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: 14-MAR-2012**
**Account: RRRTPK**

# CERTIFICATE TB12042307

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 169 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 28-FEB-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 TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J597906 | | 1.86 | <0.005 | 0.05 | 6.26 | 4.0 | 680 | 1.80 | 0.04 | 0.49 | 0.03 | 94.4 | 1.5 | 9 | 1.96 | 4.3 |
| J597907 | | 1.94 | <0.005 | 0.05 | 6.42 | 5.5 | 690 | 1.74 | 0.06 | 0.49 | 0.03 | 100.5 | 1.9 | 13 | 1.96 | 6.4 |
| J597908 | | 2.03 | <0.005 | 0.09 | 6.32 | 5.2 | 690 | 1.90 | 0.05 | 0.49 | 0.02 | 104.5 | 1.7 | 16 | 1.76 | 3.2 |
| J597909 | | 2.08 | <0.005 | 0.07 | 6.35 | 4.8 | 700 | 1.81 | 0.05 | 0.49 | 0.02 | 103.5 | 1.8 | 14 | 1.78 | 5.0 |
| J597910 | | 1.70 | <0.005 | 0.05 | 6.21 | 4.8 | 660 | 1.92 | 0.05 | 0.46 | 0.10 | 101.5 | 1.7 | 8 | 1.68 | 6.6 |
| J597911 | | 1.85 | 0.010 | 0.13 | 6.43 | 10.9 | 670 | 1.94 | 0.07 | 0.48 | 0.07 | 95.3 | 1.6 | 10 | 1.88 | 5.1 |
| J597912 | | 1.85 | <0.005 | 0.12 | 6.42 | 9.3 | 850 | 2.04 | 0.07 | 0.47 | 0.04 | 101.5 | 1.6 | 10 | 2.11 | 4.1 |
| J597913 | | 1.72 | <0.005 | 0.14 | 6.23 | 67.1 | 580 | 1.88 | 0.07 | 0.64 | 0.11 | 86.9 | 2.5 | 8 | 1.71 | 8.2 |
| J597914 | | 1.99 | 0.008 | 0.11 | 6.30 | 214 | 540 | 1.64 | 0.22 | 0.59 | 0.64 | 89.2 | 4.7 | 11 | 1.74 | 15.0 |
| J597915 | | 1.74 | <0.005 | 0.05 | 6.15 | 45.3 | 540 | 1.84 | 0.10 | 0.44 | <0.02 | 94.9 | 1.3 | 11 | 1.48 | 3.0 |
| J597916 | | 1.84 | <0.005 | 0.09 | 6.51 | 17.8 | 610 | 1.98 | 0.09 | 0.46 | 0.02 | 90.6 | 1.5 | 12 | 1.94 | 3.0 |
| J597917 | | 1.89 | <0.005 | 0.06 | 6.32 | 27.5 | 630 | 1.91 | 0.05 | 0.53 | 0.05 | 91.7 | 1.6 | 11 | 1.83 | 5.4 |
| J597918 | | 1.81 | <0.005 | 0.05 | 6.39 | 19.3 | 650 | 1.68 | 0.06 | 0.50 | 0.02 | 96.4 | 2.0 | 13 | 1.61 | 4.8 |
| J597919 | | 1.71 | 0.130 | 0.08 | 6.14 | 183.0 | 670 | 1.62 | 0.05 | 0.55 | 0.08 | 89.1 | 1.9 | 12 | 1.52 | 11.1 |
| J597920 | | 0.75 | 0.369 | 0.05 | 6.19 | 413 | 740 | 1.47 | 0.12 | 0.57 | 0.07 | 92.6 | 2.0 | 10 | 1.49 | 14.9 |
| J597921 | | 1.28 | 0.127 | 0.11 | 6.46 | 134.5 | 770 | 1.43 | 0.10 | 0.51 | 0.19 | 96.9 | 1.8 | 9 | 1.59 | 23.8 |
| J597922 | | 1.77 | 0.011 | 0.06 | 6.49 | 87.1 | 680 | 1.75 | 0.05 | 0.55 | 0.03 | 95.5 | 1.4 | 13 | 1.53 | 8.3 |
| J597923 | | 2.04 | 0.007 | 0.11 | 6.32 | 10.5 | 670 | 1.85 | 0.05 | 0.49 | 0.03 | 94.1 | 1.4 | 14 | 1.50 | 5.0 |
| J597924 | | 1.90 | 0.021 | 0.12 | 6.27 | 28.3 | 650 | 1.56 | 0.04 | 0.57 | 0.06 | 83.7 | 1.6 | 11 | 1.32 | 9.8 |
| J597925 | | 1.95 | 0.011 | 0.12 | 6.36 | 36.1 | 650 | 1.68 | 0.05 | 0.50 | 0.05 | 98.6 | 1.6 | 17 | 1.41 | 4.2 |
| J597926 | | 1.88 | <0.005 | 0.13 | 6.30 | 55.8 | 650 | 1.80 | 0.06 | 0.50 | 0.02 | 89.8 | 1.7 | 12 | 1.21 | 3.7 |
| J597927 | | 1.98 | 0.044 | 0.13 | 6.19 | 204 | 720 | 1.64 | 0.05 | 0.55 | 0.10 | 101.0 | 2.0 | 14 | 1.21 | 7.7 |
| J597928 | | 2.06 | 0.077 | 0.13 | 6.03 | 321 | 670 | 1.71 | 0.07 | 0.49 | 0.14 | 95.2 | 2.6 | 13 | 1.16 | 13.2 |
| J597929 | | 2.07 | 0.006 | 0.13 | 6.24 | 59.3 | 570 | 2.01 | 0.06 | 0.59 | 0.07 | 95.1 | 1.7 | 13 | 1.28 | 9.5 |
| J597930 | | 2.11 | <0.005 | 0.12 | 6.27 | 31.0 | 630 | 2.05 | 0.06 | 0.54 | 0.03 | 93.6 | 1.6 | 14 | 1.32 | 3.9 |
| J597931 | | 2.02 | <0.005 | 0.19 | 6.44 | 12.2 | 700 | 2.01 | 0.06 | 0.46 | 0.03 | 102.5 | 1.5 | 15 | 1.97 | 4.3 |
| J597932 | | 1.84 | <0.005 | 0.13 | 6.44 | 14.4 | 730 | 1.97 | 0.09 | 0.49 | <0.02 | 106.0 | 1.5 | 12 | 2.03 | 4.4 |
| J597933 | | 2.12 | <0.005 | 0.12 | 6.46 | 19.1 | 710 | 2.42 | 0.09 | 0.50 | 0.03 | 106.0 | 1.5 | 16 | 1.64 | 3.2 |
| J597934 | | 2.10 | <0.005 | 0.12 | 6.14 | 28.9 | 670 | 2.03 | 0.09 | 0.52 | 0.02 | 96.4 | 2.0 | 12 | 1.76 | 5.1 |
| J597935 | | 2.15 | 0.032 | 0.23 | 6.24 | 149.5 | 710 | 2.01 | 0.15 | 0.62 | 0.35 | 76.4 | 2.0 | 12 | 2.08 | 19.6 |
| J597936 | | 2.14 | <0.005 | 0.09 | 6.26 | 18.7 | 660 | 1.97 | 0.06 | 0.59 | 0.04 | 92.1 | 0.9 | 12 | 2.12 | 4.4 |
| J598362 | | 1.71 | <0.005 | 0.17 | 6.10 | 16.6 | 520 | 1.96 | 0.05 | 0.40 | 0.04 | 83.2 | 1.5 | 14 | 1.05 | 2.5 |
| J598363 | | 1.52 | 0.057 | 0.22 | 5.91 | 174.5 | 550 | 1.57 | 0.05 | 0.41 | 0.05 | 92.1 | 2.1 | 11 | 0.92 | 4.9 |
| J598364 | | 1.65 | <0.005 | 0.11 | 6.27 | 29.9 | 520 | 1.91 | 0.05 | 0.44 | 0.02 | 90.1 | 1.7 | 14 | 1.06 | 2.7 |
| J598365 | | 1.36 | 0.042 | 0.20 | 6.06 | 33.1 | 530 | 1.61 | 0.08 | 0.42 | 0.07 | 92.8 | 2.0 | 11 | 1.09 | 3.7 |
| J598366 | | 1.46 | 0.018 | 0.69 | 6.73 | 78.7 | 630 | 1.91 | 0.06 | 0.51 | 0.20 | 102.0 | 1.6 | 13 | 1.48 | 3.0 |
| J598367 | | 1.48 | 0.019 | 0.16 | 6.14 | 70.2 | 580 | 1.73 | 0.10 | 0.45 | 0.17 | 87.8 | 2.4 | 11 | 1.06 | 7.0 |
| J598368 | | 1.50 | 0.019 | 0.27 | 6.27 | 247 | 630 | 1.71 | 0.11 | 0.51 | 0.09 | 90.2 | 2.1 | 17 | 1.10 | 10.2 |
| J598369 | | 1.50 | 0.272 | 0.39 | 6.19 | 459 | 610 | 1.93 | 0.17 | 0.43 | 0.90 | 83.4 | 2.0 | 13 | 0.93 | 10.6 |
| J598370 | | 1.49 | 0.056 | 0.17 | 6.34 | 325 | 620 | 1.90 | 0.09 | 0.45 | 0.17 | 88.6 | 2.1 | 18 | 1.22 | 15.6 |

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**Finalized Date: 14-MAR-2012**
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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J597906 | | 1.44 | 16.30 | 0.19 | 5.5 | 0.021 | 3.35 | 49.0 | 10.6 | 0.11 | 213 | 2.05 | 2.56 | 14.0 | 1.6 | 100 |
| J597907 | | 1.48 | 16.30 | 0.19 | 5.8 | 0.021 | 3.47 | 51.9 | 11.1 | 0.11 | 218 | 1.64 | 2.63 | 14.8 | 1.6 | 110 |
| J597908 | | 1.37 | 16.10 | 0.19 | 5.6 | 0.020 | 3.46 | 52.0 | 11.9 | 0.10 | 206 | 2.60 | 2.61 | 14.6 | 1.7 | 100 |
| J597909 | | 1.48 | 16.70 | 0.20 | 5.9 | 0.021 | 3.46 | 56.5 | 11.9 | 0.10 | 213 | 2.10 | 2.61 | 14.8 | 1.6 | 100 |
| J597910 | | 1.33 | 16.05 | 0.17 | 6.0 | 0.022 | 3.37 | 52.4 | 10.0 | 0.10 | 201 | 4.03 | 2.55 | 13.7 | 1.2 | 100 |
| J597911 | | 1.51 | 16.70 | 0.17 | 5.6 | 0.024 | 3.54 | 52.6 | 11.0 | 0.10 | 237 | 1.90 | 2.69 | 14.8 | 1.4 | 100 |
| J597912 | | 1.44 | 16.55 | 0.20 | 5.7 | 0.023 | 3.51 | 53.6 | 10.6 | 0.10 | 245 | 1.62 | 2.66 | 15.1 | 1.3 | 100 |
| J597913 | | 1.23 | 15.90 | 0.19 | 5.3 | 0.025 | 3.33 | 44.7 | 11.0 | 0.09 | 243 | 2.09 | 2.53 | 14.0 | 1.3 | 100 |
| J597914 | | 1.54 | 15.55 | 0.18 | 5.8 | 0.036 | 3.27 | 46.1 | 11.6 | 0.09 | 244 | 3.63 | 2.57 | 14.9 | 2.8 | 90 |
| J597915 | | 1.39 | 16.25 | 0.18 | 6.2 | 0.016 | 3.39 | 49.4 | 10.7 | 0.09 | 235 | 1.48 | 2.53 | 17.7 | 1.2 | 90 |
| J597916 | | 1.42 | 17.05 | 0.16 | 6.3 | 0.025 | 3.52 | 46.9 | 10.5 | 0.09 | 287 | 1.66 | 2.71 | 15.3 | 1.4 | 90 |
| J597917 | | 1.26 | 16.55 | 0.18 | 5.6 | 0.021 | 3.39 | 47.9 | 10.1 | 0.09 | 226 | 3.72 | 2.63 | 14.1 | 1.4 | 90 |
| J597918 | | 1.39 | 16.55 | 0.20 | 5.3 | 0.021 | 3.47 | 48.7 | 9.2 | 0.09 | 221 | 2.27 | 2.63 | 13.0 | 1.3 | 100 |
| J597919 | | 1.20 | 15.40 | 0.18 | 5.1 | 0.017 | 3.38 | 47.6 | 16.7 | 0.08 | 185 | 4.01 | 2.34 | 12.0 | 1.1 | 100 |
| J597920 | | 1.55 | 15.40 | 0.18 | 5.0 | 0.015 | 3.48 | 49.6 | 25.9 | 0.09 | 136 | 3.20 | 1.97 | 7.0 | 1.4 | 100 |
| J597921 | | 1.39 | 16.30 | 0.17 | 5.5 | 0.030 | 3.69 | 50.7 | 30.3 | 0.09 | 139 | 3.15 | 2.02 | 9.0 | 1.3 | 100 |
| J597922 | | 1.41 | 16.40 | 0.16 | 5.3 | 0.022 | 3.58 | 51.0 | 9.9 | 0.09 | 221 | 1.76 | 2.57 | 13.9 | 1.3 | 100 |
| J597923 | | 1.47 | 16.70 | 0.19 | 5.1 | 0.018 | 3.55 | 46.7 | 8.3 | 0.09 | 222 | 1.61 | 2.63 | 12.9 | 1.5 | 90 |
| J597924 | | 1.30 | 16.80 | 0.19 | 4.5 | 0.023 | 3.53 | 41.4 | 14.3 | 0.08 | 201 | 2.04 | 2.43 | 11.5 | 1.3 | 90 |
| J597925 | | 1.50 | 16.05 | 0.20 | 5.3 | 0.020 | 3.47 | 49.0 | 10.9 | 0.09 | 224 | 2.33 | 2.59 | 11.6 | 1.5 | 110 |
| J597926 | | 1.40 | 16.45 | 0.19 | 4.8 | 0.021 | 3.50 | 44.4 | 8.2 | 0.09 | 207 | 2.56 | 2.60 | 12.1 | 1.4 | 90 |
| J597927 | | 1.39 | 15.55 | 0.20 | 5.4 | 0.018 | 3.53 | 50.5 | 16.2 | 0.09 | 213 | 2.95 | 2.43 | 10.9 | 1.4 | 100 |
| J597928 | | 1.44 | 16.00 | 0.20 | 4.7 | 0.015 | 3.46 | 46.9 | 17.1 | 0.08 | 194 | 2.12 | 2.37 | 11.0 | 1.6 | 90 |
| J597929 | | 1.34 | 16.20 | 0.19 | 4.9 | 0.016 | 3.48 | 46.2 | 10.9 | 0.06 | 204 | 1.78 | 2.48 | 12.7 | 1.1 | 80 |
| J597930 | | 1.35 | 16.05 | 0.19 | 5.4 | 0.018 | 3.43 | 46.8 | 8.8 | 0.09 | 237 | 2.28 | 2.55 | 12.1 | 1.3 | 100 |
| J597931 | | 1.37 | 16.80 | 0.21 | 5.1 | 0.025 | 3.51 | 51.0 | 10.5 | 0.10 | 242 | 2.45 | 2.70 | 13.2 | 1.4 | 110 |
| J597932 | | 1.44 | 16.25 | 0.19 | 6.4 | 0.028 | 3.45 | 52.4 | 10.7 | 0.11 | 270 | 2.35 | 2.67 | 13.9 | 1.3 | 120 |
| J597933 | | 1.44 | 16.80 | 0.20 | 6.2 | 0.030 | 3.47 | 52.9 | 9.9 | 0.11 | 258 | 3.60 | 2.72 | 14.8 | 1.4 | 110 |
| J597934 | | 1.29 | 16.55 | 0.20 | 6.7 | 0.032 | 3.45 | 47.5 | 11.8 | 0.09 | 254 | 2.57 | 2.51 | 13.6 | 1.3 | 110 |
| J597935 | | 1.29 | 16.85 | 0.17 | 5.6 | 0.039 | 3.38 | 37.3 | 17.3 | 0.10 | 270 | 5.53 | 2.49 | 13.6 | 1.3 | 110 |
| J597936 | | 1.27 | 16.05 | 0.19 | 5.6 | 0.027 | 3.38 | 45.5 | 12.4 | 0.09 | 234 | 2.87 | 2.56 | 11.7 | 1.1 | 120 |
| J598362 | | 1.16 | 15.95 | 0.17 | 5.4 | 0.013 | 3.44 | 40.3 | 4.7 | 0.06 | 202 | 1.08 | 2.49 | 14.1 | 1.0 | 70 |
| J598363 | | 1.13 | 15.65 | 0.20 | 5.1 | 0.012 | 3.46 | 44.7 | 13.1 | 0.06 | 179 | 1.46 | 2.20 | 12.7 | 1.1 | 70 |
| J598364 | | 1.25 | 16.20 | 0.19 | 5.5 | 0.014 | 3.48 | 43.1 | 4.6 | 0.06 | 219 | 2.98 | 2.51 | 14.5 | 1.1 | 70 |
| J598365 | | 1.20 | 16.35 | 0.18 | 5.6 | 0.016 | 3.39 | 45.0 | 8.8 | 0.06 | 213 | 3.33 | 2.46 | 14.6 | 1.0 | 70 |
| J598366 | | 1.33 | 17.65 | 0.20 | 6.0 | 0.015 | 3.81 | 49.7 | 10.2 | 0.07 | 239 | 2.09 | 2.61 | 15.7 | 1.2 | 70 |
| J598367 | | 1.16 | 16.40 | 0.19 | 5.4 | 0.025 | 3.51 | 42.8 | 13.9 | 0.06 | 296 | 1.73 | 2.12 | 13.7 | 0.9 | 70 |
| J598368 | | 1.22 | 16.50 | 0.18 | 5.6 | 0.016 | 3.74 | 43.4 | 10.3 | 0.06 | 389 | 1.63 | 2.42 | 14.4 | 1.0 | 70 |
| J598369 | | 1.14 | 16.95 | 0.18 | 5.2 | 0.033 | 3.67 | 40.3 | 13.9 | 0.06 | 285 | 1.68 | 2.18 | 13.1 | 0.9 | 70 |
| J598370 | | 1.40 | 16.40 | 0.19 | 5.6 | 0.025 | 3.64 | 43.0 | 12.8 | 0.07 | 462 | 1.86 | 2.30 | 14.6 | 1.4 | 70 |

