ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 15-MAR-2012**
**Account: RRRTPK**

# CERTIFICATE TB12044543

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 183 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 2-MAR-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 | |
| ME-OG62 | Ore Grade Elements - Four Acid | ICP-AES |
| Cu-OG62 | Ore Grade Cu - Four Acid | VARIABLE |
| Au-AA23 | Au 30g FA-AA finish | AAS |
| Au-GRA21 | Au 30g FA-GRAV finish | WST-SIM |

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 TB12044543

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | Au-GRA21 Au g/t 0.05 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598179 | | 0.85 | <0.005 | | 0.31 | 6.01 | 136.5 | 740 | 1.59 | 0.12 | 0.65 | 0.06 | 119.5 | 2.0 | 6 | 2.88 |
| J598180 | | 2.15 | <0.005 | | 0.30 | 5.85 | 64.1 | 730 | 1.70 | 0.09 | 0.55 | 0.08 | 120.5 | 2.1 | 8 | 2.73 |
| J598181 | | 2.10 | <0.005 | | 0.21 | 5.83 | 103.0 | 710 | 1.62 | 0.10 | 0.56 | 0.03 | 124.0 | 2.3 | 9 | 2.49 |
| J598182 | | 2.07 | 0.006 | | 0.19 | 6.03 | 191.0 | 770 | 1.70 | 0.10 | 0.62 | 0.04 | 121.0 | 2.7 | 13 | 2.29 |
| J598183 | | 2.05 | 0.016 | | 0.33 | 6.02 | 171.5 | 840 | 1.35 | 0.14 | 0.57 | 0.09 | 117.0 | 2.6 | 9 | 2.00 |
| J598184 | | 2.10 | 0.027 | | 0.67 | 6.04 | 409 | 790 | 1.46 | 0.15 | 0.55 | 0.03 | 108.5 | 3.0 | 9 | 2.10 |
| J598185 | | 2.00 | 0.016 | | 1.20 | 6.01 | 113.5 | 780 | 1.66 | 0.08 | 0.55 | 0.02 | 116.5 | 2.4 | 11 | 2.52 |
| J598186 | | 2.17 | 0.008 | | 0.38 | 6.05 | 40.6 | 810 | 1.32 | 0.09 | 0.60 | 0.02 | 120.5 | 2.1 | 11 | 2.22 |
| J598187 | | 2.03 | 0.007 | | 0.19 | 5.97 | 68.9 | 790 | 1.51 | 0.12 | 0.58 | 0.03 | 123.0 | 2.6 | 11 | 2.37 |
| J598188 | | 1.42 | <0.005 | | 0.21 | 6.01 | 51.6 | 790 | 1.66 | 0.13 | 0.62 | 0.04 | 112.0 | 2.5 | 10 | 2.88 |
| J598189 | | 1.42 | <0.005 | | 0.10 | 6.12 | 29.6 | 750 | 2.01 | 0.10 | 0.72 | 0.03 | 90.5 | 2.9 | 8 | 2.56 |
| J598190 | | 1.46 | <0.005 | | 0.16 | 5.97 | 24.7 | 690 | 2.06 | 0.07 | 0.73 | 0.15 | 85.8 | 3.0 | 9 | 2.60 |
