9 | <1 | 1.6 | 386 | 0.55 | <0.05 | 8.3 | 1.125 | 0.05 | 1.2 |
| M763248 | | 14.6 | 16.8 | 0.003 | 0.05 | 2.08 | 45.0 | <1 | 1.7 | 535 | 0.29 | <0.05 | 3.2 | 1.540 | 0.05 | 0.7 |
| M763249 | | 12.5 | 37.6 | 0.002 | 0.15 | 1.53 | 27.2 | <1 | 1.5 | 418 | 0.41 | <0.05 | 4.7 | 1.590 | 0.18 | 1.1 |
| M763250 | | 92.6 | 222 | 0.002 | 3.12 | 1.08 | 3.7 | <1 | 1.2 | 176.0 | 0.77 | <0.05 | 2.8 | 0.259 | 1.98 | 1.0 |
| M763251 | | 3.6 | 52.6 | 0.004 | 0.08 | 1.56 | 54.3 | <1 | 1.4 | 34.6 | 0.73 | <0.05 | 2.9 | 3.25 | 0.33 | 0.8 |
| M763252 | | 5.1 | 103.5 | 0.002 | 0.21 | 1.55 | 65.1 | 1 | 2.0 | 85.2 | 1.17 | <0.05 | 3.4 | 3.02 | 0.71 | 1.1 |
| M763253 | | 11.4 | 31.4 | 0.003 | 0.07 | 0.63 | 9.1 | <1 | 1.5 | 201 | 1.10 | <0.05 | 14.9 | 0.190 | 0.08 | 3.2 |
| M763254 | | 12.0 | 92.8 | 0.003 | 0.06 | 0.83 | 40.2 | 1 | 1.6 | 229 | 0.49 | <0.05 | 5.9 | 1.100 | 0.53 | 1.5 |
| M763255 | | 11.4 | 49.4 | 0.003 | 0.07 | 1.28 | 54.7 | 1 | 1.2 | 336 | 0.22 | <0.05 | 2.8 | 1.420 | 0.24 | 0.8 |
| M763256 | | 11.3 | 58.3 | 0.004 | 0.10 | 1.37 | 49.8 | 1 | 1.7 | 263 | 0.44 | <0.05 | 5.2 | 1.260 | 0.28 | 1.3 |
| M763257 | | 13.7 | 27.1 | 0.002 | 0.12 | 1.06 | 10.0 | 1 | 1.4 | 136.5 | 1.13 | <0.05 | 16.5 | 0.110 | 0.06 | 3.8 |
| M763258 | | 17.5 | 30.1 | 0.002 | 0.09 | 1.64 | 7.9 | <1 | 1.2 | 139.5 | 1.09 | <0.05 | 16.5 | 0.110 | 0.05 | 3.9 |
| M763259 | | 15.3 | 30.9 | 0.003 | 0.05 | 1.72 | 7.7 | <1 | 1.1 | 181.0 | 1.11 | <0.05 | 16.0 | 0.116 | 0.04 | 3.9 |
| M763260 | | 16.1 | 54.1 | 0.002 | 0.33 | 2.94 | 8.3 | <1 | 1.6 | 122.0 | 1.32 | <0.05 | 20.4 | 0.116 | 0.09 | 5.0 |
| M763261 | | 16.8 | 65.7 | 0.003 | 0.36 | 0.99 | 6.9 | <1 | 1.7 | 77.0 | 1.10 | <0.05 | 16.1 | 0.107 | 0.13 | 3.5 |
| M763262 | | 10.0 | 64.3 | 0.002 | 0.66 | 3.61 | 11.3 | <1 | 2.1 | 54.3 | 1.22 | <0.05 | 17.1 | 0.114 | 0.10 | 4.4 |
| M763263 | | 9.8 | 33.7 | <0.002 | 0.53 | 1.94 | 10.5 | 1 | 1.1 | 108.0 | 1.38 | <0.05 | 17.3 | 0.105 | 0.11 | 4.2 |
| M763264 | | 10.7 | 27.6 | <0.002 | 0.11 | 2.48 | 6.5 | 1 | 0.7 | 166.5 | 1.17 | <0.05 | 12.8 | 0.109 | 0.10 | 3.2 |
| M763265 | | 12.2 | 30.7 | <0.002 | 0.05 | 2.21 | 7.6 | 1 | 0.8 | 199.5 | 1.24 | <0.05 | 15.9 | 0.106 | 0.10 | 4.0 |
| M763266 | | 14.6 | 30.4 | <0.002 | 0.04 | 1.81 | 8.6 | 1 | 0.9 | 155.0 | 1.20 | <0.05 | 15.3 | 0.110 | 0.11 | 3.5 |
| M763267 | | 10.7 | 22.0 | <0.002 | <0.01 | 2.27 | 9.5 | 1 | 1.0 | 209 | 1.16 | <0.05 | 17.6 | 0.113 | 0.08 | 3.5 |
| M763268 | | 8.7 | 20.0 | <0.002 | <0.01 | 1.81 | 9.6 | 1 | 1.2 | 194.5 | 1.25 | <0.05 | 19.5 | 0.116 | 0.09 | 3.8 |
| M763269 | | 7.0 | 43.3 | <0.002 | 0.01 | 1.63 | 14.9 | 1 | 1.4 | 181.0 | 1.18 | <0.05 | 15.7 | 0.415 | 0.23 | 3.7 |
| M763270 | | 9.7 | 21.6 | <0.002 | 0.09 | 1.58 | 9.2 | 1 | 1.7 | 168.5 | 1.00 | <0.05 | 13.7 | 0.116 | 0.10 | 2.8 |
| M763271 | | 6.4 | 27.3 | <0.002 | 0.11 | 1.56 | 8.9 | 1 | 1.8 | 160.5 | 1.14 | <0.05 | 14.9 | 0.120 | 0.12 | 2.5 |
| M763272 | | 8.0 | 23.6 | 0.002 | 0.04 | 1.49 | 8.3 | 1 | 1.4 | 144.0 | 1.15 | <0.05 | 14.1 | 0.113 | 0.12 | 2.8 |
| M763273 | | 8.6 | 37.0 | <0.002 | 0.04 | 1.40 | 18.9 | 1 | 1.7 | 179.5 | 0.89 | <0.05 | 12.0 | 0.399 | 0.19 | 2.4 |
| M763274 | | 7.3 | 45.1 | 0.002 | 0.02 | 1.75 | 61.3 | 3 | 2.9 | 385 | 0.58 | <0.05 | 2.7 | 1.930 | 0.27 | 0.8 |
| M763275 | | 12.4 | 60.5 | <0.002 | <0.01 | 0.23 | 5.6 | 1 | 1.6 | 181.5 | 0.47 | <0.05 | 6.0 | 0.116 | 0.41 | 2.3 |
| M763276 | | 7.7 | 14.4 | 0.003 | 0.02 | 2.17 | 90.3 | 3 | 2.6 | 314 | 0.72 | <0.05 | 2.9 | 2.47 | 0.09 | 0.8 |
| M763277 | | 6.9 | 11.4 | 0.003 | 0.02 | 2.36 | 86.2 | 3 | 2.1 | 301 | 0.66 | <0.05 | 2.8 | 2.15 | 0.08 | 0.8 |
| M763278 | | 10.0 | 22.5 | 0.007 | <0.01 | 1.83 | 63.3 | 2 | 3.1 | 403 | 0.40 | <0.05 | 2.7 | 1.670 | 0.15 | 0.7 |
| M763279 | | 12.0 | 29.2 | 0.002 | 0.06 | 2.01 | 56.9 | 2 | 1.3 | 405 | 0.41 | <0.05 | 2.7 | 1.690 | 0.16 | 0.7 |
| M763280 | | 4.5 | 56.8 | 0.002 | <0.01 | 1.48 | 54.7 | 2 | 2.3 | 293 | 0.35 | <0.05 | 2.8 | 1.490 | 0.33 | 0.7 |
| M763281 | | 5.9 | 32.3 | 0.002 | 0.06 | 1.45 | 49.7 | 2 | 3.0 | 331 | 0.54 | <0.05 | 3.2 | 1.465 | 0.21 | 1.0 |
| M763282 | | 9.0 | 22.7 | 0.002 | 0.01 | 1.27 | 33.6 | 2 | 1.6 | 433 | 0.63 | <0.05 | 2.8 | 0.978 | 0.16 | 0.8 |