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| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J597906 | | 9.3 | 159.0 | 0.004 | 0.01 | 0.39 | 4.3 | 1 | 1.7 | 48.6 | 1.27 | <0.05 | 19.1 | 0.093 | 0.49 | 4.5 |
| J597907 | | 10.2 | 162.5 | 0.003 | 0.01 | 0.48 | 4.5 | 1 | 1.9 | 46.5 | 1.39 | 0.05 | 20.0 | 0.096 | 0.50 | 5.0 |
| J597908 | | 6.1 | 157.0 | 0.002 | <0.01 | 0.53 | 4.4 | 1 | 2.0 | 40.6 | 1.32 | <0.05 | 20.0 | 0.097 | 0.52 | 4.8 |
| J597909 | | 5.3 | 158.5 | 0.002 | <0.01 | 0.49 | 4.5 | 1 | 1.9 | 43.3 | 1.29 | <0.05 | 19.5 | 0.097 | 0.52 | 4.5 |
| J597910 | | 19.6 | 156.5 | 0.004 | 0.01 | 0.46 | 4.3 | 1 | 1.9 | 41.5 | 1.24 | <0.05 | 20.5 | 0.092 | 0.49 | 4.7 |
| J597911 | | 10.9 | 166.5 | 0.002 | 0.01 | 0.72 | 4.3 | 1 | 1.9 | 42.3 | 1.34 | <0.05 | 19.3 | 0.094 | 0.53 | 5.2 |
| J597912 | | 6.6 | 168.5 | 0.003 | 0.01 | 0.89 | 4.3 | 1 | 2.0 | 42.2 | 1.37 | <0.05 | 20.7 | 0.090 | 0.51 | 5.5 |
| J597913 | | 13.3 | 158.0 | 0.002 | 0.04 | 0.95 | 4.3 | 1 | 2.1 | 43.6 | 1.23 | 0.05 | 17.8 | 0.083 | 0.48 | 5.5 |
| J597914 | | 35.0 | 143.5 | <0.002 | 0.33 | 1.27 | 4.1 | 1 | 2.0 | 53.6 | 1.38 | <0.05 | 19.9 | 0.084 | 0.50 | 6.0 |
| J597915 | | 6.0 | 148.0 | 0.004 | 0.01 | 0.95 | 3.7 | 1 | 2.0 | 54.0 | 1.84 | <0.05 | 23.1 | 0.082 | 0.51 | 6.0 |
| J597916 | | 7.2 | 181.0 | 0.002 | <0.01 | 0.95 | 4.2 | 1 | 2.8 | 43.5 | 1.36 | <0.05 | 23.1 | 0.089 | 0.61 | 5.7 |
| J597917 | | 17.0 | 151.0 | 0.002 | 0.01 | 0.75 | 4.1 | 1 | 2.3 | 49.5 | 1.25 | <0.05 | 18.8 | 0.088 | 0.48 | 4.9 |
| J597918 | | 4.9 | 157.5 | 0.004 | <0.01 | 0.63 | 4.2 | 2 | 2.1 | 42.8 | 1.12 | <0.05 | 17.7 | 0.091 | 0.53 | 4.1 |
| J597919 | | 11.5 | 137.0 | 0.005 | 0.20 | 0.83 | 4.0 | 1 | 2.1 | 48.7 | 1.11 | <0.05 | 18.2 | 0.079 | 0.64 | 4.6 |
| J597920 | | 11.2 | 141.5 | <0.002 | 0.77 | 0.90 | 4.1 | 1 | 1.6 | 45.7 | 0.57 | <0.05 | 16.3 | 0.062 | 0.57 | 3.6 |
| J597921 | | 43.7 | 153.0 | 0.003 | 0.65 | 0.67 | 4.3 | <1 | 2.2 | 42.0 | 0.76 | <0.05 | 18.8 | 0.080 | 0.66 | 4.5 |
| J597922 | | 9.2 | 161.5 | 0.002 | 0.04 | 0.54 | 4.3 | 1 | 1.9 | 47.6 | 1.15 | <0.05 | 19.4 | 0.091 | 0.63 | 4.6 |
| J597923 | | 4.7 | 155.0 | 0.002 | 0.01 | 0.46 | 4.6 | 2 | 1.7 | 45.7 | 1.27 | <0.05 | 17.1 | 0.093 | 0.59 | 3.9 |
| J597924 | | 18.7 | 153.0 | <0.002 | 0.07 | 0.50 | 4.3 | 2 | 1.7 | 39.7 | 1.05 | <0.05 | 14.7 | 0.084 | 0.56 | 3.2 |
| J597925 | | 10.7 | 145.5 | 0.002 | 0.02 | 0.68 | 4.4 | 2 | 1.6 | 45.1 | 1.11 | <0.05 | 15.8 | 0.092 | 0.53 | 3.5 |
| J597926 | | 3.8 | 146.5 | <0.002 | 0.01 | 0.74 | 4.5 | 2 | 1.5 | 46.5 | 1.14 | <0.05 | 15.3 | 0.083 | 0.53 | 3.6 |
| J597927 | | 32.5 | 141.5 | <0.002 | 0.17 | 0.87 | 4.3 | 1 | 1.5 | 46.8 | 1.08 | <0.05 | 15.1 | 0.086 | 0.56 | 3.6 |
| J597928 | | 34.1 | 137.5 | <0.002 | 0.33 | 0.88 | 4.3 | 1 | 1.5 | 43.1 | 1.10 | <0.05 | 16.4 | 0.076 | 0.55 | 3.9 |
| J597929 | | 15.5 | 148.5 | <0.002 | 0.06 | 0.65 | 3.9 | 2 | 1.5 | 40.1 | 1.30 | <0.05 | 17.6 | 0.065 | 0.55 | 4.3 |
| J597930 | | 4.1 | 147.5 | <0.002 | <0.01 | 0.62 | 4.0 | 2 | 1.6 | 43.6 | 1.23 | <0.05 | 17.4 | 0.083 | 0.57 | 3.7 |
| J597931 | | 4.7 | 159.5 | 0.002 | <0.01 | 0.51 | 4.5 | 2 | 2.0 | 47.9 | 1.31 | <0.05 | 17.2 | 0.095 | 0.58 | 4.0 |
| J597932 | | 6.6 | 159.0 | <0.002 | 0.01 | 0.55 | 4.7 | 2 | 2.6 | 47.7 | 1.56 | <0.05 | 19.4 | 0.103 | 0.62 | 4.7 |
| J597933 | | 4.5 | 160.5 | <0.002 | <0.01 | 0.61 | 4.9 | 2 | 2.5 | 49.0 | 1.61 | <0.05 | 20.1 | 0.100 | 0.61 | 4.9 |
| J597934 | | 6.7 | 155.5 | 0.002 | 0.01 | 0.58 | 5.3 | 2 | 2.5 | 41.5 | 1.42 | <0.05 | 19.6 | 0.095 | 0.62 | 5.0 |
| J597935 | | 52.5 | 161.0 | <0.002 | 0.11 | 0.76 | 5.2 | 2 | 2.7 | 41.4 | 1.35 | <0.05 | 16.4 | 0.096 | 0.65 | 4.5 |
| J597936 | | 5.7 | 148.5 | <0.002 | 0.01 | 0.50 | 4.6 | 2 | 2.2 | 46.9 | 1.17 | <0.05 | 17.0 | 0.092 | 0.59 | 3.6 |
| J598362 | | 9.3 | 160.0 | <0.002 | 0.03 | 0.71 | 3.8 | 1 | 1.6 | 39.3 | 1.45 | <0.05 | 18.2 | 0.064 | 0.67 | 4.2 |
| J598363 | | 16.2 | 148.0 | 0.002 | 0.20 | 0.82 | 3.7 | 2 | 1.6 | 35.2 | 1.27 | <0.05 | 17.4 | 0.065 | 0.67 | 4.2 |
| J598364 | | 8.9 | 152.5 | <0.002 | 0.04 | 0.81 | 3.9 | 2 | 1.7 | 39.0 | 1.55 | <0.05 | 20.0 | 0.066 | 0.68 | 4.7 |
| J598365 | | 31.2 | 147.5 | <0.002 | 0.15 | 0.92 | 3.9 | 2 | 2.1 | 39.1 | 1.53 | <0.05 | 18.1 | 0.068 | 0.61 | 4.7 |
| J598366 | | 15.6 | 167.5 | <0.002 | 0.11 | 1.03 | 4.3 | 2 | 1.8 | 50.0 | 1.55 | <0.05 | 20.0 | 0.078 | 0.75 | 4.8 |
| J598367 | | 15.4 | 149.0 | <0.002 | 0.17 | 0.97 | 4.0 | 2 | 1.9 | 39.2 | 1.48 | <0.05 | 18.2 | 0.070 | 0.62 | 4.5 |
| J598368 | | 14.3 | 149.0 | <0.002 | 0.19 | 1.10 | 3.9 | 1 | 1.8 | 44.6 | 1.50 | <0.05 | 18.1 | 0.074 | 0.67 | 4.4 |
| J598369 | | 20.8 | 145.5 | 0.002 | 0.29 | 1.39 | 3.8 | 2 | 1.8 | 39.7 | 1.29 | <0.05 | 17.2 | 0.068 | 0.60 | 4.4 |
| J598370 | | 11.2 | 149.5 | <0.002 | 0.14 | 1.28 | 3.9 | 2 | 2.3 | 43.3 | 1.47 | <0.05 | 19.0 | 0.074 | 0.63 | 4.7 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|
| J597906 | | 5 | 1.2 | 28.2 | 23 | 139.5 |
| J597907 | | 5 | 1.2 | 30.4 | 24 | 156.0 |
| J597908 | | 5 | 1.3 | 29.5 | 21 | 141.5 |
| J597909 | | 5 | 1.1 | 30.2 | 21 | 160.0 |
| J597910 | | 5 | 1.1 | 28.3 | 36 | 168.5 |
| J597911 | | 5 | 1.4 | 30.3 | 27 | 146.0 |
| J597912 | | 4 | 1.4 | 32.5 | 27 | 156.0 |
| J597913 | | 4 | 1.7 | 26.1 | 29 | 148.5 |
| J597914 | | 5 | 1.7 | 21.3 | 154 | 153.5 |
| J597915 | | 4 | 1.6 | 23.3 | 16 | 150.5 |
| J597916 | | 4 | 2.4 | 31.0 | 28 | 165.5 |
| J597917 | | 5 | 1.3 | 28.4 | 22 | 146.0 |
| J597918 | | 5 | 1.4 | 25.8 | 16 | 141.0 |
| J597919 | | 4 | 2.5 | 15.8 | 28 | 138.0 |
| J597920 | | 4 | 4.1 | 14.3 | 16 | 139.0 |
| J597921 | | 5 | 5.4 | 14.7 | 78 | 146.0 |
| J597922 | | 5 | 1.5 | 25.3 | 22 | 152.5 |
| J597923 | | 5 | 1.4 | 27.6 | 13 | 147.0 |
| J597924 | | 4 | 1.5 | 16.5 | 27 | 128.5 |
| J597925 | | 4 | 1.3 | 24.3 | 28 | 153.0 |
| J597926 | | 4 | 1.2 | 23.8 | 13 | 138.0 |
| J597927 | | 5 | 2.2 | 18.6 | 39 | 155.0 |
| J597928 | | 4 | 5.3 | 16.5 | 52 | 132.0 |
| J597929 | | 4 | 1.7 | 17.7 | 27 | 131.0 |
| J597930 | | 4 | 1.3 | 22.4 | 12 | 144.5 |
| J597931 | | 5 | 1.5 | 28.4 | 23 | 141.5 |
| J597932 | | 5 | 2.1 | 32.8 | 26 | 168.5 |
| J597933 | | 5 | 2.9 | 33.5 | 22 | 167.5 |
| J597934 | | 5 | 3.5 | 29.1 | 16 | 185.5 |
| J597935 | | 5 | 2.8 | 22.9 | 93 | 159.0 |
| J597936 | | 5 | 1.9 | 26.0 | 14 | 161.5 |
| J598362 | | 3 | 2.3 | 14.5 | 13 | 138.0 |
| J598363 | | 3 | 3.1 | 15.8 | 22 | 136.0 |
| J598364 | | 3 | 2.2 | 16.2 | 11 | 135.5 |
| J598365 | | 3 | 2.3 | 17.8 | 28 | 144.0 |
| J598366 | | 3 | 2.1 | 21.1 | 24 | 158.5 |
| J598367 | | 3 | 2.4 | 21.3 | 53 | 135.5 |
| J598368 | | 3 | 2.1 | 18.9 | 51 | 140.5 |
| J598369 | | 3 | 2.9 | 19.3 | 280 | 144.0 |
| J598370 | | 3 | 2.1 | 20.7 | 71 | 143.0 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598371 | | 1.50 | <0.005 | 0.18 | 6.13 | 143.0 | 600 | 2.01 | 0.04 | 0.53 | 0.06 | 79.6 | 2.2 | 19 | 1.06 | 5.7 |
| J598372 | | 1.57 | <0.005 | 0.13 | 6.28 | 49.9 | 600 | 1.79 | 0.03 | 0.52 | <0.02 | 91.5 | 2.2 | 17 | 0.94 | 3.5 |
| J598373 | | 1.77 | 0.011 | 0.10 | 6.17 | 45.5 | 600 | 1.73 | 0.07 | 0.43 | 0.18 | 81.4 | 2.0 | 18 | 1.04 | 12.1 |
| J598374 | | 1.86 | <0.005 | 0.12 | 6.38 | 32.6 | 590 | 1.88 | 0.05 | 0.53 | 0.05 | 91.5 | 1.8 | 21 | 1.19 | 4.4 |
| J598375 | | 0.03 | 1.320 | 0.81 | 8.83 | 2.7 | 100 | 2.31 | 0.68 | 0.95 | 0.13 | 15.10 | 8.0 | 29 | 20.5 | 11.6 |
| J598376 | | 1.41 | <0.005 | 0.08 | 6.23 | 9.9 | 610 | 2.08 | 0.04 | 0.47 | 0.03 | 90.4 | 2.1 | 20 | 1.21 | 4.7 |
| J598377 | | 2.44 | <0.005 | 0.07 | 6.21 | 8.3 | 610 | 2.13 | 0.05 | 0.48 | 0.02 | 86.2 | 2.2 | 19 | 1.31 | 4.2 |
| J598378 | | 1.85 | <0.005 | 0.04 | 6.13 | 4.7 | 600 | 2.31 | 0.04 | 0.49 | 0.02 | 86.8 | 1.9 | 19 | 1.11 | 3.9 |
| J598379 | | 1.96 | <0.005 | 0.04 | 6.21 | 4.4 | 650 | 2.68 | 0.03 | 0.49 | 0.02 | 89.6 | 1.8 | 18 | 1.07 | 2.6 |
| J598380 | | 1.79 | <0.005 | 0.04 | 6.15 | 3.0 | 590 | 2.50 | 0.04 | 0.48 | 0.02 | 89.8 | 1.5 | 23 | 1.37 | 2.2 |
| J598381 | | 1.86 | <0.005 | 0.05 | 6.26 | 9.7 | 600 | 2.35 | 0.05 | 0.48 | <0.02 | 99.0 | 1.8 | 18 | 1.27 | 2.7 |
| J598382 | | 1.83 | 0.006 | 0.11 | 6.37 | 36.1 | 610 | 2.07 | 0.04 | 0.47 | 0.04 | 92.3 | 2.2 | 18 | 1.34 | 3.9 |
| J598383 | | 1.89 | 0.024 | 0.04 | 6.08 | 34.4 | 590 | 1.87 | 0.06 | 0.55 | 0.11 | 87.9 | 2.1 | 17 | 1.31 | 11.6 |
| J598384 | | 1.89 | <0.005 | 0.02 | 5.80 | 12.8 | 550 | 2.23 | 0.06 | 0.51 | 0.06 | 83.7 | 1.8 | 18 | 1.21 | 6.3 |
| J598385 | | 1.85 | <0.005 | 0.09 | 6.41 | 43.0 | 590 | 2.06 | 0.04 | 0.52 | 0.05 | 83.0 | 2.4 | 16 | 1.09 | 5.0 |
| J598386 | | 1.82 | 0.020 | 0.10 | 6.15 | 189.5 | 590 | 1.75 | 0.06 | 0.52 | 0.22 | 89.1 | 3.5 | 19 | 1.17 | 7.5 |
| J598387 | | 1.81 | <0.005 | 0.05 | 6.13 | 97.7 | 590 | 1.85 | 0.05 | 0.65 | 0.15 | 88.9 | 3.0 | 13 | 1.24 | 6.9 |
| J598388 | | 1.87 | 0.016 | 0.07 | 6.53 | 16.6 | 590 | 2.16 | 0.04 | 0.55 | 0.04 | 89.5 | 2.2 | 11 | 1.33 | 2.2 |
| J598389 | | 1.83 | 0.010 | 0.05 | 6.25 | 12.2 | 580 | 2.02 | 0.03 | 0.50 | 0.02 | 79.3 | 1.7 | 13 | 1.21 | 2.4 |
| J598390 | | 1.80 | 0.008 | 0.05 | 6.17 | 42.8 | 590 | 1.91 | 0.03 | 0.50 | 0.02 | 82.9 | 1.8 | 16 | 1.76 | 4.4 |
| J598391 | | 1.69 | 0.149 | 0.05 | 6.24 | 49.1 | 610 | 2.26 | 0.04 | 0.55 | 0.08 | 86.0 | 9.0 | 13 | 1.60 | 8.9 |
| J598392 | | 1.94 | 0.018 | 0.03 | 6.29 | 17.5 | 610 | 2.34 | 0.04 | 0.52 | 0.02 | 89.6 | 1.8 | 14 | 1.18 | 2.5 |
| J598393 | | 1.79 | 0.014 | 0.05 | 5.95 | 21.8 | 560 | 2.06 | 0.08 | 0.47 | 0.06 | 79.3 | 2.3 | 12 | 1.38 | 6.1 |
| J598394 | | 1.84 | 0.011 | 0.05 | 6.26 | 44.8 | 610 | 1.92 | 0.13 | 0.54 | 0.24 | 85.1 | 2.5 | 12 | 1.56 | 18.2 |
| J598395 | | 2.03 | 0.056 | 0.09 | 6.10 | 93.7 | 590 | 1.94 | 0.06 | 0.53 | 0.18 | 80.0 | 3.6 | 14 | 1.32 | 10.2 |
| J598396 | | 1.74 | 0.021 | 0.09 | 5.98 | 23.0 | 600 | 1.70 | 0.07 | 0.52 | 0.24 | 75.9 | 2.0 | 13 | 1.46 | 7.5 |
| J598397 | | 1.69 | <0.005 | 0.07 | 6.02 | 12.5 | 590 | 1.69 | 0.09 | 0.55 | 0.20 | 80.6 | 1.7 | 12 | 1.61 | 7.2 |
| J598398 | | 1.85 | 0.072 | 0.06 | 6.18 | 18.9 | 580 | 1.90 | 0.06 | 0.53 | 0.04 | 81.2 | 2.0 | 17 | 1.44 | 6.9 |
| J598399 | | 1.88 | 0.072 | 0.03 | 6.04 | 23.6 | 580 | 1.93 | 0.06 | 0.62 | 0.08 | 97.4 | 2.0 | 24 | 1.35 | 12.2 |
| J598400 | | 0.04 | 3.49 | 0.12 | 1.51 | 1.2 | 100 | 0.36 | 0.15 | 0.01 | 0.13 | 17.20 | 1.1 | 14 | 0.58 | 6.5 |
| J598401 | | 1.82 | <0.005 | 0.04 | 6.07 | 10.9 | 610 | 1.97 | 0.05 | 0.52 | 0.05 | 94.2 | 2.0 | 16 | 1.48 | 6.6 |
| J598402 | | 1.53 | <0.005 | 0.03 | 6.45 | 10.1 | 650 | 2.36 | 0.04 | 0.57 | 0.03 | 103.0 | 1.8 | 16 | 1.31 | 3.4 |
| J598403 | | 1.65 | <0.005 | 0.04 | 6.66 | 13.9 | 670 | 2.51 | 0.04 | 0.59 | 0.05 | 100.5 | 2.0 | 22 | 1.41 | 4.1 |
| J598404 | | 1.55 | <0.005 | 0.06 | 6.33 | 12.5 | 620 | 2.11 | 0.04 | 0.57 | 0.04 | 98.3 | 1.7 | 21 | 1.40 | 2.6 |
| J598405 | | 1.60 | <0.005 | 0.01 | 6.16 | 13.2 | 590 | 2.14 | 0.05 | 0.49 | 0.04 | 97.0 | 1.5 | 21 | 1.50 | 3.8 |
| J598406 | | 1.70 | <0.005 | 0.10 | 6.02 | 45.4 | 610 | 1.89 | 0.05 | 0.48 | 0.17 | 94.5 | 1.6 | 15 | 1.44 | 9.0 |
| J598407 | | 1.60 | <0.005 | 0.07 | 5.97 | 10.0 | 560 | 2.11 | 0.05 | 0.45 | 0.04 | 86.7 | 1.9 | 16 | 2.15 | 2.6 |
| J598408 | | 1.82 | <0.005 | 0.02 | 5.90 | 10.3 | 560 | 2.30 | 0.06 | 0.40 | 0.04 | 93.6 | 1.5 | 23 | 2.33 | 2.6 |
| J598409 | | 1.83 | <0.005 | 0.09 | 5.95 | 24.5 | 560 | 1.99 | 0.07 | 0.44 | 0.06 | 92.6 | 2.0 | 23 | 2.09 | 7.1 |
| J598410 | | 2.21 | <0.005 | 0.20 | 5.81 | 18.1 | 570 | 1.76 | 0.04 | 0.51 | 0.06 | 92.1 | 1.4 | 27 | 1.25 | 4.2 |