| J598191 | | 2.00 | <0.005 | | 0.06 | 6.04 | 6.9 | 720 | 1.99 | 0.05 | 0.55 | 0.02 | 97.4 | 2.4 | 10 | 2.76 |
| J598192 | | 1.83 | <0.005 | | 0.05 | 6.13 | 9.7 | 740 | 1.93 | 0.06 | 0.56 | 0.07 | 101.5 | 3.2 | 10 | 2.80 |
| J598193 | | 1.81 | <0.005 | | 0.07 | 6.05 | 32.3 | 740 | 2.20 | 0.04 | 0.57 | 0.04 | 92.1 | 2.6 | 7 | 2.36 |
| J598194 | | 1.80 | 0.031 | | 0.05 | 5.84 | 79.1 | 740 | 2.24 | 0.02 | 0.57 | 0.02 | 85.7 | 3.1 | 6 | 2.41 |
| J598195 | | 1.26 | 0.051 | | 0.04 | 5.73 | 998 | 760 | 2.07 | 0.05 | 0.59 | 0.03 | 98.8 | 3.2 | 8 | 2.06 |
| J598196 | | 1.06 | 0.046 | | 0.08 | 5.83 | 686 | 780 | 1.59 | 0.07 | 0.54 | 0.04 | 91.7 | 3.5 | 8 | 1.92 |
| J598197 | | 1.69 | 0.054 | | 0.13 | 6.14 | 690 | 810 | 1.91 | 0.05 | 0.59 | 0.08 | 88.7 | 2.9 | 6 | 2.45 |
| J598198 | | 1.27 | 0.029 | | 0.11 | 6.09 | 593 | 760 | 2.36 | 0.05 | 0.68 | 0.04 | 96.9 | 4.5 | 6 | 2.56 |
| J598199 | | 0.70 | <0.005 | | 0.78 | 6.14 | 33.3 | 770 | 1.96 | 0.03 | 0.58 | 0.36 | 102.5 | 4.1 | 6 | 2.52 |
| J598200 | | 0.84 | <0.005 | | 0.15 | 6.02 | 31.8 | 740 | 1.84 | 0.03 | 0.56 | 0.08 | 87.3 | 2.6 | 5 | 2.23 |
| J598201 | | 1.14 | <0.005 | | 0.06 | 6.15 | 27.8 | 760 | 2.28 | 0.03 | 0.59 | 0.02 | 93.8 | 2.3 | 7 | 2.71 |
| J598202 | | 1.16 | <0.005 | | 0.09 | 6.02 | 24.8 | 840 | 1.89 | 0.03 | 0.62 | 0.04 | 90.7 | 2.6 | 8 | 3.03 |
| J598203 | | 1.17 | <0.005 | | 0.07 | 6.44 | 30.6 | 870 | 1.99 | 0.04 | 0.63 | 0.02 | 90.5 | 3.9 | 7 | 3.29 |
| J598204 | | 1.19 | 0.009 | | 0.11 | 6.18 | 38.2 | 830 | 2.07 | 0.06 | 0.67 | 0.11 | 97.8 | 4.5 | 7 | 3.91 |
| J598205 | | 1.34 | 0.063 | | 0.10 | 6.29 | 54.9 | 770 | 1.95 | 0.06 | 0.64 | 0.07 | 103.0 | 2.8 | 7 | 2.70 |
| J598206 | | 1.13 | 0.009 | | 0.05 | 6.22 | 20.4 | 730 | 2.05 | 0.05 | 0.59 | 0.02 | 95.0 | 1.9 | 7 | 2.38 |
| J598207 | | 2.04 | <0.005 | | 0.08 | 6.11 | 12.9 | 700 | 2.12 | 0.05 | 0.55 | 0.03 | 98.7 | 1.7 | 9 | 2.58 |
| J598208 | | 1.71 | 0.011 | | 0.07 | 5.93 | 23.1 | 670 | 2.58 | 0.07 | 0.53 | 0.02 | 89.4 | 2.3 | 10 | 2.39 |
| J598209 | | 1.67 | 0.005 | | 0.15 | 6.22 | 27.1 | 680 | 1.88 | 0.08 | 0.53 | 0.09 | 95.9 | 1.6 | 7 | 2.15 |