***** 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: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|
| M763243 | | 230 | 0.9 | 29.6 | 112 | 53.3 |
| M763244 | | 225 | 1.3 | 36.8 | 111 | 63.7 |
| M763245 | | 247 | 0.9 | 23.9 | 124 | 64.2 |
| M763246 | | 280 | 0.8 | 18.8 | 117 | 76.4 |
| M763247 | | 201 | 0.6 | 16.3 | 79 | 96.3 |
| M763248 | | 236 | 0.9 | 17.3 | 92 | 67.0 |
| M763249 | | 187 | 0.9 | 16.5 | 80 | 79.9 |
| M763250 | | 31 | 0.2 | 5.5 | 43 | 53.7 |
| M763251 | | 174 | 1.2 | 16.1 | 192 | 69.1 |
| M763252 | | 256 | 1.6 | 35.6 | 198 | 83.9 |
| M763253 | | 5 | 1.2 | 27.4 | 41 | 335 |
| M763254 | | 188 | 1.0 | 34.3 | 123 | 105.5 |
| M763255 | | 247 | 1.1 | 29.7 | 123 | 73.9 |
| M763256 | | 197 | 1.7 | 17.4 | 111 | 98.6 |
| M763257 | | 9 | 0.7 | 29.7 | 28 | 265 |
| M763258 | | 3 | 0.8 | 21.8 | 23 | 260 |
| M763259 | | 3 | 1.0 | 20.4 | 27 | 263 |
| M763260 | | 5 | 2.3 | 21.1 | 17 | 284 |
| M763261 | | 5 | 2.6 | 11.1 | 20 | 269 |
| M763262 | | 5 | 6.6 | 16.5 | 10 | 255 |
| M763263 | | 4 | 4.1 | 15.2 | 11 | 250 |
| M763264 | | 4 | 2.5 | 12.0 | 14 | 262 |
| M763265 | | 2 | 0.7 | 22.2 | 17 | 278 |
| M763266 | | 2 | 1.0 | 23.7 | 23 | 279 |
| M763267 | | 4 | 1.0 | 24.2 | 19 | 272 |
| M763268 | | 5 | 0.9 | 32.3 | 24 | 266 |
| M763269 | | 24 | 0.7 | 26.0 | 47 | 269 |
| M763270 | | 5 | 1.8 | 21.1 | 24 | 269 |
| M763271 | | 4 | 1.8 | 27.1 | 28 | 296 |
| M763272 | | 3 | 1.1 | 24.2 | 31 | 251 |
| M763273 | | 49 | 1.0 | 22.0 | 44 | 203 |
| M763274 | | 163 | 1.2 | 22.7 | 98 | 58.4 |
| M763275 | | 14 | 0.9 | 17.0 | 44 | 26.2 |
| M763276 | | 238 | 1.4 | 25.5 | 85 | 65.9 |
| M763277 | | 236 | 1.3 | 25.3 | 87 | 59.4 |
| M763278 | | 243 | 0.9 | 18.8 | 78 | 48.1 |
| M763279 | | 249 | 1.5 | 23.1 | 96 | 55.0 |
| M763280 | | 224 | 1.1 | 31.9 | 127 | 55.9 |
| M763281 | | 223 | 1.4 | 30.0 | 116 | 69.6 |
| M763282 | | 137 | 0.6 | 20.9 | 70 | 72.1 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763283 | | 1.30 | <0.005 | 0.13 | 8.91 | 4.9 | 290 | 0.89 | 0.08 | 4.70 | 0.06 | 30.8 | 28.8 | 87 | 2.19 | 24.3 |
| M763284 | | 2.22 | <0.005 | 0.09 | 9.55 | 4.4 | 290 | 0.81 | 0.07 | 5.06 | 0.06 | 27.6 | 29.5 | 122 | 2.79 | 18.0 |
| M763285 | | 1.50 | <0.005 | 0.15 | 7.43 | 5.0 | 290 | 0.57 | 0.11 | 5.56 | 0.08 | 59.4 | 50.0 | 73 | 4.76 | 99.5 |