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

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


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598371 | | 1.21 | 15.60 | 0.17 | 4.8 | 0.012 | 3.51 | 38.3 | 7.0 | 0.07 | 312 | 1.05 | 2.31 | 12.9 | 1.1 | 70 |
| J598372 | | 1.31 | 15.95 | 0.18 | 5.5 | 0.012 | 3.63 | 44.0 | 5.3 | 0.07 | 245 | 1.15 | 2.44 | 13.1 | 1.3 | 60 |
| J598373 | | 1.27 | 16.50 | 0.17 | 5.1 | 0.031 | 3.57 | 39.1 | 11.1 | 0.06 | 320 | 2.16 | 2.34 | 14.2 | 1.1 | 70 |
| J598374 | | 1.25 | 15.65 | 0.19 | 5.4 | 0.014 | 3.68 | 44.2 | 7.0 | 0.07 | 279 | 1.85 | 2.47 | 13.8 | 1.1 | 70 |
| J598375 | | 4.21 | 18.90 | 0.20 | 1.5 | 0.013 | 2.63 | 7.3 | 4.9 | 0.90 | 252 | 1.12 | 5.01 | 8.1 | 27.0 | 700 |
| J598376 | | 1.28 | 16.15 | 0.18 | 5.5 | 0.013 | 3.62 | 43.1 | 7.2 | 0.06 | 285 | 1.84 | 2.47 | 14.0 | 1.3 | 70 |
| J598377 | | 1.22 | 16.45 | 0.16 | 5.3 | 0.014 | 3.67 | 41.3 | 6.4 | 0.06 | 222 | 1.98 | 2.47 | 13.5 | 1.1 | 70 |
| J598378 | | 1.16 | 15.60 | 0.18 | 5.3 | 0.013 | 3.61 | 42.1 | 5.3 | 0.07 | 185 | 1.12 | 2.42 | 12.8 | 2.5 | 70 |
| J598379 | | 1.25 | 15.60 | 0.18 | 5.2 | 0.013 | 3.74 | 43.3 | 5.5 | 0.07 | 177 | 1.01 | 2.40 | 13.1 | 1.0 | 70 |
| J598380 | | 1.10 | 15.80 | 0.18 | 5.4 | 0.013 | 3.55 | 43.3 | 6.1 | 0.07 | 146 | 3.49 | 2.50 | 13.6 | 1.5 | 70 |
| J598381 | | 1.11 | 16.20 | 0.19 | 5.8 | 0.015 | 3.59 | 47.3 | 6.3 | 0.06 | 234 | 2.41 | 2.54 | 14.5 | 0.9 | 70 |
| J598382 | | 1.14 | 16.60 | 0.18 | 5.2 | 0.014 | 3.75 | 44.7 | 7.6 | 0.07 | 261 | 2.10 | 2.53 | 13.9 | 1.4 | 70 |
| J598383 | | 1.13 | 15.45 | 0.18 | 5.4 | 0.019 | 3.53 | 42.3 | 11.0 | 0.06 | 276 | 2.67 | 2.37 | 13.8 | 1.3 | 70 |
| J598384 | | 1.04 | 14.45 | 0.13 | 5.5 | 0.014 | 3.29 | 41.0 | 7.7 | 0.06 | 243 | 1.83 | 2.47 | 15.7 | 1.2 | 60 |
| J598385 | | 1.08 | 16.25 | 0.16 | 4.7 | 0.010 | 3.61 | 43.1 | 5.5 | 0.07 | 262 | 1.39 | 2.58 | 14.9 | 1.6 | 70 |
| J598386 | | 1.13 | 15.45 | 0.19 | 4.1 | 0.017 | 3.46 | 47.5 | 8.9 | 0.07 | 307 | 1.69 | 2.42 | 13.2 | 1.3 | 70 |
| J598387 | | 1.04 | 15.45 | 0.21 | 4.5 | 0.018 | 3.47 | 46.0 | 9.8 | 0.06 | 342 | 1.37 | 2.40 | 13.5 | 1.4 | 80 |
| J598388 | | 1.05 | 16.80 | 0.21 | 4.6 | 0.011 | 3.60 | 46.0 | 6.9 | 0.07 | 179 | 1.56 | 2.61 | 15.5 | 1.1 | 70 |
| J598389 | | 1.01 | 15.50 | 0.18 | 4.6 | 0.008 | 3.55 | 41.3 | 5.8 | 0.06 | 173 | 2.95 | 2.50 | 14.1 | 1.3 | 70 |
| J598390 | | 1.08 | 16.05 | 0.21 | 4.6 | 0.009 | 3.53 | 42.2 | 7.1 | 0.06 | 237 | 4.28 | 2.44 | 14.1 | 1.2 | 70 |
| J598391 | | 1.13 | 16.00 | 0.20 | 4.6 | 0.011 | 3.49 | 45.3 | 10.2 | 0.07 | 273 | 2.38 | 2.44 | 13.8 | 1.3 | 70 |
| J598392 | | 1.11 | 15.95 | 0.21 | 4.6 | 0.008 | 3.55 | 46.0 | 6.3 | 0.07 | 185 | 1.60 | 2.50 | 14.1 | 1.7 | 80 |
| J598393 | | 1.03 | 15.70 | 0.20 | 4.5 | 0.009 | 3.49 | 41.0 | 8.0 | 0.06 | 254 | 2.92 | 2.45 | 14.1 | 1.0 | 80 |
| J598394 | | 1.14 | 15.95 | 0.21 | 4.9 | 0.031 | 3.54 | 43.7 | 10.9 | 0.06 | 331 | 4.69 | 2.48 | 14.9 | 1.5 | 70 |
| J598395 | | 1.14 | 15.90 | 0.22 | 4.8 | 0.012 | 3.47 | 41.6 | 9.7 | 0.06 | 275 | 6.74 | 2.40 | 14.1 | 1.6 | 70 |
| J598396 | | 1.05 | 15.15 | 0.19 | 4.1 | 0.022 | 3.40 | 39.2 | 11.1 | 0.06 | 249 | 9.43 | 2.37 | 13.3 | 1.2 | 70 |
| J598397 | | 1.07 | 15.55 | 0.20 | 4.5 | 0.022 | 3.36 | 42.1 | 11.6 | 0.06 | 265 | 6.87 | 2.36 | 13.8 | 1.0 | 70 |
| J598398 | | 1.21 | 15.65 | 0.21 | 4.3 | 0.015 | 3.45 | 43.4 | 8.6 | 0.07 | 214 | 1.60 | 2.42 | 14.5 | 1.3 | 70 |
| J598399 | | 1.20 | 15.95 | 0.19 | 5.2 | 0.022 | 3.41 | 43.0 | 11.6 | 0.06 | 249 | 1.78 | 2.43 | 15.0 | 1.8 | 60 |
| J598400 | | 1.31 | 3.51 | 0.07 | 0.6 | 0.012 | 0.15 | 8.4 | 19.5 | 0.02 | 101 | 0.67 | 0.02 | 3.4 | 5.5 | 50 |
| J598401 | | 1.18 | 16.25 | 0.18 | 4.9 | 0.014 | 3.48 | 41.5 | 11.4 | 0.07 | 227 | 1.35 | 2.42 | 15.0 | 2.2 | 70 |
| J598402 | | 1.33 | 17.05 | 0.21 | 5.5 | 0.015 | 3.73 | 45.2 | 10.6 | 0.07 | 266 | 1.53 | 2.53 | 14.7 | 1.3 | 80 |
| J598403 | | 1.37 | 17.90 | 0.21 | 5.8 | 0.016 | 3.77 | 44.5 | 10.8 | 0.08 | 243 | 1.56 | 2.63 | 17.5 | 1.9 | 70 |
| J598404 | | 1.42 | 16.95 | 0.20 | 5.3 | 0.015 | 3.64 | 43.6 | 9.7 | 0.07 | 234 | 1.65 | 2.53 | 15.4 | 1.6 | 70 |
| J598405 | | 1.32 | 16.40 | 0.21 | 5.4 | 0.013 | 3.52 | 42.6 | 9.7 | 0.06 | 218 | 1.58 | 2.46 | 15.1 | 1.8 | 70 |
| J598406 | | 1.20 | 16.25 | 0.20 | 5.0 | 0.022 | 3.50 | 41.5 | 10.0 | 0.06 | 220 | 2.02 | 2.40 | 14.1 | 1.2 | 70 |
| J598407 | | 1.20 | 16.25 | 0.20 | 5.6 | 0.012 | 3.39 | 38.5 | 8.3 | 0.06 | 174 | 1.68 | 2.44 | 15.0 | 1.5 | 70 |
| J598408 | | 1.25 | 17.00 | 0.20 | 5.4 | 0.016 | 3.63 | 40.8 | 8.4 | 0.06 | 152 | 1.76 | 2.57 | 16.2 | 1.5 | 70 |
| J598409 | | 1.35 | 16.25 | 0.11 | 5.2 | 0.014 | 3.56 | 44.7 | 6.8 | 0.06 | 173 | 2.02 | 2.50 | 15.9 | 2.5 | 70 |
| J598410 | | 1.31 | 15.70 | 0.13 | 5.3 | 0.014 | 3.50 | 44.2 | 6.8 | 0.06 | 195 | 1.53 | 2.34 | 14.6 | 1.4 | 60 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598371 | | 6.1 | 138.0 | <0.002 | 0.05 | 0.94 | 3.8 | 1 | 1.8 | 45.6 | 1.32 | <0.05 | 16.4 | 0.069 | 0.58 | 3.8 |
| J598372 | | 5.3 | 147.5 | <0.002 | 0.04 | 0.82 | 3.8 | 1 | 1.7 | 43.1 | 1.38 | <0.05 | 18.5 | 0.066 | 0.61 | 4.2 |
| J598373 | | 21.3 | 143.5 | <0.002 | 0.11 | 1.07 | 3.8 | 1 | 2.0 | 40.1 | 1.44 | <0.05 | 18.0 | 0.070 | 0.58 | 4.9 |
| J598374 | | 6.9 | 151.5 | <0.002 | 0.04 | 0.75 | 3.7 | 1 | 1.7 | 42.5 | 1.39 | <0.05 | 19.1 | 0.070 | 0.63 | 4.6 |
| J598375 | | 74.5 | 600 | <0.002 | 3.14 | 1.36 | 3.0 | 1 | 1.0 | 175.5 | 0.76 | 0.06 | 2.2 | 0.222 | 5.83 | 1.1 |
| J598376 | | 7.1 | 153.0 | <0.002 | 0.04 | 0.69 | 3.8 | 1 | 1.7 | 43.2 | 1.44 | <0.05 | 18.1 | 0.071 | 0.61 | 4.3 |
| J598377 | | 6.7 | 150.5 | <0.002 | 0.02 | 0.68 | 3.8 | 1 | 1.8 | 40.6 | 1.43 | <0.05 | 18.3 | 0.074 | 0.61 | 4.3 |
| J598378 | | 6.1 | 151.5 | <0.002 | <0.01 | 0.55 | 3.6 | 1 | 1.6 | 40.4 | 1.34 | <0.05 | 17.1 | 0.068 | 0.59 | 4.1 |
| J598379 | | 6.4 | 158.5 | <0.002 | 0.01 | 0.45 | 3.7 | 1 | 1.5 | 43.0 | 1.45 | <0.05 | 17.7 | 0.067 | 0.61 | 4.2 |
| J598380 | | 5.8 | 151.0 | <0.002 | <0.01 | 0.45 | 3.8 | 1 | 1.7 | 42.0 | 1.47 | <0.05 | 17.7 | 0.071 | 0.56 | 4.2 |
| J598381 | | 6.2 | 154.0 | <0.002 | 0.02 | 0.54 | 3.8 | 1 | 1.7 | 42.6 | 1.48 | <0.05 | 19.4 | 0.071 | 0.59 | 4.8 |
| J598382 | | 5.1 | 153.0 | <0.002 | 0.04 | 0.63 | 3.8 | 1 | 1.7 | 44.7 | 1.40 | <0.05 | 17.4 | 0.075 | 0.60 | 4.5 |
| J598383 | | 20.1 | 139.0 | <0.002 | 0.10 | 0.69 | 3.7 | 1 | 1.7 | 44.7 | 1.42 | <0.05 | 18.5 | 0.073 | 0.52 | 4.5 |
| J598384 | | 10.2 | 151.5 | <0.002 | 0.03 | 0.70 | 4.2 | 1 | 1.5 | 47.7 | 1.49 | <0.05 | 20.2 | 0.072 | 0.63 | 5.4 |
| J598385 | | 7.4 | 148.5 | <0.002 | 0.02 | 0.62 | 3.9 | 1 | 1.5 | 42.6 | 1.44 | <0.05 | 18.4 | 0.076 | 0.60 | 4.7 |
| J598386 | | 15.5 | 135.0 | <0.002 | 0.07 | 0.63 | 3.8 | 1 | 1.6 | 47.9 | 1.20 | <0.05 | 16.7 | 0.077 | 0.54 | 4.2 |
| J598387 | | 11.4 | 132.0 | <0.002 | 0.06 | 0.65 | 4.0 | 1 | 1.5 | 50.4 | 1.26 | <0.05 | 16.7 | 0.078 | 0.53 | 4.3 |
| J598388 | | 5.6 | 144.0 | <0.002 | 0.01 | 0.77 | 4.1 | 1 | 1.4 | 47.8 | 1.46 | <0.05 | 18.8 | 0.077 | 0.55 | 4.7 |
| J598389 | | 6.4 | 141.5 | <0.002 | 0.01 | 0.55 | 3.8 | 1 | 1.2 | 41.5 | 1.31 | <0.05 | 16.8 | 0.074 | 0.56 | 4.4 |
| J598390 | | 6.6 | 133.5 | <0.002 | 0.02 | 0.69 | 3.8 | 1 | 1.4 | 43.5 | 1.32 | <0.05 | 18.1 | 0.074 | 0.54 | 4.4 |
| J598391 | | 26.5 | 132.0 | <0.002 | 0.06 | 0.80 | 4.1 | 1 | 1.6 | 51.2 | 1.28 | <0.05 | 17.7 | 0.077 | 0.50 | 4.7 |
| J598392 | | 5.5 | 143.5 | <0.002 | 0.01 | 0.51 | 4.2 | 1 | 1.3 | 46.1 | 1.41 | <0.05 | 17.7 | 0.079 | 0.56 | 4.3 |
| J598393 | | 10.7 | 132.0 | <0.002 | 0.05 | 0.48 | 3.8 | 1 | 1.6 | 42.6 | 1.35 | <0.05 | 17.0 | 0.077 | 0.56 | 4.3 |
| J598394 | | 11.4 | 132.5 | <0.002 | 0.11 | 0.69 | 4.0 | 1 | 2.1 | 48.4 | 1.47 | <0.05 | 18.3 | 0.079 | 0.54 | 4.8 |
| J598395 | | 39.9 | 133.0 | <0.002 | 0.08 | 1.19 | 4.0 | 1 | 1.5 | 48.5 | 1.34 | <0.05 | 16.4 | 0.077 | 0.53 | 4.4 |
| J598396 | | 45.8 | 131.5 | <0.002 | 0.07 | 0.86 | 3.9 | 1 | 1.5 | 44.2 | 1.24 | <0.05 | 15.8 | 0.075 | 0.51 | 4.3 |
| J598397 | | 32.1 | 137.0 | <0.002 | 0.07 | 0.73 | 4.1 | 1 | 1.7 | 43.8 | 1.31 | <0.05 | 16.2 | 0.078 | 0.55 | 4.3 |
| J598398 | | 5.4 | 134.5 | <0.002 | 0.04 | 0.91 | 4.1 | 1 | 1.6 | 49.6 | 1.36 | <0.05 | 17.1 | 0.075 | 0.53 | 4.6 |