| J598210 | | 1.67 | <0.005 | | 0.09 | 6.06 | 14.1 | 640 | 1.78 | 0.06 | 0.49 | 0.02 | 93.6 | 1.6 | 7 | 2.35 |
| J598211 | | 1.69 | <0.005 | | 0.10 | 5.99 | 19.5 | 630 | 1.99 | 0.09 | 0.47 | 0.03 | 93.2 | 1.1 | 10 | 2.04 |
| J598212 | | 1.65 | <0.005 | | 0.18 | 6.20 | 53.2 | 580 | 2.44 | 0.12 | 0.50 | 0.03 | 93.5 | 1.2 | 6 | 1.77 |
| J598213 | | 1.76 | <0.005 | | 0.08 | 6.06 | 18.8 | 620 | 2.13 | 0.08 | 0.43 | 0.02 | 90.9 | 1.2 | 7 | 2.37 |
| J598214 | | 1.90 | <0.005 | | 0.09 | 6.05 | 5.8 | 610 | 2.23 | 0.07 | 0.44 | 0.03 | 91.7 | 1.2 | 10 | 2.84 |
| J598215 | | 1.69 | <0.005 | | 0.10 | 6.16 | 5.3 | 620 | 2.08 | 0.07 | 0.46 | 0.11 | 90.3 | 1.2 | 10 | 2.96 |
| J598216 | | 1.79 | <0.005 | | 0.10 | 6.08 | 7.0 | 610 | 2.14 | 0.10 | 0.46 | 0.05 | 92.9 | 1.3 | 9 | 3.02 |
| J598217 | | 1.68 | 0.068 | | 0.10 | 6.01 | 12.0 | 630 | 2.15 | 0.14 | 0.48 | 0.18 | 91.0 | 1.3 | 13 | 2.71 |
| J598218 | | 1.76 | <0.005 | | 0.08 | 5.79 | 16.3 | 610 | 2.08 | 0.14 | 0.45 | 0.06 | 95.6 | 1.4 | 11 | 2.58 |

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**Finalized Date: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Cu ppm 0.2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598179 | | 7.3 | 1.40 | 12.85 | 0.17 | 5.6 | 0.009 | 3.35 | 56.4 | 11.4 | 0.10 | 240 | 1.48 | 2.36 | 13.0 | 1.5 |
| J598180 | | 4.5 | 1.31 | 13.50 | 0.22 | 5.7 | 0.014 | 3.28 | 56.9 | 10.8 | 0.09 | 177 | 1.88 | 2.44 | 13.7 | 1.2 |
| J598181 | | 11.8 | 1.24 | 13.25 | 0.26 | 5.5 | 0.010 | 3.18 | 58.9 | 10.9 | 0.09 | 191 | 2.00 | 2.46 | 13.3 | 1.5 |
| J598182 | | 6.0 | 1.32 | 13.55 | 0.23 | 5.5 | 0.012 | 3.36 | 57.0 | 9.9 | 0.09 | 193 | 4.53 | 2.47 | 13.3 | 2.2 |
| J598183 | | 18.8 | 1.40 | 13.45 | 0.24 | 5.5 | 0.011 | 3.32 | 55.2 | 12.4 | 0.09 | 201 | 1.68 | 2.36 | 12.7 | 1.6 |
| J598184 | | 18.6 | 1.25 | 13.55 | 0.24 | 5.2 | 0.011 | 3.43 | 51.7 | 11.4 | 0.09 | 178 | 1.37 | 2.41 | 12.7 | 1.5 |
| J598185 | | 10.4 | 1.40 | 13.60 | 0.23 | 5.5 | 0.013 | 3.33 | 55.3 | 10.7 | 0.09 | 180 | 1.37 | 2.48 | 14.2 | 1.9 |