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**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| M763283 | | 6.76 | 19.70 | 0.16 | 1.6 | 0.045 | 0.84 | 12.7 | 9.2 | 1.54 | 941 | 0.70 | 3.09 | 11.7 | 37.6 | 1740 |
| M763284 | | 6.65 | 19.75 | 0.18 | 1.6 | 0.043 | 0.91 | 11.2 | 10.9 | 1.79 | 1040 | 2.09 | 3.10 | 5.5 | 45.0 | 2000 |
| M763285 | | 10.80 | 17.00 | 0.26 | 1.6 | 0.055 | 1.29 | 26.2 | 13.3 | 3.10 | 1740 | 4.21 | 1.73 | 6.5 | 51.6 | 6610 |

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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M763283 | | 8.4 | 34.5 | <0.002 | 0.04 | 0.98 | 28.4 | 1 | 1.6 | 410 | 0.77 | <0.05 | 3.9 | 0.907 | 0.27 | 0.9 |
| M763284 | | 7.1 | 45.3 | 0.003 | 0.02 | 0.85 | 26.4 | 2 | 1.1 | 426 | 0.37 | <0.05 | 3.2 | 0.824 | 0.30 | 0.8 |
| M763285 | | 4.7 | 74.8 | 0.007 | 0.19 | 1.05 | 47.7 | 2 | 1.3 | 257 | 0.45 | <0.05 | 2.9 | 1.535 | 0.42 | 0.8 |

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**Finalized Date: 23-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| 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 |
|---|---|---|---|---|---|---|
| M763283 | | 121 | 0.5 | 15.8 | 69 | 55.8 |
| M763284 | | 101 | 0.5 | 14.7 | 75 | 65.2 |
| M763285 | | 205 | 0.8 | 26.4 | 104 | 63.6 |

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**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12077521

| Method | CERTIFICATE COMMENTS |
|---|---|
| ALL METHODS | NSS is non-sufficient sample. |
| ME-MS61 | REE's may not be totally soluble in this method. |