| J598399 | | 13.3 | 138.5 | <0.002 | 0.05 | 0.96 | 4.1 | 1 | 2.0 | 46.7 | 1.49 | <0.05 | 19.7 | 0.073 | 0.53 | 5.2 |
| J598400 | | 28.3 | 12.2 | <0.002 | 0.96 | 0.56 | 1.4 | 1 | 1.3 | 13.6 | 0.30 | <0.05 | 3.1 | 0.085 | 0.43 | 0.4 |
| J598401 | | 8.0 | 150.5 | <0.002 | 0.03 | 0.65 | 4.2 | 1 | 1.8 | 48.5 | 1.51 | <0.05 | 19.8 | 0.076 | 0.62 | 4.9 |
| J598402 | | 6.4 | 160.0 | <0.002 | 0.02 | 0.69 | 4.4 | 1 | 1.8 | 48.4 | 1.49 | <0.05 | 20.8 | 0.076 | 0.69 | 4.8 |
| J598403 | | 7.2 | 161.5 | <0.002 | 0.02 | 0.82 | 4.6 | 1 | 1.8 | 58.6 | 1.74 | <0.05 | 22.5 | 0.078 | 0.69 | 5.8 |
| J598404 | | 6.1 | 152.5 | <0.002 | 0.01 | 0.81 | 4.4 | 1 | 1.6 | 51.4 | 1.54 | <0.05 | 20.2 | 0.078 | 0.63 | 5.0 |
| J598405 | | 7.9 | 144.5 | <0.002 | 0.02 | 0.77 | 4.0 | 1 | 1.5 | 51.8 | 1.53 | <0.05 | 20.5 | 0.075 | 0.60 | 5.2 |
| J598406 | | 69.5 | 144.5 | <0.002 | 0.04 | 1.25 | 4.0 | 1 | 1.5 | 51.7 | 1.45 | <0.05 | 19.4 | 0.072 | 0.62 | 4.9 |
| J598407 | | 6.3 | 152.0 | <0.002 | 0.01 | 0.63 | 4.0 | 1 | 1.6 | 43.4 | 1.54 | <0.05 | 19.3 | 0.073 | 0.63 | 4.9 |
| J598408 | | 10.3 | 161.5 | <0.002 | 0.01 | 0.64 | 4.2 | 1 | 1.5 | 43.1 | 1.62 | <0.05 | 20.7 | 0.077 | 0.68 | 5.2 |
| J598409 | | 22.1 | 161.5 | <0.002 | 0.03 | 0.70 | 4.1 | <1 | 1.9 | 41.2 | 1.52 | <0.05 | 21.1 | 0.074 | 0.62 | 5.6 |
| J598410 | | 4.9 | 148.5 | <0.002 | 0.02 | 0.71 | 4.2 | <1 | 1.6 | 50.3 | 1.37 | <0.05 | 19.6 | 0.068 | 0.55 | 5.0 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 V ppm 1 | ME-MS61 W ppm 0.1 | ME-MS61 Y ppm 0.1 | ME-MS61 Zn ppm 2 | ME-MS61 Zr ppm 0.5 |
|---|---|---|---|---|---|---|
| J598371 | | 3 | 1.4 | 14.7 | 20 | 123.0 |
| J598372 | | 3 | 1.5 | 14.5 | 12 | 136.5 |
| J598373 | | 3 | 2.0 | 17.4 | 77 | 131.0 |
| J598374 | | 3 | 1.4 | 16.9 | 20 | 141.5 |
| J598375 | | 28 | 0.2 | 4.6 | 38 | 41.8 |
| J598376 | | 3 | 1.3 | 17.9 | 17 | 141.0 |
| J598377 | | 3 | 1.5 | 20.9 | 16 | 130.5 |
| J598378 | | 3 | 1.3 | 16.8 | 15 | 136.5 |
| J598379 | | 3 | 1.2 | 15.1 | 14 | 133.0 |
| J598380 | | 3 | 1.4 | 20.2 | 14 | 136.5 |
| J598381 | | 3 | 1.4 | 22.3 | 14 | 153.5 |
| J598382 | | 3 | 1.5 | 18.4 | 13 | 134.5 |
| J598383 | | 3 | 1.1 | 19.1 | 50 | 140.0 |
| J598384 | | 3 | 1.3 | 22.2 | 26 | 147.0 |
| J598385 | | 3 | 1.4 | 18.1 | 20 | 134.5 |
| J598386 | | 3 | 1.0 | 17.7 | 73 | 123.5 |
| J598387 | | 4 | 1.2 | 18.7 | 52 | 132.5 |
| J598388 | | 3 | 1.3 | 21.3 | 10 | 131.5 |
| J598389 | | 3 | 1.2 | 19.5 | 9 | 136.0 |
| J598390 | | 3 | 1.2 | 18.5 | 11 | 136.5 |
| J598391 | | 3 | 1.0 | 20.5 | 31 | 142.0 |
| J598392 | | 3 | 1.1 | 19.6 | 8 | 132.5 |
| J598393 | | 3 | 1.2 | 22.2 | 27 | 134.5 |
| J598394 | | 3 | 1.5 | 22.2 | 81 | 138.0 |
| J598395 | | 3 | 1.1 | 20.4 | 60 | 146.0 |
| J598396 | | 3 | 0.9 | 18.9 | 66 | 115.5 |
| J598397 | | 3 | 0.8 | 21.1 | 65 | 130.0 |
| J598398 | | 3 | 1.2 | 21.6 | 13 | 126.5 |
| J598399 | | 3 | 1.4 | 26.8 | 29 | 153.0 |
| J598400 | | 8 | 0.9 | 2.7 | 14 | 19.1 |
| J598401 | | 4 | 1.3 | 24.5 | 19 | 138.5 |
| J598402 | | 4 | 1.6 | 24.1 | 18 | 160.0 |
| J598403 | | 5 | 2.0 | 26.3 | 18 | 164.0 |
| J598404 | | 4 | 1.7 | 25.2 | 14 | 155.5 |
| J598405 | | 3 | 1.5 | 25.7 | 19 | 157.5 |
| J598406 | | 3 | 1.8 | 22.6 | 49 | 143.5 |
| J598407 | | 3 | 1.7 | 29.1 | 12 | 163.0 |
| J598408 | | 3 | 1.7 | 32.6 | 20 | 154.5 |
| J598409 | | 3 | 1.6 | 27.9 | 31 | 148.0 |
| J598410 | | 3 | 1.7 | 19.6 | 9 | 149.0 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598411 | | 2.08 | <0.005 | 0.06 | 5.84 | 34.6 | 580 | 1.71 | 0.05 | 0.51 | 0.03 | 90.6 | 2.3 | 21 | 2.87 | 23.3 |
| J598412 | | 2.15 | 0.025 | 0.31 | 5.73 | 42.2 | 540 | 1.87 | 0.13 | 0.44 | 0.12 | 94.3 | 2.2 | 27 | 2.38 | 19.6 |
| J598413 | | 1.29 | <0.005 | 0.04 | 5.84 | 32.4 | 540 | 2.11 | 0.05 | 0.44 | 0.02 | 88.8 | 1.7 | 19 | 2.36 | 8.6 |
| J598414 | | 1.21 | 0.013 | 0.08 | 5.61 | 46.5 | 540 | 1.75 | 0.06 | 0.54 | <0.02 | 82.5 | 2.8 | 19 | 2.09 | 60.9 |
| J598415 | | 1.42 | <0.005 | 0.03 | 5.78 | 164.0 | 660 | 2.28 | 0.02 | 0.61 | <0.02 | 63.9 | 1.1 | 21 | 1.98 | 5.8 |
| J598416 | | 1.48 | <0.005 | 0.07 | 6.24 | 120.0 | 680 | 2.67 | 0.02 | 0.66 | 0.02 | 118.0 | 0.8 | 16 | 2.36 | 3.9 |
| J598417 | | 1.79 | <0.005 | 0.06 | 5.83 | 45.6 | 580 | 1.98 | 0.11 | 0.46 | 0.16 | 95.4 | 1.3 | 21 | 2.08 | 8.7 |
| J598418 | | 1.69 | <0.005 | 0.07 | 5.87 | 88.2 | 560 | 2.03 | 0.16 | 0.45 | 0.18 | 88.6 | 1.6 | 17 | 1.58 | 10.2 |
| J598419 | | 1.58 | <0.005 | 0.04 | 5.99 | 57.3 | 580 | 1.97 | 0.18 | 0.48 | 0.32 | 95.1 | 1.4 | 22 | 1.55 | 10.9 |
| J598420 | | 1.57 | <0.005 | 0.08 | 6.39 | 24.1 | 590 | 1.98 | 0.26 | 0.55 | 1.01 | 101.0 | 1.6 | 22 | 1.80 | 16.2 |
| J598421 | | 1.75 | <0.005 | 0.10 | 6.11 | 28.2 | 590 | 2.01 | 0.11 | 0.33 | 0.35 | 86.5 | 1.7 | 19 | 1.67 | 9.0 |
| J598422 | | 1.84 | <0.005 | 0.02 | 6.14 | 16.4 | 560 | 2.03 | 0.09 | 0.46 | 0.14 | 87.0 | 1.8 | 19 | 1.96 | 4.5 |
| J598423 | | 1.78 | <0.005 | 0.06 | 6.25 | 16.4 | 580 | 2.12 | 0.08 | 0.47 | 0.09 | 91.3 | 2.0 | 22 | 2.18 | 4.5 |
| J598424 | | 1.77 | <0.005 | 0.01 | 6.41 | 16.6 | 540 | 2.05 | 0.08 | 0.48 | 0.04 | 100.5 | 2.3 | 20 | 1.84 | 3.2 |
| J598425 | | 0.04 | 8.65 | 0.53 | 7.92 | 3.3 | 180 | 2.05 | 0.19 | 1.08 | 0.63 | 17.20 | 10.9 | 39 | 1.57 | 17.0 |
| J598426 | | 1.85 | 0.081 | 0.04 | 6.03 | 34.8 | 540 | 1.92 | 0.07 | 0.55 | 0.26 | 87.4 | 1.7 | 24 | 1.46 | 7.9 |
| J598427 | | 1.52 | 0.006 | 0.05 | 6.34 | 21.8 | 590 | 1.93 | 0.06 | 0.58 | 0.09 | 101.5 | 1.8 | 18 | 1.63 | 7.0 |
| J598428 | | 1.83 | <0.005 | 0.01 | 6.15 | 7.1 | 570 | 2.04 | 0.05 | 0.48 | 0.02 | 86.4 | 1.8 | 17 | 1.41 | 3.5 |
| J598429 | | 1.71 | <0.005 | 0.03 | 6.43 | 2.9 | 620 | 2.08 | 0.06 | 0.46 | 0.03 | 94.4 | 1.9 | 18 | 1.88 | 2.7 |
| J598430 | | 1.86 | <0.005 | 0.02 | 6.60 | 0.8 | 640 | 1.98 | 0.05 | 0.47 | 0.03 | 96.6 | 1.9 | 19 | 1.88 | 2.7 |
| J598431 | | 1.93 | <0.005 | 0.03 | 6.47 | 2.5 | 590 | 2.66 | 0.05 | 0.47 | 0.03 | 94.1 | 1.8 | 20 | 2.13 | 2.0 |
| J598432 | | 1.88 | <0.005 | 0.03 | 6.44 | 4.1 | 610 | 2.51 | 0.06 | 0.47 | 0.02 | 96.1 | 1.7 | 18 | 2.46 | 1.8 |
| J598433 | | 1.83 | <0.005 | 0.04 | 6.64 | 4.7 | 640 | 2.11 | 0.07 | 0.46 | 0.03 | 99.2 | 1.8 | 25 | 2.21 | 3.0 |
| J598434 | | 1.86 | <0.005 | 0.06 | 6.33 | 5.5 | 570 | 2.09 | 0.06 | 0.46 | 0.04 | 91.6 | 1.7 | 25 | 1.75 | 3.9 |
| J598435 | | 1.73 | 0.015 | 0.04 | 6.15 | 4.7 | 560 | 2.22 | 0.05 | 0.52 | 0.02 | 90.2 | 1.9 | 24 | 1.56 | 3.5 |
| J598436 | | 1.85 | <0.005 | 0.05 | 6.62 | 8.9 | 600 | 3.20 | 0.06 | 0.50 | 0.02 | 90.6 | 1.4 | 18 | 1.71 | 3.7 |
| J598437 | | 1.82 | <0.005 | 0.06 | 6.39 | 14.2 | 580 | 2.26 | 0.06 | 0.52 | 0.02 | 92.9 | 1.9 | 20 | 1.50 | 4.1 |
| J598438 | | 1.94 | 0.009 | 0.06 | 6.09 | 9.5 | 570 | 1.92 | 0.06 | 0.46 | 0.05 | 88.1 | 1.7 | 18 | 1.37 | 5.0 |
| J598439 | | 1.82 | <0.005 | 0.08 | 6.23 | 6.7 | 560 | 2.25 | 0.07 | 0.40 | 0.03 | 88.7 | 1.9 | 23 | 1.73 | 3.1 |
| J598440 | | 1.87 | <0.005 | 0.14 | 6.50 | 15.4 | 580 | 2.31 | 0.07 | 0.45 | 0.06 | 93.9 | 1.3 | 25 | 1.61 | 4.0 |
| J598441 | | 1.81 | <0.005 | 0.02 | 6.38 | 31.8 | 490 | 2.25 | 0.07 | 0.50 | 0.02 | 95.1 | 1.7 | 22 | 1.58 | 2.4 |
| J598442 | | 1.87 | <0.005 | 0.04 | 6.41 | 11.3 | 540 | 2.29 | 0.09 | 0.43 | 0.03 | 92.2 | 1.0 | 23 | 1.42 | 4.0 |
| J598443 | | 2.07 | <0.005 | 0.08 | 6.12 | 13.1 | 530 | 2.26 | 0.08 | 0.43 | 0.04 | 91.8 | 1.3 | 21 | 1.48 | 4.1 |
| J598444 | | 2.09 | <0.005 | 0.06 | 6.24 | 16.0 | 550 | 2.12 | 0.08 | 0.52 | 0.04 | 90.4 | 1.4 | 19 | 1.28 | 2.7 |
| J598445 | | 2.01 | 0.081 | 0.33 | 6.24 | 37.4 | 580 | 2.19 | 0.08 | 0.56 | 0.28 | 95.2 | 1.9 | 19 | 1.72 | 8.1 |
| J598446 | | 2.09 | <0.005 | 0.25 | 6.31 | 16.6 | 540 | 2.27 | 0.09 | 0.48 | 0.14 | 97.2 | 1.6 | 22 | 1.45 | 5.6 |
| J598447 | | 2.08 | <0.005 | 0.10 | 6.20 | 12.1 | 560 | 2.11 | 0.05 | 0.49 | 0.05 | 89.0 | 2.2 | 19 | 1.40 | 3.3 |
| J598448 | | 2.18 | <0.005 | 0.09 | 6.18 | 7.2 | 580 | 2.21 | 0.06 | 0.45 | 0.05 | 92.6 | 1.9 | 21 | 1.81 | 3.2 |
| J598449 | | 1.89 | <0.005 | 0.13 | 6.27 | 5.5 | 580 | 2.22 | 0.06 | 0.44 | 0.07 | 92.7 | 2.0 | 20 | 2.09 | 3.1 |
| J598450 | | 0.03 | 3.46 | 0.24 | 1.56 | 0.9 | 110 | 0.36 | 0.16 | 0.01 | 0.14 | 17.65 | 1.3 | 12 | 0.65 | 7.3 |