| J598186 | | 9.8 | 1.32 | 12.95 | 0.27 | 5.1 | 0.009 | 3.30 | 56.4 | 13.2 | 0.08 | 199 | 1.42 | 2.42 | 13.3 | 2.1 |
| J598187 | | 13.6 | 1.35 | 13.50 | 0.25 | 5.4 | 0.009 | 3.30 | 58.5 | 15.3 | 0.09 | 196 | 1.28 | 2.40 | 12.8 | 1.6 |
| J598188 | | 14.1 | 1.34 | 13.35 | 0.26 | 5.1 | 0.011 | 3.31 | 51.8 | 14.7 | 0.09 | 205 | 1.33 | 2.50 | 13.3 | 1.5 |
| J598189 | | 16.1 | 1.55 | 14.55 | 0.15 | 5.9 | 0.013 | 3.15 | 44.2 | 16.5 | 0.09 | 211 | 1.54 | 2.43 | 11.7 | 1.6 |
| J598190 | | 12.7 | 1.32 | 15.25 | 0.18 | 5.6 | 0.010 | 3.01 | 42.0 | 15.8 | 0.08 | 193 | 1.67 | 2.43 | 12.5 | 1.6 |
| J598191 | | 2.9 | 1.37 | 15.10 | 0.18 | 5.1 | 0.011 | 3.36 | 49.3 | 11.8 | 0.09 | 177 | 1.89 | 2.45 | 12.5 | 1.7 |
| J598192 | | 9.3 | 1.42 | 15.40 | 0.18 | 5.5 | 0.010 | 3.39 | 51.6 | 12.3 | 0.09 | 197 | 1.78 | 2.46 | 12.3 | 1.8 |
| J598193 | | 5.4 | 1.22 | 15.75 | 0.17 | 5.0 | 0.013 | 3.37 | 45.8 | 14.8 | 0.09 | 199 | 1.81 | 2.45 | 12.5 | 1.3 |
| J598194 | | 1.3 | 1.28 | 14.85 | 0.16 | 5.5 | 0.017 | 3.13 | 43.1 | 13.8 | 0.08 | 214 | 1.20 | 2.35 | 12.1 | 1.0 |
| J598195 | | 3.6 | 1.32 | 14.60 | 0.17 | 4.8 | 0.016 | 3.06 | 52.3 | 16.5 | 0.08 | 211 | 1.85 | 2.33 | 12.3 | 1.2 |
| J598196 | | 6.5 | 1.26 | 15.05 | 0.18 | 4.7 | 0.013 | 3.41 | 47.4 | 18.3 | 0.08 | 209 | 1.15 | 2.21 | 11.9 | 1.2 |
| J598197 | | 2.9 | 1.53 | 14.95 | 0.17 | 5.0 | 0.017 | 3.34 | 44.7 | 20.0 | 0.09 | 243 | 4.30 | 2.35 | 11.9 | 1.1 |
| J598198 | | 5.3 | 1.48 | 16.55 | 0.14 | 4.8 | 0.022 | 3.01 | 50.4 | 21.0 | 0.11 | 228 | 2.41 | 2.42 | 12.6 | 1.1 |
| J598199 | | 6.8 | 1.28 | 16.00 | 0.20 | 5.1 | 0.014 | 3.37 | 54.3 | 16.8 | 0.09 | 206 | 2.30 | 2.47 | 12.8 | 1.5 |
| J598200 | | 4.3 | 1.21 | 14.55 | 0.16 | 4.8 | 0.011 | 3.29 | 45.8 | 13.9 | 0.08 | 200 | 2.18 | 2.44 | 11.6 | 1.2 |
| J598201 | | 4.1 | 1.24 | 15.15 | 0.18 | 5.8 | 0.013 | 3.50 | 48.1 | 14.5 | 0.09 | 215 | 1.60 | 2.45 | 13.6 | 1.2 |
| J598202 | | 4.6 | 1.46 | 14.65 | 0.18 | 4.8 | 0.013 | 3.29 | 46.9 | 15.2 | 0.09 | 253 | 2.25 | 2.35 | 12.2 | 1.4 |
| J598203 | | 5.2 | 1.63 | 14.40 | 0.17 | 5.4 | 0.022 | 3.39 | 49.2 | 17.3 | 0.10 | 280 | 2.24 | 2.50 | 12.5 | 1.2 |