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

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**TORONTO ON M5H 3W4**


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598411 | | 1.44 | 16.10 | 0.15 | 5.2 | 0.013 | 3.43 | 44.2 | 9.1 | 0.07 | 191 | 1.72 | 2.35 | 14.2 | 2.0 | 70 |
| J598412 | | 1.28 | 15.90 | 0.15 | 5.5 | 0.015 | 3.54 | 45.7 | 6.9 | 0.06 | 181 | 1.82 | 2.40 | 15.4 | 1.4 | 70 |
| J598413 | | 1.28 | 16.05 | 0.13 | 5.1 | 0.014 | 3.57 | 42.9 | 6.4 | 0.06 | 197 | 2.37 | 2.36 | 15.7 | 1.9 | 70 |
| J598414 | | 1.08 | 14.65 | 0.12 | 4.9 | 0.014 | 3.57 | 39.4 | 7.0 | 0.05 | 163 | 1.92 | 2.19 | 15.2 | 2.1 | 60 |
| J598415 | | 0.97 | 15.35 | 0.09 | 5.0 | 0.026 | 3.53 | 31.1 | 11.8 | 0.06 | 183 | 4.86 | 2.12 | 12.3 | 2.9 | 60 |
| J598416 | | 0.93 | 16.40 | 0.18 | 5.9 | 0.018 | 3.71 | 57.5 | 11.9 | 0.08 | 210 | 0.97 | 2.26 | 16.7 | 1.1 | 60 |
| J598417 | | 1.30 | 15.95 | 0.14 | 5.2 | 0.054 | 3.48 | 46.4 | 7.9 | 0.06 | 252 | 2.32 | 2.38 | 14.5 | 1.9 | 70 |
| J598418 | | 1.36 | 16.15 | 0.12 | 5.2 | 0.044 | 3.50 | 42.7 | 9.6 | 0.06 | 297 | 2.23 | 2.44 | 15.1 | 1.4 | 70 |
| J598419 | | 1.39 | 16.55 | 0.14 | 5.5 | 0.079 | 3.52 | 46.0 | 11.7 | 0.06 | 340 | 2.32 | 2.44 | 15.0 | 1.8 | 70 |
| J598420 | | 1.30 | 17.85 | 0.11 | 4.7 | 0.159 | 3.58 | 49.9 | 10.6 | 0.07 | 324 | 2.77 | 2.61 | 16.1 | 1.2 | 70 |
| J598421 | | 1.22 | 16.70 | 0.14 | 4.9 | 0.073 | 3.55 | 42.9 | 12.4 | 0.06 | 187 | 3.76 | 2.47 | 15.2 | 1.7 | 80 |
| J598422 | | 1.44 | 17.10 | 0.14 | 4.6 | 0.031 | 3.49 | 42.7 | 8.4 | 0.07 | 276 | 3.17 | 2.58 | 15.0 | 1.5 | 70 |
| J598423 | | 1.44 | 17.10 | 0.15 | 4.6 | 0.023 | 3.47 | 44.8 | 9.1 | 0.08 | 276 | 3.54 | 2.58 | 15.1 | 2.0 | 70 |
| J598424 | | 1.24 | 17.55 | 0.19 | 4.9 | 0.020 | 3.60 | 49.5 | 8.1 | 0.07 | 185 | 2.48 | 2.68 | 16.1 | 1.3 | 60 |
| J598425 | | 4.44 | 20.1 | 0.09 | 1.2 | 0.019 | 2.32 | 8.6 | 2.1 | 0.97 | 274 | 2.10 | 4.85 | 10.6 | 40.8 | 690 |
| J598426 | | 1.30 | 16.25 | 0.13 | 4.7 | 0.022 | 3.40 | 42.5 | 10.6 | 0.06 | 234 | 2.67 | 2.47 | 14.8 | 2.1 | 70 |
| J598427 | | 1.43 | 17.40 | 0.17 | 5.0 | 0.024 | 3.55 | 50.1 | 12.9 | 0.07 | 254 | 3.18 | 2.56 | 15.0 | 1.5 | 80 |
| J598428 | | 1.19 | 16.75 | 0.17 | 5.0 | 0.015 | 3.45 | 42.4 | 7.9 | 0.07 | 170 | 1.84 | 2.63 | 15.6 | 1.4 | 70 |
| J598429 | | 1.42 | 17.40 | 0.20 | 5.0 | 0.015 | 3.61 | 46.9 | 8.7 | 0.08 | 190 | 2.18 | 2.71 | 15.7 | 2.3 | 70 |
| J598430 | | 1.57 | 17.00 | 0.17 | 5.1 | 0.014 | 3.63 | 47.5 | 8.7 | 0.08 | 204 | 1.81 | 2.76 | 15.6 | 1.6 | 80 |
| J598431 | | 1.41 | 17.05 | 0.20 | 4.6 | 0.015 | 3.59 | 46.4 | 9.7 | 0.08 | 187 | 1.79 | 2.73 | 15.9 | 1.9 | 70 |
| J598432 | | 1.48 | 17.05 | 0.19 | 5.0 | 0.015 | 3.61 | 47.2 | 9.5 | 0.08 | 203 | 2.37 | 2.75 | 16.3 | 1.5 | 70 |
| J598433 | | 1.51 | 17.50 | 0.20 | 4.8 | 0.017 | 3.71 | 48.7 | 7.6 | 0.08 | 219 | 1.76 | 2.84 | 16.6 | 2.2 | 70 |
| J598434 | | 1.52 | 16.40 | 0.17 | 5.0 | 0.016 | 3.50 | 44.9 | 8.7 | 0.07 | 206 | 1.87 | 2.67 | 15.8 | 1.6 | 70 |
| J598435 | | 1.45 | 16.50 | 0.21 | 4.8 | 0.016 | 3.47 | 44.1 | 9.9 | 0.06 | 208 | 2.09 | 2.55 | 15.5 | 2.1 | 60 |
| J598436 | | 1.37 | 17.40 | 0.21 | 4.9 | 0.016 | 3.68 | 44.4 | 10.5 | 0.07 | 220 | 2.35 | 2.75 | 15.8 | 1.3 | 80 |
| J598437 | | 1.33 | 16.75 | 0.21 | 5.0 | 0.016 | 3.51 | 45.5 | 10.6 | 0.07 | 216 | 2.17 | 2.70 | 16.3 | 1.8 | 70 |
| J598438 | | 1.32 | 15.85 | 0.21 | 4.7 | 0.018 | 3.41 | 43.3 | 8.6 | 0.07 | 182 | 2.18 | 2.57 | 14.8 | 1.4 | 70 |
| J598439 | | 1.36 | 16.50 | 0.19 | 5.0 | 0.019 | 3.54 | 43.4 | 7.0 | 0.08 | 200 | 2.09 | 2.70 | 16.1 | 2.2 | 70 |
| J598440 | | 1.36 | 16.95 | 0.21 | 5.0 | 0.023 | 3.59 | 46.2 | 7.8 | 0.08 | 201 | 1.64 | 2.76 | 15.1 | 1.6 | 70 |
| J598441 | | 1.31 | 17.00 | 0.21 | 5.2 | 0.021 | 3.47 | 46.4 | 7.5 | 0.07 | 218 | 1.70 | 2.73 | 15.8 | 1.8 | 60 |
| J598442 | | 1.27 | 16.85 | 0.22 | 5.2 | 0.020 | 3.52 | 44.9 | 7.0 | 0.08 | 190 | 1.84 | 2.74 | 16.3 | 1.3 | 70 |
| J598443 | | 1.30 | 16.50 | 0.21 | 4.7 | 0.021 | 3.43 | 45.0 | 7.1 | 0.08 | 192 | 2.70 | 2.60 | 15.9 | 1.8 | 70 |
| J598444 | | 1.28 | 16.20 | 0.21 | 4.6 | 0.021 | 3.41 | 44.8 | 8.7 | 0.07 | 189 | 3.53 | 2.58 | 14.9 | 1.2 | 60 |
| J598445 | | 1.30 | 16.40 | 0.21 | 4.5 | 0.026 | 3.48 | 47.6 | 13.6 | 0.08 | 210 | 4.25 | 2.52 | 14.3 | 1.6 | 80 |
| J598446 | | 1.35 | 16.25 | 0.20 | 4.9 | 0.024 | 3.46 | 47.9 | 8.3 | 0.07 | 175 | 3.35 | 2.64 | 15.4 | 1.4 | 60 |
| J598447 | | 1.19 | 16.00 | 0.20 | 4.8 | 0.017 | 3.56 | 43.5 | 8.9 | 0.07 | 171 | 2.04 | 2.57 | 15.2 | 1.6 | 70 |
| J598448 | | 1.37 | 15.70 | 0.21 | 4.7 | 0.016 | 3.48 | 45.9 | 8.2 | 0.08 | 177 | 1.53 | 2.60 | 15.2 | 1.5 | 70 |
| J598449 | | 1.24 | 16.15 | 0.20 | 4.7 | 0.014 | 3.54 | 45.4 | 8.7 | 0.07 | 163 | 1.79 | 2.66 | 16.1 | 1.6 | 80 |
| J598450 | | 1.32 | 3.72 | 0.05 | 0.4 | 0.012 | 0.16 | 9.6 | 19.0 | 0.02 | 105 | 0.80 | 0.02 | 3.8 | 6.2 | 50 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598411 | | 9.6 | 141.0 | <0.002 | 0.17 | 0.84 | 4.2 | <1 | 1.4 | 50.5 | 1.29 | <0.05 | 18.6 | 0.074 | 0.50 | 4.9 |
| J598412 | | 7.8 | 143.5 | 0.002 | 0.13 | 0.84 | 3.8 | <1 | 1.4 | 48.4 | 1.46 | 0.08 | 20.5 | 0.070 | 0.53 | 5.2 |
| J598413 | | 7.4 | 142.0 | 0.002 | 0.07 | 0.68 | 4.0 | <1 | 1.4 | 47.8 | 1.45 | <0.05 | 21.1 | 0.070 | 0.52 | 5.3 |
| J598414 | | 7.3 | 133.0 | <0.002 | 0.28 | 0.91 | 3.4 | <1 | 0.8 | 47.0 | 1.44 | <0.05 | 20.0 | 0.056 | 0.62 | 6.1 |
| J598415 | | 6.8 | 139.0 | <0.002 | 0.04 | 0.53 | 3.8 | <1 | 1.6 | 49.6 | 1.18 | <0.05 | 14.5 | 0.054 | 0.48 | 4.2 |
| J598416 | | 6.7 | 146.5 | <0.002 | 0.05 | 0.69 | 3.2 | <1 | 1.0 | 55.8 | 1.55 | <0.05 | 24.5 | 0.064 | 0.53 | 5.4 |
| J598417 | | 7.9 | 152.0 | <0.002 | 0.08 | 0.69 | 4.3 | <1 | 1.6 | 45.8 | 1.30 | <0.05 | 19.1 | 0.080 | 0.63 | 5.1 |
| J598418 | | 14.5 | 155.5 | <0.002 | 0.10 | 0.65 | 4.1 | <1 | 1.4 | 38.6 | 1.42 | <0.05 | 19.8 | 0.072 | 0.71 | 5.1 |
| J598419 | | 12.3 | 160.5 | <0.002 | 0.10 | 0.48 | 4.4 | <1 | 1.2 | 40.5 | 1.39 | <0.05 | 19.8 | 0.078 | 0.70 | 5.0 |
| J598420 | | 23.5 | 161.0 | <0.002 | 0.11 | 0.59 | 4.4 | 2 | 1.4 | 42.9 | 1.59 | <0.05 | 19.5 | 0.090 | 0.69 | 4.7 |
| J598421 | | 27.2 | 159.0 | <0.002 | 0.07 | 0.61 | 4.2 | 2 | 1.5 | 41.0 | 1.62 | <0.05 | 19.5 | 0.086 | 0.71 | 4.3 |
| J598422 | | 8.2 | 158.0 | <0.002 | 0.04 | 0.42 | 4.2 | 2 | 1.8 | 40.4 | 1.45 | <0.05 | 19.7 | 0.088 | 0.71 | 4.6 |
| J598423 | | 13.1 | 160.0 | <0.002 | 0.03 | 0.39 | 4.4 | 2 | 1.9 | 40.4 | 1.46 | <0.05 | 19.2 | 0.092 | 0.69 | 4.7 |
| J598424 | | 8.9 | 168.5 | <0.002 | 0.01 | 0.38 | 4.2 | 2 | 2.2 | 36.5 | 1.66 | <0.05 | 22.9 | 0.081 | 0.74 | 5.0 |
| J598425 | | 93.8 | 204 | <0.002 | 3.26 | 1.25 | 3.8 | 1 | 1.1 | 180.0 | 0.86 | <0.05 | 2.7 | 0.278 | 1.98 | 0.9 |
| J598426 | | 33.3 | 154.0 | <0.002 | 0.07 | 0.55 | 4.0 | 1 | 1.7 | 40.4 | 1.45 | <0.05 | 19.0 | 0.082 | 0.65 | 4.7 |
| J598427 | | 23.9 | 158.5 | <0.002 | 0.05 | 0.43 | 4.3 | 2 | 2.0 | 43.6 | 1.54 | <0.05 | 20.7 | 0.089 | 0.66 | 4.9 |
| J598428 | | 6.8 | 153.5 | <0.002 | <0.01 | 0.30 | 4.1 | 2 | 1.9 | 38.8 | 1.54 | <0.05 | 19.6 | 0.089 | 0.60 | 4.8 |
| J598429 | | 12.9 | 163.5 | <0.002 | <0.01 | 0.26 | 4.4 | 2 | 1.8 | 41.7 | 1.51 | <0.05 | 20.9 | 0.093 | 0.65 | 5.0 |
| J598430 | | 12.9 | 163.5 | <0.002 | <0.01 | 0.25 | 4.5 | 2 | 1.8 | 41.5 | 1.53 | <0.05 | 20.3 | 0.096 | 0.62 | 4.7 |
| J598431 | | 12.0 | 161.0 | <0.002 | <0.01 | 0.27 | 4.4 | 2 | 1.8 | 39.9 | 1.57 | <0.05 | 21.2 | 0.091 | 0.64 | 4.9 |
| J598432 | | 11.1 | 163.0 | <0.002 | <0.01 | 0.32 | 4.5 | 2 | 2.0 | 39.9 | 1.67 | <0.05 | 21.5 | 0.094 | 0.62 | 4.9 |
| J598433 | | 12.3 | 169.0 | <0.002 | <0.01 | 0.33 | 4.6 | 2 | 2.3 | 39.6 | 1.64 | <0.05 | 21.4 | 0.097 | 0.67 | 5.0 |
| J598434 | | 10.2 | 156.5 | <0.002 | 0.01 | 0.27 | 4.3 | 2 | 2.1 | 37.9 | 1.59 | <0.05 | 21.3 | 0.089 | 0.63 | 5.0 |
| J598435 | | 6.1 | 156.5 | <0.002 | 0.01 | 0.29 | 4.3 | 2 | 2.0 | 37.7 | 1.56 | <0.05 | 20.4 | 0.086 | 0.62 | 4.9 |
| J598436 | | 7.4 | 166.5 | <0.002 | 0.01 | 0.35 | 4.5 | 2 | 2.1 | 40.6 | 1.50 | <0.05 | 21.0 | 0.091 | 0.67 | 4.8 |
| J598437 | | 6.9 | 160.0 | <0.002 | 0.01 | 0.35 | 4.4 | 2 | 2.1 | 39.4 | 1.64 | <0.05 | 22.7 | 0.088 | 0.63 | 5.6 |
| J598438 | | 15.6 | 154.5 | <0.002 | 0.02 | 0.39 | 4.2 | 2 | 2.0 | 36.7 | 1.43 | <0.05 | 19.0 | 0.086 | 0.57 | 4.6 |
| J598439 | | 7.1 | 166.0 | <0.002 | <0.01 | 0.48 | 4.2 | 2 | 2.1 | 32.4 | 1.61 | <0.05 | 20.5 | 0.088 | 0.61 | 4.6 |
| J598440 | | 7.0 | 162.5 | <0.002 | <0.01 | 0.79 | 4.7 | 2 | 2.1 | 43.1 | 1.43 | <0.05 | 21.6 | 0.087 | 0.58 | 4.8 |
| J598441 | | 4.7 | 155.0 | <0.002 | <0.01 | 0.97 | 4.4 | 2 | 1.9 | 49.1 | 1.63 | <0.05 | 23.9 | 0.077 | 0.56 | 5.4 |
| J598442 | | 4.9 | 162.5 | <0.002 | 0.01 | 0.90 | 4.3 | 2 | 2.0 | 37.6 | 1.69 | <0.05 | 22.0 | 0.083 | 0.57 | 5.4 |
| J598443 | | 4.7 | 152.5 | <0.002 | <0.01 | 0.94 | 4.3 | 2 | 1.9 | 41.8 | 1.55 | <0.05 | 20.1 | 0.086 | 0.55 | 4.8 |
| J598444 | | 4.1 | 148.0 | <0.002 | <0.01 | 1.18 | 4.2 | 2 | 2.0 | 44.4 | 1.37 | <0.05 | 20.7 | 0.081 | 0.54 | 4.6 |
| J598445 | | 18.1 | 161.5 | <0.002 | 0.03 | 1.19 | 4.6 | 2 | 2.8 | 36.1 | 1.33 | <0.05 | 19.9 | 0.086 | 0.60 | 4.6 |
| J598446 | | 4.4 | 155.5 | <0.002 | 0.01 | 0.86 | 4.3 | 2 | 2.1 | 36.4 | 1.50 | <0.05 | 21.9 | 0.079 | 0.57 | 5.5 |
| J598447 | | 4.1 | 150.5 | <0.002 | <0.01 | 0.69 | 4.2 | 2 | 1.8 | 40.8 | 1.49 | <0.05 | 20.7 | 0.083 | 0.54 | 4.3 |
| J598448 | | 6.9 | 154.5 | <0.002 | <0.01 | 0.47 | 4.3 | 2 | 1.8 | 38.2 | 1.42 | <0.05 | 19.2 | 0.091 | 0.59 | 4.7 |
| J598449 | | 12.1 | 158.5 | <0.002 | <0.01 | 0.36 | 4.4 | 2 | 1.9 | 37.8 | 1.56 | <0.05 | 20.9 | 0.089 | 0.61 | 5.2 |
| J598450 | | 28.7 | 13.2 | <0.002 | 1.00 | 0.62 | 1.5 | 1 | 1.5 | 14.0 | 0.32 | <0.05 | 3.6 | 0.100 | 0.42 | 0.4 |

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

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


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|
| J598411 | | 3 | 1.5 | 21.2 | 14 | 150.5 |
| J598412 | | 3 | 1.6 | 20.7 | 19 | 159.0 |
| J598413 | | 3 | 1.6 | 21.9 | 12 | 148.0 |
| J598414 | | 2 | 1.6 | 15.2 | 4 | 141.0 |
| J598415 | | 3 | 2.1 | 13.4 | 8 | 152.5 |
| J598416 | | 3 | 1.9 | 17.1 | 7 | 173.5 |
| J598417 | | 4 | 1.5 | 20.2 | 50 | 161.0 |
| J598418 | | 4 | 1.6 | 20.8 | 59 | 146.5 |
| J598419 | | 3 | 1.7 | 21.3 | 90 | 160.0 |
| J598420 | | 3 | 1.9 | 23.7 | 172 | 137.5 |
| J598421 | | 3 | 3.1 | 22.1 | 79 | 140.5 |
| J598422 | | 3 | 1.6 | 26.0 | 36 | 135.0 |
| J598423 | | 3 | 1.6 | 28.9 | 32 | 138.5 |
| J598424 | | 3 | 2.1 | 26.1 | 19 | 130.5 |
| J598425 | | 33 | 0.3 | 5.3 | 43 | 46.9 |
| J598426 | | 3 | 1.8 | 21.3 | 69 | 140.5 |
| J598427 | | 3 | 1.8 | 23.2 | 27 | 139.0 |
| J598428 | | 3 | 1.6 | 25.8 | 14 | 142.0 |
| J598429 | | 3 | 1.4 | 31.6 | 19 | 147.0 |
| J598430 | | 3 | 1.3 | 31.3 | 20 | 151.0 |
| J598431 | | 3 | 1.2 | 31.6 | 17 | 130.0 |
| J598432 | | 3 | 1.3 | 32.3 | 20 | 141.5 |
| J598433 | | 3 | 1.4 | 32.6 | 24 | 139.5 |
| J598434 | | 3 | 1.5 | 27.3 | 17 | 142.5 |
| J598435 | | 3 | 1.6 | 22.2 | 12 | 139.0 |
| J598436 | | 3 | 1.7 | 24.0 | 14 | 148.5 |
| J598437 | | 3 | 2.2 | 22.4 | 13 | 145.5 |
| J598438 | | 3 | 1.8 | 22.1 | 20 | 136.5 |
| J598439 | | 3 | 2.2 | 31.2 | 22 | 142.5 |
| J598440 | | 3 | 2.1 | 26.7 | 16 | 148.5 |
| J598441 | | 3 | 1.8 | 22.3 | 9 | 144.0 |
| J598442 | | 3 | 2.2 | 25.8 | 12 | 146.5 |
| J598443 | | 3 | 2.2 | 28.6 | 15 | 140.0 |
| J598444 | | 3 | 2.0 | 20.6 | 10 | 136.5 |
| J598445 | | 4 | 2.2 | 20.8 | 39 | 135.5 |
| J598446 | | 3 | 2.2 | 22.2 | 10 | 143.0 |
| J598447 | | 3 | 1.7 | 21.1 | 10 | 142.0 |
| J598448 | | 3 | 1.5 | 28.0 | 13 | 140.0 |
| J598449 | | 3 | 1.3 | 31.2 | 16 | 135.5 |
| J598450 | | 8 | 1.0 | 2.7 | 14 | 18.6 |