| J598204 | | 42.6 | 1.76 | 15.00 | 0.21 | 4.9 | 0.033 | 3.01 | 50.5 | 24.4 | 0.09 | 305 | 1.88 | 2.43 | 12.0 | 1.3 |
| J598205 | | 12.2 | 1.29 | 16.15 | 0.15 | 5.6 | 0.015 | 3.46 | 51.8 | 21.3 | 0.09 | 219 | 1.90 | 2.43 | 12.8 | 1.0 |
| J598206 | | 3.2 | 1.26 | 15.15 | 0.18 | 4.8 | 0.016 | 3.38 | 50.1 | 15.4 | 0.09 | 189 | 1.90 | 2.52 | 12.7 | 1.2 |
| J598207 | | 3.8 | 1.29 | 15.75 | 0.17 | 5.8 | 0.015 | 3.29 | 50.5 | 12.6 | 0.10 | 200 | 2.25 | 2.57 | 13.7 | 1.3 |
| J598208 | | 3.5 | 1.25 | 15.80 | 0.19 | 5.2 | 0.012 | 3.10 | 48.2 | 13.7 | 0.09 | 190 | 2.32 | 2.48 | 13.2 | 1.4 |
| J598209 | | 5.6 | 1.25 | 15.10 | 0.17 | 5.0 | 0.015 | 3.33 | 49.7 | 14.2 | 0.09 | 197 | 2.00 | 2.58 | 13.1 | 1.5 |
| J598210 | | 3.9 | 1.23 | 15.65 | 0.16 | 5.5 | 0.011 | 3.33 | 47.9 | 12.5 | 0.09 | 187 | 1.94 | 2.56 | 13.0 | 1.2 |
| J598211 | | 3.1 | 1.20 | 15.00 | 0.20 | 5.3 | 0.011 | 3.27 | 47.6 | 11.5 | 0.09 | 193 | 2.16 | 2.53 | 13.4 | 1.2 |
| J598212 | | 3.3 | 1.12 | 15.55 | 0.18 | 5.6 | 0.018 | 3.21 | 47.2 | 12.1 | 0.08 | 172 | 2.98 | 2.71 | 12.4 | 1.1 |
| J598213 | | 3.3 | 1.19 | 15.30 | 0.19 | 5.7 | 0.018 | 3.35 | 44.0 | 10.6 | 0.09 | 197 | 2.31 | 2.59 | 13.4 | 1.0 |
| J598214 | | 2.8 | 1.19 | 15.40 | 0.19 | 5.6 | 0.018 | 3.37 | 46.9 | 12.3 | 0.09 | 203 | 2.27 | 2.55 | 13.5 | 1.1 |
| J598215 | | 4.0 | 1.21 | 15.65 | 0.18 | 5.2 | 0.018 | 3.55 | 47.7 | 13.7 | 0.09 | 206 | 3.93 | 2.61 | 13.3 | 1.2 |
| J598216 | | 5.3 | 1.24 | 15.80 | 0.19 | 5.3 | 0.016 | 3.34 | 47.4 | 14.1 | 0.09 | 216 | 5.72 | 2.55 | 13.7 | 1.4 |
| J598217 | | 10.1 | 1.34 | 16.15 | 0.18 | 5.2 | 0.020 | 3.45 | 47.8 | 13.7 | 0.08 | 223 | 3.39 | 2.48 | 13.7 | 1.8 |
| J598218 | | 11.0 | 1.31 | 14.50 | 0.16 | 5.1 | 0.015 | 3.27 | 47.5 | 11.5 | 0.08 | 210 | 2.14 | 2.41 | 13.1 | 1.7 |

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# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 P ppm 10 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598179 | | 110 | 27.0 | 142.0 | <0.002 | 0.09 | 2.31 | 3.6 | <1 | 1.5 | 63.5 | 1.37 | <0.05 | 17.5 | 0.101 | 0.87 |