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

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


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598451 | | 1.94 | <0.005 | 0.18 | 6.16 | 5.1 | 570 | 2.30 | 0.06 | 0.43 | 0.08 | 90.2 | 2.2 | 18 | 1.87 | 3.0 |
| J598452 | | 1.97 | <0.005 | 0.06 | 6.27 | 6.0 | 580 | 2.21 | 0.06 | 0.46 | 0.02 | 91.5 | 1.8 | 17 | 1.61 | 3.0 |
| J598453 | | 1.99 | <0.005 | 0.08 | 6.35 | 14.8 | 610 | 2.10 | 0.05 | 0.53 | 0.04 | 93.0 | 1.7 | 18 | 1.42 | 3.0 |
| J598454 | | 1.89 | 0.034 | <0.01 | 6.35 | 37.3 | 640 | 2.18 | 0.05 | 0.51 | 0.05 | 104.5 | 2.0 | 21 | 1.82 | 5.1 |
| J598455 | | 2.00 | <0.005 | 0.04 | 6.24 | 29.4 | 600 | 2.00 | 0.06 | 0.49 | 0.03 | 88.7 | 2.4 | 18 | 1.30 | 5.2 |
| J598456 | | 1.81 | <0.005 | <0.01 | 5.83 | 28.6 | 570 | 1.96 | 0.07 | 0.45 | <0.02 | 86.1 | 2.5 | 18 | 1.16 | 7.8 |
| J598457 | | 1.94 | 0.008 | <0.01 | 6.20 | 30.0 | 630 | 1.94 | 0.05 | 0.45 | 0.03 | 90.2 | 2.1 | 18 | 1.19 | 5.4 |
| J598458 | | 1.96 | 0.034 | 0.02 | 6.25 | 52.7 | 630 | 2.08 | 0.04 | 0.41 | 0.10 | 86.4 | 2.4 | 21 | 1.15 | 7.3 |
| J598459 | | 2.00 | 0.014 | <0.01 | 6.15 | 28.8 | 630 | 1.97 | 0.04 | 0.42 | 0.02 | 89.7 | 2.2 | 18 | 1.20 | 6.4 |
| J598460 | | 1.88 | 0.008 | <0.01 | 6.12 | 23.0 | 600 | 2.03 | 0.05 | 0.47 | <0.02 | 92.6 | 1.7 | 17 | 1.22 | 9.5 |
| J598461 | | 1.85 | 0.059 | <0.01 | 6.04 | 113.5 | 580 | 2.07 | 0.05 | 0.49 | 0.04 | 90.7 | 2.1 | 16 | 1.19 | 4.0 |
| J598462 | | 1.92 | 0.063 | <0.01 | 6.15 | 204 | 630 | 2.15 | 0.05 | 0.46 | 0.08 | 94.4 | 1.8 | 19 | 1.20 | 6.2 |
| J598463 | | 1.83 | 0.017 | <0.01 | 6.36 | 18.5 | 660 | 2.24 | 0.05 | 0.51 | 0.65 | 86.3 | 2.3 | 16 | 1.12 | 4.6 |
| J598464 | | 1.98 | <0.005 | 0.11 | 6.10 | 5.3 | 640 | 2.36 | 0.05 | 0.44 | 0.10 | 89.0 | 1.8 | 18 | 1.35 | 3.0 |
| J598465 | | 2.16 | <0.005 | 0.09 | 6.30 | 4.1 | 640 | 2.07 | 0.06 | 0.43 | 0.05 | 88.9 | 2.0 | 22 | 1.43 | 6.9 |
| J598466 | | 1.95 | <0.005 | 0.01 | 6.21 | 3.2 | 630 | 2.04 | 0.04 | 0.47 | 0.05 | 90.0 | 2.4 | 20 | 1.42 | 4.3 |
| J598467 | | 2.03 | 0.006 | <0.01 | 6.42 | 3.4 | 650 | 2.40 | 0.04 | 0.47 | 0.02 | 88.2 | 2.3 | 21 | 1.61 | 2.5 |
| J598468 | | 1.82 | <0.005 | <0.01 | 6.31 | 3.9 | 640 | 2.37 | 0.05 | 0.45 | 0.03 | 88.6 | 1.9 | 21 | 1.64 | 3.8 |
| J598469 | | 1.84 | <0.005 | 0.03 | 6.34 | 6.2 | 670 | 2.24 | 0.07 | 0.48 | 0.04 | 92.7 | 2.1 | 18 | 2.07 | 4.4 |
| J598470 | | 1.96 | <0.005 | <0.01 | 6.39 | 13.3 | 700 | 2.31 | 0.06 | 0.58 | 0.05 | 95.4 | 3.9 | 18 | 2.07 | 5.5 |
| J598471 | | 1.84 | <0.005 | <0.01 | 6.49 | 9.9 | 710 | 2.38 | 0.07 | 0.57 | 0.05 | 98.1 | 2.9 | 32 | 1.91 | 3.7 |
| J598472 | | 1.77 | <0.005 | 0.07 | 6.59 | 7.5 | 730 | 2.36 | 0.06 | 0.53 | 0.06 | 97.2 | 2.4 | 18 | 2.31 | 4.4 |
| J598473 | | 1.88 | <0.005 | 0.01 | 6.44 | 12.6 | 680 | 2.43 | 0.07 | 0.52 | 0.09 | 99.1 | 3.8 | 19 | 2.30 | 8.0 |
| J598474 | | 1.84 | <0.005 | <0.01 | 6.11 | 4.8 | 680 | 2.28 | 0.06 | 0.48 | 0.02 | 92.3 | 2.7 | 21 | 2.18 | 4.1 |
| J598475 | | 0.03 | 8.41 | 0.50 | 8.39 | 3.8 | 190 | 2.13 | 0.11 | 1.12 | 0.47 | 18.15 | 10.2 | 37 | 1.53 | 18.2 |
| J598476 | | 1.97 | <0.005 | 0.06 | 6.62 | 6.3 | 720 | 2.31 | 0.06 | 0.53 | 0.05 | 100.5 | 2.4 | 22 | 2.26 | 4.6 |
| J598477 | | 1.92 | <0.005 | <0.01 | 6.49 | 7.3 | 730 | 2.15 | 0.06 | 0.51 | 0.03 | 92.4 | 2.7 | 20 | 1.86 | 4.0 |
| J598478 | | 1.94 | <0.005 | <0.01 | 6.30 | 11.4 | 710 | 2.03 | 0.06 | 0.53 | 0.03 | 92.5 | 2.3 | 18 | 1.52 | 3.3 |
| J598479 | | 1.76 | 0.009 | 0.03 | 6.34 | 22.3 | 720 | 2.09 | 0.08 | 0.65 | 0.41 | 90.3 | 2.3 | 17 | 1.57 | 8.6 |
| J598480 | | 1.72 | <0.005 | 0.09 | 6.31 | 19.8 | 670 | 2.22 | 0.07 | 0.44 | 0.04 | 92.6 | 1.9 | 20 | 1.31 | 4.0 |
| J598481 | | 1.87 | <0.005 | 0.10 | 6.44 | 17.3 | 690 | 2.23 | 0.07 | 0.50 | 0.03 | 95.8 | 2.2 | 22 | 1.66 | 3.8 |
| J598482 | | 1.81 | <0.005 | 0.02 | 6.42 | 27.4 | 690 | 1.91 | 0.07 | 0.53 | 0.03 | 97.4 | 2.4 | 21 | 1.63 | 3.1 |
| J598483 | | 1.91 | <0.005 | 0.08 | 6.56 | 13.3 | 720 | 2.26 | 0.07 | 0.51 | 0.07 | 99.1 | 3.1 | 19 | 1.88 | 3.8 |
| J598484 | | 1.82 | <0.005 | 0.03 | 6.41 | 22.8 | 720 | 2.00 | 0.07 | 0.48 | 0.06 | 91.2 | 2.6 | 18 | 1.76 | 6.2 |
| J598485 | | 1.86 | <0.005 | 0.01 | 6.38 | 11.8 | 700 | 2.05 | 0.06 | 0.49 | 0.04 | 92.1 | 2.2 | 21 | 1.79 | 3.5 |
| J598486 | | 1.97 | <0.005 | 0.06 | 6.34 | 17.1 | 670 | 2.00 | 0.06 | 0.48 | 0.06 | 91.8 | 3.0 | 18 | 1.76 | 4.9 |
| J598487 | | 1.94 | <0.005 | 0.02 | 6.52 | 35.5 | 680 | 2.02 | 0.08 | 0.52 | 0.04 | 98.9 | 1.7 | 19 | 1.98 | 3.5 |
| J598488 | | 1.82 | <0.005 | <0.01 | 6.58 | 13.3 | 760 | 1.77 | 0.06 | 0.50 | 0.03 | 98.8 | 1.7 | 20 | 2.30 | 2.4 |
| J598489 | | 1.82 | <0.005 | 0.05 | 6.40 | 13.1 | 720 | 1.95 | 0.05 | 0.51 | 0.04 | 93.8 | 1.8 | 21 | 2.27 | 2.7 |
| J598490 | | 1.76 | <0.005 | 0.04 | 6.45 | 10.7 | 760 | 1.87 | 0.05 | 0.50 | 0.03 | 94.7 | 2.0 | 17 | 2.45 | 3.0 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598451 | | 1.37 | 15.85 | 0.22 | 4.5 | 0.012 | 3.45 | 44.1 | 7.8 | 0.07 | 176 | 2.47 | 2.61 | 16.1 | 1.5 | 70 |
| J598452 | | 1.27 | 16.15 | 0.21 | 4.7 | 0.014 | 3.54 | 45.0 | 7.4 | 0.07 | 161 | 1.92 | 2.63 | 15.8 | 1.7 | 70 |
| J598453 | | 1.22 | 16.40 | 0.22 | 4.9 | 0.014 | 3.61 | 46.0 | 8.7 | 0.07 | 165 | 1.86 | 2.59 | 15.5 | 1.2 | 70 |
| J598454 | | 1.14 | 16.60 | 0.22 | 4.8 | 0.016 | 3.64 | 51.5 | 14.2 | 0.07 | 156 | 2.02 | 2.56 | 14.9 | 1.4 | 70 |
| J598455 | | 1.18 | 16.25 | 0.21 | 5.3 | 0.015 | 3.56 | 44.0 | 8.6 | 0.07 | 159 | 2.40 | 2.57 | 16.3 | 1.3 | 70 |
| J598456 | | 1.30 | 16.00 | 0.13 | 5.2 | 0.012 | 3.41 | 43.4 | 8.2 | 0.06 | 170 | 1.86 | 2.38 | 15.1 | 2.3 | 70 |
| J598457 | | 1.40 | 15.50 | 0.16 | 4.8 | 0.014 | 3.55 | 46.6 | 9.8 | 0.06 | 194 | 1.46 | 2.42 | 13.3 | 1.0 | 70 |
| J598458 | | 1.41 | 15.70 | 0.14 | 5.4 | 0.014 | 3.72 | 44.4 | 10.6 | 0.06 | 192 | 1.50 | 2.42 | 14.8 | 1.6 | 60 |
| J598459 | | 1.24 | 15.40 | 0.13 | 4.8 | 0.013 | 3.56 | 47.1 | 9.0 | 0.06 | 167 | 1.75 | 2.41 | 14.8 | 0.8 | 70 |
| J598460 | | 1.16 | 15.30 | 0.17 | 5.4 | 0.014 | 3.53 | 47.9 | 8.2 | 0.06 | 145 | 1.65 | 2.43 | 16.0 | 0.8 | 70 |
| J598461 | | 1.13 | 15.30 | 0.17 | 5.2 | 0.012 | 3.47 | 46.4 | 10.7 | 0.06 | 153 | 2.01 | 2.44 | 15.4 | 0.7 | 60 |
| J598462 | | 1.27 | 15.55 | 0.18 | 5.6 | 0.015 | 3.74 | 48.5 | 13.5 | 0.06 | 145 | 2.04 | 2.45 | 14.6 | 1.0 | 60 |
| J598463 | | 1.31 | 15.60 | 0.19 | 5.7 | 0.012 | 3.71 | 44.7 | 10.1 | 0.06 | 147 | 2.75 | 2.60 | 15.3 | 0.9 | 70 |
| J598464 | | 1.35 | 15.20 | 0.22 | 5.2 | 0.009 | 3.61 | 46.1 | 7.5 | 0.07 | 149 | 1.97 | 2.50 | 15.4 | 1.3 | 70 |
| J598465 | | 1.26 | 16.00 | 0.18 | 4.8 | 0.013 | 3.72 | 41.6 | 6.5 | 0.07 | 153 | 3.05 | 2.52 | 13.9 | 1.7 | 70 |
| J598466 | | 1.34 | 15.30 | 0.21 | 5.4 | 0.012 | 3.61 | 46.5 | 7.5 | 0.07 | 159 | 1.88 | 2.52 | 15.6 | 1.3 | 70 |
| J598467 | | 1.30 | 15.65 | 0.20 | 5.5 | 0.017 | 3.73 | 45.1 | 8.0 | 0.07 | 158 | 2.41 | 2.62 | 17.8 | 0.9 | 70 |
| J598468 | | 1.33 | 14.80 | 0.20 | 5.0 | 0.015 | 3.61 | 46.5 | 7.9 | 0.08 | 163 | 1.93 | 2.62 | 14.1 | 1.2 | 70 |
| J598469 | | 1.36 | 15.15 | 0.20 | 5.2 | 0.017 | 3.55 | 47.9 | 9.6 | 0.08 | 175 | 1.94 | 2.63 | 15.3 | 0.9 | 80 |
| J598470 | | 1.41 | 15.55 | 0.21 | 5.7 | 0.017 | 3.52 | 49.4 | 12.3 | 0.09 | 192 | 1.76 | 2.63 | 15.2 | 1.5 | 100 |
| J598471 | | 1.36 | 15.55 | 0.22 | 5.8 | 0.018 | 3.52 | 50.1 | 12.8 | 0.09 | 187 | 2.19 | 2.62 | 15.0 | 1.1 | 100 |
| J598472 | | 1.42 | 15.45 | 0.22 | 5.8 | 0.019 | 3.63 | 50.0 | 11.7 | 0.10 | 187 | 3.35 | 2.71 | 15.2 | 1.3 | 110 |
| J598473 | | 1.44 | 15.55 | 0.23 | 5.5 | 0.020 | 3.44 | 52.0 | 11.5 | 0.10 | 193 | 2.57 | 2.69 | 16.0 | 1.1 | 100 |
| J598474 | | 1.44 | 15.00 | 0.22 | 5.7 | 0.014 | 3.45 | 49.2 | 9.7 | 0.09 | 185 | 2.70 | 2.57 | 14.8 | 1.5 | 100 |
| J598475 | | 4.73 | 18.85 | 0.22 | 1.4 | 0.015 | 2.40 | 9.5 | 2.3 | 0.99 | 286 | 1.84 | 5.16 | 10.6 | 39.0 | 690 |
| J598476 | | 1.53 | 15.75 | 0.26 | 5.4 | 0.017 | 3.63 | 52.9 | 11.0 | 0.10 | 198 | 2.22 | 2.74 | 15.9 | 1.1 | 110 |
| J598477 | | 1.42 | 14.95 | 0.22 | 5.4 | 0.017 | 3.53 | 48.6 | 10.2 | 0.10 | 185 | 2.28 | 2.69 | 14.9 | 1.3 | 100 |
| J598478 | | 1.48 | 14.65 | 0.22 | 5.1 | 0.020 | 3.52 | 48.3 | 10.1 | 0.09 | 199 | 2.08 | 2.62 | 13.8 | 1.0 | 100 |
| J598479 | | 1.44 | 14.85 | 0.20 | 5.4 | 0.026 | 3.51 | 47.2 | 17.1 | 0.09 | 201 | 3.86 | 2.50 | 14.0 | 1.4 | 100 |
| J598480 | | 1.40 | 14.80 | 0.23 | 5.2 | 0.022 | 3.44 | 48.8 | 9.9 | 0.09 | 184 | 2.52 | 2.60 | 14.5 | 0.9 | 100 |
| J598481 | | 1.53 | 15.30 | 0.24 | 5.5 | 0.019 | 3.49 | 50.5 | 11.1 | 0.10 | 208 | 6.35 | 2.69 | 15.0 | 1.6 | 100 |
| J598482 | | 1.57 | 14.85 | 0.21 | 5.4 | 0.014 | 3.46 | 51.1 | 12.1 | 0.10 | 224 | 2.45 | 2.64 | 13.4 | 1.1 | 100 |
| J598483 | | 1.57 | 15.50 | 0.22 | 5.6 | 0.013 | 3.58 | 52.2 | 11.3 | 0.10 | 208 | 2.86 | 2.71 | 15.5 | 1.5 | 100 |
| J598484 | | 1.50 | 14.85 | 0.23 | 5.7 | 0.016 | 3.48 | 48.3 | 9.9 | 0.10 | 204 | 3.13 | 2.65 | 14.0 | 1.0 | 100 |
| J598485 | | 1.50 | 14.90 | 0.25 | 5.7 | 0.016 | 3.55 | 48.4 | 10.6 | 0.10 | 195 | 2.71 | 2.63 | 15.0 | 1.6 | 100 |
| J598486 | | 1.46 | 14.55 | 0.20 | 5.5 | 0.013 | 3.52 | 47.7 | 11.6 | 0.09 | 210 | 3.28 | 2.65 | 14.6 | 1.1 | 100 |
| J598487 | | 1.64 | 15.10 | 0.25 | 6.0 | 0.017 | 3.51 | 52.4 | 13.7 | 0.10 | 230 | 3.66 | 2.71 | 14.4 | 1.2 | 110 |
| J598488 | | 1.58 | 15.05 | 0.25 | 5.3 | 0.016 | 3.67 | 52.1 | 13.2 | 0.10 | 221 | 3.17 | 2.65 | 14.4 | 1.6 | 100 |
| J598489 | | 1.50 | 14.55 | 0.23 | 5.6 | 0.012 | 3.56 | 49.7 | 11.5 | 0.09 | 209 | 4.39 | 2.61 | 14.6 | 1.1 | 100 |
| J598490 | | 1.54 | 14.90 | 0.26 | 5.3 | 0.014 | 3.66 | 50.2 | 13.4 | 0.10 | 211 | 2.80 | 2.56 | 14.2 | 1.8 | 110 |