| J598180 | | 110 | 10.9 | 145.0 | <0.002 | 0.04 | 1.92 | 3.7 | <1 | 1.7 | 59.2 | 1.44 | <0.05 | 19.4 | 0.096 | 0.78 |
| J598181 | | 100 | 14.6 | 142.0 | <0.002 | 0.10 | 1.78 | 3.5 | 1 | 1.6 | 62.0 | 1.34 | <0.05 | 17.7 | 0.099 | 0.77 |
| J598182 | | 110 | 8.4 | 145.5 | <0.002 | 0.06 | 1.55 | 3.8 | 1 | 1.6 | 64.8 | 1.28 | <0.05 | 19.7 | 0.095 | 0.84 |
| J598183 | | 110 | 11.3 | 141.5 | <0.002 | 0.17 | 1.40 | 3.7 | 1 | 1.6 | 58.3 | 1.28 | <0.05 | 18.6 | 0.098 | 0.79 |
| J598184 | | 110 | 9.2 | 142.0 | <0.002 | 0.18 | 1.27 | 3.7 | 1 | 1.6 | 63.5 | 1.24 | <0.05 | 17.1 | 0.097 | 0.79 |
| J598185 | | 110 | 7.3 | 140.5 | <0.002 | 0.08 | 1.24 | 3.8 | 1 | 1.9 | 65.8 | 1.43 | <0.05 | 19.2 | 0.097 | 0.79 |
| J598186 | | 110 | 12.7 | 135.0 | <0.002 | 0.09 | 1.25 | 3.7 | 1 | 1.3 | 56.7 | 1.32 | <0.05 | 19.5 | 0.099 | 0.75 |
| J598187 | | 100 | 13.0 | 137.0 | <0.002 | 0.13 | 1.37 | 3.8 | 1 | 1.5 | 61.7 | 1.30 | <0.05 | 17.9 | 0.098 | 0.73 |
| J598188 | | 110 | 14.6 | 142.5 | <0.002 | 0.12 | 1.34 | 3.7 | 1 | 1.6 | 62.6 | 1.31 | <0.05 | 17.5 | 0.099 | 0.74 |
| J598189 | | 110 | 12.1 | 126.5 | <0.002 | 0.14 | 1.17 | 4.1 | 1 | 2.0 | 63.3 | 1.17 | <0.05 | 17.6 | 0.098 | 0.74 |
| J598190 | | 100 | 48.0 | 131.0 | <0.002 | 0.09 | 1.27 | 4.4 | 1 | 2.3 | 68.5 | 1.21 | <0.05 | 17.3 | 0.091 | 0.67 |
| J598191 | | 110 | 6.1 | 133.5 | <0.002 | 0.01 | 0.69 | 4.4 | 1 | 1.9 | 60.9 | 1.26 | <0.05 | 17.4 | 0.098 | 0.66 |
| J598192 | | 110 | 17.3 | 134.5 | <0.002 | 0.04 | 0.69 | 4.3 | 1 | 2.9 | 64.2 | 1.24 | <0.05 | 17.6 | 0.103 | 0.73 |
| J598193 | | 100 | 14.0 | 132.0 | <0.002 | 0.03 | 0.95 | 4.3 | 1 | 2.5 | 72.3 | 1.21 | <0.05 | 17.2 | 0.097 | 0.72 |
| J598194 | | 100 | 6.4 | 134.0 | <0.002 | 0.01 | 0.85 | 4.0 | 2 | 3.0 | 66.8 | 1.24 | <0.05 | 16.8 | 0.090 | 0.71 |
| J598195 | | 110 | 8.6 | 129.5 | <0.002 | 0.10 | 0.98 | 4.1 | 2 | 3.0 | 62.3 | 1.17 | <0.05 | 17.8 | 0.094 | 0.70 |
| J598196 | | 100 | 13.5 | 135.0 | <0.002 | 0.17 | 1.13 | 4.2 | 2 | 3.2 | 57.9 | 1.18 | 0.05 | 16.5 | 0.094 | 0.71 |