***** 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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
| J598451 | | 10.5 | 154.0 | <0.002 | <0.01 | 0.33 | 4.2 | 2 | 1.7 | 36.2 | 1.56 | <0.05 | 20.6 | 0.087 | 0.59 | 4.9 |
| J598452 | | 5.4 | 157.5 | <0.002 | <0.01 | 0.33 | 4.3 | 2 | 1.6 | 36.9 | 1.56 | <0.05 | 20.9 | 0.087 | 0.60 | 5.0 |
| J598453 | | 5.2 | 159.0 | <0.002 | <0.01 | 0.27 | 4.4 | 2 | 1.6 | 40.4 | 1.56 | <0.05 | 22.6 | 0.085 | 0.65 | 5.4 |
| J598454 | | 21.8 | 159.0 | <0.002 | 0.04 | 0.31 | 4.8 | 2 | 1.8 | 40.1 | 1.42 | <0.05 | 21.3 | 0.090 | 0.66 | 4.9 |
| J598455 | | 6.5 | 154.0 | <0.002 | 0.02 | 0.36 | 4.4 | 2 | 1.6 | 37.9 | 1.68 | <0.05 | 21.6 | 0.085 | 0.61 | 5.2 |
| J598456 | | 5.5 | 156.5 | <0.002 | 0.02 | 0.35 | 4.2 | <1 | 1.4 | 37.4 | 1.34 | <0.05 | 20.3 | 0.070 | 0.58 | 4.8 |
| J598457 | | 17.5 | 156.5 | <0.002 | 0.04 | 0.39 | 4.2 | <1 | 1.4 | 39.3 | 1.17 | <0.05 | 18.6 | 0.071 | 0.64 | 4.4 |
| J598458 | | 34.1 | 159.0 | <0.002 | 0.08 | 0.43 | 4.1 | <1 | 1.3 | 37.2 | 1.41 | <0.05 | 20.7 | 0.070 | 0.66 | 4.8 |
| J598459 | | 5.2 | 154.5 | <0.002 | 0.04 | 0.32 | 4.1 | <1 | 1.3 | 39.4 | 1.28 | <0.05 | 20.1 | 0.068 | 0.61 | 4.0 |
| J598460 | | 5.6 | 154.0 | <0.002 | 0.02 | 0.36 | 4.0 | <1 | 1.3 | 38.1 | 1.53 | <0.05 | 22.8 | 0.070 | 0.58 | 6.1 |
| J598461 | | 11.0 | 150.0 | <0.002 | 0.08 | 0.46 | 3.9 | <1 | 1.4 | 38.7 | 1.47 | <0.05 | 21.6 | 0.068 | 0.62 | 4.9 |
| J598462 | | 14.8 | 154.5 | <0.002 | 0.11 | 0.59 | 4.2 | <1 | 1.4 | 38.5 | 1.36 | <0.05 | 21.8 | 0.072 | 0.61 | 4.9 |
| J598463 | | 74.6 | 156.5 | <0.002 | 0.06 | 0.35 | 4.1 | <1 | 1.4 | 40.3 | 1.42 | <0.05 | 20.8 | 0.076 | 0.62 | 5.2 |
| J598464 | | 4.4 | 151.5 | <0.002 | <0.01 | 0.28 | 4.1 | <1 | 1.6 | 40.4 | 1.38 | <0.05 | 20.5 | 0.077 | 0.52 | 4.5 |
| J598465 | | 7.0 | 146.5 | 0.002 | <0.01 | 0.30 | 3.6 | 2 | 1.6 | 40.7 | 1.27 | 0.05 | 17.5 | 0.079 | 0.54 | 4.4 |
| J598466 | | 4.4 | 149.0 | <0.002 | <0.01 | 0.23 | 4.0 | <1 | 1.5 | 38.6 | 1.41 | 0.05 | 20.3 | 0.078 | 0.49 | 4.9 |
| J598467 | | 4.4 | 153.5 | 0.002 | <0.01 | 0.26 | 4.2 | <1 | 1.6 | 40.3 | 1.67 | <0.05 | 20.8 | 0.081 | 0.49 | 5.3 |
| J598468 | | 14.3 | 148.5 | <0.002 | 0.01 | 0.31 | 3.9 | <1 | 1.6 | 42.8 | 1.34 | <0.05 | 20.8 | 0.083 | 0.55 | 5.0 |
| J598469 | | 9.4 | 151.5 | <0.002 | <0.01 | 0.42 | 4.4 | <1 | 1.7 | 49.4 | 1.36 | 0.05 | 21.5 | 0.087 | 0.53 | 5.2 |
| J598470 | | 16.7 | 151.5 | 0.002 | 0.01 | 0.72 | 4.6 | <1 | 1.9 | 57.9 | 1.40 | <0.05 | 20.2 | 0.093 | 0.53 | 5.6 |
| J598471 | | 11.0 | 148.5 | <0.002 | <0.01 | 0.78 | 4.8 | <1 | 1.9 | 59.5 | 1.40 | <0.05 | 20.6 | 0.096 | 0.53 | 5.1 |
| J598472 | | 9.2 | 160.5 | <0.002 | <0.01 | 0.56 | 4.5 | <1 | 1.9 | 58.9 | 1.39 | <0.05 | 20.8 | 0.096 | 0.55 | 4.8 |
| J598473 | | 27.5 | 155.5 | <0.002 | 0.01 | 0.58 | 4.7 | <1 | 2.1 | 54.6 | 1.44 | <0.05 | 22.3 | 0.094 | 0.52 | 5.6 |
| J598474 | | 6.8 | 154.0 | <0.002 | <0.01 | 0.37 | 4.4 | <1 | 2.0 | 48.1 | 1.33 | <0.05 | 20.2 | 0.091 | 0.48 | 4.7 |
| J598475 | | 85.8 | 223 | 0.002 | 3.39 | 1.13 | 3.8 | <1 | 1.0 | 182.0 | 0.81 | 0.05 | 2.8 | 0.267 | 2.00 | 1.0 |
| J598476 | | 12.0 | 162.5 | 0.002 | <0.01 | 0.48 | 4.7 | <1 | 2.3 | 52.0 | 1.38 | 0.06 | 21.0 | 0.098 | 0.53 | 5.1 |
| J598477 | | 5.5 | 151.5 | <0.002 | <0.01 | 0.51 | 4.5 | <1 | 2.5 | 50.2 | 1.38 | <0.05 | 20.6 | 0.097 | 0.51 | 4.9 |
| J598478 | | 4.5 | 148.0 | <0.002 | 0.01 | 0.66 | 4.3 | <1 | 2.2 | 48.1 | 1.21 | <0.05 | 18.9 | 0.095 | 0.49 | 4.4 |
| J598479 | | 57.6 | 154.0 | <0.002 | 0.07 | 0.61 | 4.3 | <1 | 2.4 | 48.4 | 1.26 | <0.05 | 19.5 | 0.092 | 0.53 | 4.6 |
| J598480 | | 4.4 | 150.0 | <0.002 | <0.01 | 0.85 | 4.6 | <1 | 2.4 | 43.8 | 1.31 | <0.05 | 19.5 | 0.091 | 0.47 | 4.3 |
| J598481 | | 5.8 | 155.5 | 0.002 | <0.01 | 0.98 | 4.6 | <1 | 2.4 | 47.2 | 1.34 | <0.05 | 20.9 | 0.092 | 0.49 | 5.1 |
| J598482 | | 5.0 | 148.0 | 0.002 | <0.01 | 0.95 | 4.4 | <1 | 1.8 | 53.3 | 1.27 | <0.05 | 20.0 | 0.089 | 0.48 | 4.7 |
| J598483 | | 6.9 | 153.5 | 0.002 | <0.01 | 0.78 | 4.6 | <1 | 1.9 | 51.4 | 1.43 | 0.06 | 21.1 | 0.099 | 0.49 | 5.0 |
| J598484 | | 6.9 | 148.5 | 0.002 | 0.01 | 0.85 | 4.4 | <1 | 1.8 | 48.8 | 1.24 | <0.05 | 18.3 | 0.095 | 0.46 | 4.2 |
| J598485 | | 6.1 | 150.5 | 0.002 | <0.01 | 0.83 | 4.4 | <1 | 1.7 | 48.0 | 1.33 | <0.05 | 20.8 | 0.094 | 0.45 | 5.0 |
| J598486 | | 7.4 | 141.5 | 0.003 | <0.01 | 0.97 | 4.3 | <1 | 1.4 | 53.4 | 1.39 | <0.05 | 20.3 | 0.091 | 0.43 | 4.8 |
| J598487 | | 6.2 | 147.0 | <0.002 | <0.01 | 1.08 | 4.4 | <1 | 1.5 | 54.0 | 1.33 | <0.05 | 20.2 | 0.095 | 0.47 | 4.8 |
| J598488 | | 5.2 | 148.0 | <0.002 | <0.01 | 0.85 | 4.4 | <1 | 1.6 | 59.6 | 1.26 | <0.05 | 19.3 | 0.097 | 0.46 | 4.5 |
| J598489 | | 5.6 | 147.5 | <0.002 | <0.01 | 0.75 | 4.2 | <1 | 1.4 | 56.8 | 1.36 | <0.05 | 20.6 | 0.091 | 0.47 | 4.9 |
| J598490 | | 6.9 | 155.5 | <0.002 | <0.01 | 0.77 | 4.2 | <1 | 1.6 | 57.0 | 1.29 | <0.05 | 19.6 | 0.096 | 0.53 | 4.9 |

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

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: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|
| J598451 | | 3 | 1.4 | 31.1 | 14 | 131.5 |
| J598452 | | 3 | 1.5 | 27.6 | 12 | 138.5 |
| J598453 | | 3 | 1.4 | 20.4 | 8 | 144.0 |
| J598454 | | 3 | 1.7 | 20.0 | 24 | 138.0 |
| J598455 | | 3 | 1.9 | 21.3 | 12 | 155.5 |
| J598456 | | 3 | 1.8 | 21.1 | 4 | 151.0 |
| J598457 | | 3 | 1.6 | 16.4 | 13 | 140.5 |
| J598458 | | 3 | 1.7 | 15.9 | 39 | 144.5 |
| J598459 | | 3 | 1.3 | 15.9 | 2 | 138.0 |
| J598460 | | 3 | 1.5 | 19.2 | 2 | 142.5 |
| J598461 | | 3 | 1.7 | 19.6 | 13 | 134.0 |
| J598462 | | 3 | 2.0 | 20.5 | 22 | 152.0 |
| J598463 | | 3 | 1.3 | 20.2 | 97 | 153.0 |
| J598464 | | 3 | 1.2 | 28.8 | 5 | 141.0 |
| J598465 | | 4 | 1.0 | 29.4 | 12 | 143.5 |
| J598466 | | 3 | 1.4 | 29.0 | 4 | 149.0 |
| J598467 | | 3 | 1.4 | 31.8 | 5 | 150.0 |
| J598468 | | 3 | 1.2 | 26.9 | 10 | 136.5 |
| J598469 | | 4 | 1.3 | 27.9 | 13 | 153.5 |
| J598470 | | 5 | 1.3 | 28.4 | 14 | 162.0 |
| J598471 | | 5 | 1.1 | 28.9 | 11 | 167.5 |
| J598472 | | 5 | 1.3 | 27.4 | 14 | 167.5 |
| J598473 | | 4 | 1.2 | 30.8 | 22 | 159.0 |
| J598474 | | 5 | 1.1 | 29.1 | 13 | 162.0 |
| J598475 | | 34 | 0.2 | 5.2 | 40 | 51.1 |
| J598476 | | 5 | 1.2 | 31.3 | 16 | 156.5 |
| J598477 | | 5 | 1.3 | 30.5 | 13 | 157.0 |
| J598478 | | 5 | 1.5 | 25.6 | 8 | 156.5 |
| J598479 | | 5 | 1.5 | 21.2 | 77 | 166.5 |
| J598480 | | 5 | 4.8 | 28.5 | 7 | 151.5 |
| J598481 | | 5 | 2.4 | 29.3 | 14 | 159.0 |
| J598482 | | 5 | 1.4 | 24.1 | 11 | 158.5 |
| J598483 | | 5 | 1.4 | 30.1 | 21 | 168.5 |
| J598484 | | 5 | 1.4 | 27.4 | 26 | 167.5 |
| J598485 | | 5 | 1.4 | 29.7 | 17 | 163.5 |
| J598486 | | 5 | 1.8 | 26.2 | 13 | 156.5 |
| J598487 | | 5 | 1.7 | 24.2 | 12 | 173.5 |
| J598488 | | 5 | 1.5 | 26.4 | 15 | 161.5 |
| J598489 | | 5 | 1.6 | 26.4 | 13 | 160.5 |
| J598490 | | 5 | 1.6 | 27.2 | 13 | 160.0 |

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


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598491 | | 1.84 | 0.018 | 0.01 | 6.64 | 16.7 | 860 | 2.13 | 0.04 | 0.57 | 0.03 | 99.2 | 4.4 | 14 | 1.98 | 5.7 |
| J598492 | | 1.87 | <0.005 | 0.06 | 6.62 | 14.5 | 790 | 2.02 | 0.06 | 0.54 | 0.03 | 107.5 | 2.3 | 17 | 1.74 | 6.1 |
| J598493 | | 2.07 | <0.005 | 0.07 | 6.46 | 8.4 | 740 | 1.90 | 0.06 | 0.52 | 0.05 | 101.0 | 2.0 | 17 | 1.72 | 2.7 |
| J598494 | | 2.17 | 0.009 | 0.08 | 6.42 | 21.4 | 760 | 1.94 | 0.06 | 0.54 | 0.15 | 97.6 | 2.1 | 19 | 1.84 | 6.5 |
| J598495 | | 2.04 | 0.474 | 0.10 | 6.35 | 102.5 | 740 | 1.64 | 0.07 | 0.56 | 0.10 | 97.6 | 2.3 | 21 | 1.61 | 5.7 |
| J598496 | | 2.09 | <0.005 | 0.04 | 6.46 | 23.6 | 730 | 2.02 | 0.06 | 0.58 | 0.16 | 103.5 | 1.7 | 19 | 1.91 | 5.3 |
| J598497 | | 1.84 | <0.005 | 0.04 | 6.44 | 9.5 | 680 | 1.82 | 0.05 | 0.64 | 0.04 | 97.3 | 1.5 | 19 | 1.74 | 2.9 |
| J598498 | | 1.94 | <0.005 | 0.03 | 6.36 | 4.7 | 680 | 1.82 | 0.07 | 0.51 | 0.02 | 96.9 | 1.8 | 20 | 1.76 | 3.3 |
| J598499 | | 1.87 | <0.005 | <0.01 | 6.36 | 6.6 | 660 | 1.92 | 0.06 | 0.50 | 0.02 | 102.0 | 1.8 | 18 | 1.82 | 3.1 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61<br>Fe<br>%<br>0.01 | ME-MS61<br>Ga<br>ppm<br>0.05 | ME-MS61<br>Ge<br>ppm<br>0.05 | ME-MS61<br>Hf<br>ppm<br>0.1 | ME-MS61<br>In<br>ppm<br>0.005 | ME-MS61<br>K<br>%<br>0.01 | ME-MS61<br>La<br>ppm<br>0.5 | ME-MS61<br>Li<br>ppm<br>0.2 | ME-MS61<br>Mg<br>%<br>0.01 | ME-MS61<br>Mn<br>ppm<br>5 | ME-MS61<br>Mo<br>ppm<br>0.05 | ME-MS61<br>Na<br>%<br>0.01 | ME-MS61<br>Nb<br>ppm<br>0.1 | ME-MS61<br>Ni<br>ppm<br>0.2 | ME-MS61<br>P<br>ppm<br>10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598491 | | 1.56 | 15.50 | 0.22 | 5.9 | 0.020 | 3.81 | 52.8 | 13.4 | 0.10 | 250 | 3.28 | 2.59 | 15.8 | 1.2 | 110 |
| J598492 | | 1.60 | 16.70 | 0.23 | 5.5 | 0.016 | 3.76 | 54.9 | 13.7 | 0.10 | 253 | 3.30 | 2.70 | 15.9 | 2.5 | 110 |
| J598493 | | 1.44 | 16.15 | 0.20 | 5.9 | 0.015 | 3.67 | 50.9 | 11.3 | 0.10 | 208 | 2.64 | 2.62 | 15.7 | 1.4 | 100 |
| J598494 | | 1.52 | 15.95 | 0.23 | 5.2 | 0.013 | 3.55 | 49.8 | 16.5 | 0.09 | 199 | 3.26 | 2.55 | 15.0 | 1.8 | 100 |
| J598495 | | 1.44 | 15.80 | 0.21 | 4.8 | 0.017 | 3.50 | 50.4 | 19.0 | 0.09 | 186 | 4.09 | 2.50 | 13.7 | 1.5 | 110 |
| J598496 | | 1.52 | 16.15 | 0.25 | 5.2 | 0.017 | 3.44 | 51.8 | 13.3 | 0.10 | 212 | 2.87 | 2.67 | 14.8 | 1.9 | 110 |
| J598497 | | 1.39 | 15.90 | 0.23 | 4.8 | 0.017 | 3.39 | 49.6 | 13.0 | 0.10 | 194 | 5.89 | 2.68 | 13.7 | 1.3 | 110 |
| J598498 | | 1.47 | 15.70 | 0.23 | 5.0 | 0.013 | 3.43 | 49.5 | 11.2 | 0.10 | 207 | 2.24 | 2.64 | 14.6 | 2.0 | 100 |
| J598499 | | 1.40 | 16.15 | 0.22 | 5.1 | 0.016 | 3.42 | 51.8 | 11.6 | 0.10 | 203 | 1.61 | 2.68 | 15.1 | 1.8 | 90 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
| J598491 | | 13.5 | 164.0 | <0.002 | 0.01 | 0.75 | 4.9 | <1 | 2.3 | 54.9 | 1.48 | <0.05 | 21.0 | 0.105 | 0.55 | 5.5 |
| J598492 | | 8.6 | 161.5 | <0.002 | <0.01 | 0.58 | 4.9 | <1 | 1.9 | 51.0 | 1.41 | <0.05 | 21.3 | 0.102 | 0.54 | 5.5 |
| J598493 | | 5.5 | 156.5 | 0.002 | <0.01 | 0.42 | 4.7 | <1 | 1.5 | 50.8 | 1.45 | <0.05 | 21.2 | 0.096 | 0.56 | 6.0 |
| J598494 | | 30.1 | 152.5 | 0.002 | 0.06 | 0.43 | 4.6 | <1 | 1.7 | 52.9 | 1.35 | <0.05 | 21.2 | 0.093 | 0.56 | 5.6 |
| J598495 | | 20.5 | 154.0 | 0.002 | 0.14 | 0.61 | 4.6 | <1 | 1.7 | 54.0 | 1.16 | <0.05 | 18.8 | 0.094 | 0.56 | 5.0 |
| J598496 | | 48.3 | 154.0 | 0.002 | 0.02 | 0.46 | 4.9 | <1 | 1.7 | 52.4 | 1.29 | <0.05 | 20.2 | 0.097 | 0.58 | 5.3 |
| J598497 | | 11.3 | 153.5 | 0.002 | <0.01 | 0.43 | 4.6 | <1 | 1.7 | 47.8 | 1.19 | <0.05 | 20.0 | 0.092 | 0.54 | 5.1 |
| J598498 | | 7.2 | 152.5 | <0.002 | <0.01 | 0.34 | 4.4 | <1 | 1.5 | 49.6 | 1.26 | <0.05 | 19.7 | 0.093 | 0.51 | 5.1 |
| J598499 | | 7.7 | 156.0 | 0.002 | <0.01 | 0.34 | 4.7 | 1 | 1.6 | 47.8 | 1.35 | <0.05 | 20.7 | 0.094 | 0.53 | 5.3 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

| 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 |
|---|---|---|---|---|---|---|
| J598491 | | 6 | 2.0 | 26.6 | 10 | 166.5 |
| J598492 | | 5 | 1.8 | 25.5 | 9 | 160.0 |
| J598493 | | 5 | 1.6 | 29.0 | 8 | 167.0 |
| J598494 | | 5 | 1.8 | 21.0 | 25 | 153.5 |
| J598495 | | 5 | 2.3 | 20.3 | 23 | 151.5 |
| J598496 | | 5 | 1.1 | 27.9 | 28 | 155.5 |
| J598497 | | 5 | 1.2 | 27.8 | 10 | 142.5 |
| J598498 | | 5 | 1.3 | 29.0 | 14 | 143.5 |
| J598499 | | 5 | 1.2 | 31.3 | 15 | 147.5 |

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**Finalized Date: 14-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12042307

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