| J598197 | | 100 | 13.0 | 141.5 | 0.003 | 0.12 | 1.26 | 4.2 | 2 | 4.5 | 54.6 | 1.15 | <0.05 | 17.2 | 0.100 | 0.79 |
| J598198 | | 100 | 13.1 | 130.5 | 0.002 | 0.14 | 1.10 | 4.7 | 2 | 4.0 | 70.2 | 1.23 | <0.05 | 17.6 | 0.096 | 0.74 |
| J598199 | | 110 | 13.5 | 136.5 | 0.002 | 0.03 | 0.72 | 4.3 | 2 | 2.2 | 68.0 | 1.26 | <0.05 | 17.2 | 0.099 | 0.73 |
| J598200 | | 100 | 10.8 | 128.0 | 0.002 | 0.02 | 0.61 | 4.0 | 1 | 1.6 | 65.7 | 1.19 | <0.05 | 17.0 | 0.096 | 0.69 |
| J598201 | | 110 | 9.7 | 138.0 | <0.002 | 0.01 | 0.63 | 4.2 | 1 | 2.0 | 70.3 | 1.40 | <0.05 | 18.4 | 0.099 | 0.71 |
| J598202 | | 100 | 15.9 | 140.5 | <0.002 | 0.01 | 0.65 | 4.2 | 1 | 3.5 | 57.8 | 1.28 | <0.05 | 17.3 | 0.097 | 0.74 |
| J598203 | | 110 | 12.0 | 146.5 | <0.002 | 0.01 | 0.52 | 4.2 | 2 | 4.4 | 54.8 | 1.29 | <0.05 | 18.2 | 0.101 | 0.76 |
| J598204 | | 110 | 40.3 | 147.5 | 0.003 | 0.03 | 0.64 | 4.3 | 2 | 5.9 | 57.3 | 1.09 | 0.05 | 16.1 | 0.097 | 0.76 |
| J598205 | | 110 | 18.5 | 143.5 | 0.003 | 0.06 | 0.74 | 4.3 | 1 | 2.0 | 65.4 | 1.22 | <0.05 | 17.8 | 0.100 | 0.76 |
| J598206 | | 110 | 5.5 | 140.0 | <0.002 | 0.01 | 0.61 | 4.3 | 1 | 1.6 | 63.1 | 1.24 | <0.05 | 18.3 | 0.098 | 0.68 |
| J598207 | | 110 | 18.7 | 148.5 | <0.002 | 0.01 | 0.64 | 4.3 | 1 | 1.6 | 55.2 | 1.39 | <0.05 | 19.3 | 0.097 | 0.67 |
| J598208 | | 100 | 5.3 | 139.5 | 0.004 | 0.01 | 0.71 | 4.4 | 1 | 1.8 | 57.5 | 1.32 | <0.05 | 18.0 | 0.094 | 0.68 |
| J598209 | | 100 | 14.4 | 147.5 | 0.005 | 0.02 | 1.13 | 4.3 | 1 | 1.6 | 52.4 | 1.30 | <0.05 | 18.7 | 0.098 | 0.73 |
| J598210 | | 100 | 12.2 | 149.0 | 0.002 | 0.01 | 0.92 | 4.2 | 1 | 1.9 | 50.7 | 1.28 | 0.07 | 17.2 | 0.096 | 0.65 |
| J598211 | | 90 | 9.2 | 146.0 | 0.004 | <0.01 | 0.95 | 4.0 | 1 | 1.8 | 47.0 | 1.38 | <0.05 | 19.5 | 0.089 | 0.70 |
| J598212 | | 90 | 7.6 | 141.5 | <0.002 | 0.02 | 1.35 | 3.7 | 1 | 1.7 | 49.2 | 1.28 | <0.05 | 20.3 | 0.078 | 0.71 |
| J598213 | | 90 | 7.7 | 156.5 | 0.004 | 0.01 | 0.92 | 3.9 | 1 | 1.6 | 39.3 | 1.39 | 0.06 | 19.0 | 0.087 | 0.68 |
| J598214 | | 90 | 5.9 | 158.0 | 0.002 | <0.01 | 0.45 | 4.0 | 2 | 1.8 | 40.0 | 1.36 | <0.05 | 18.8 | 0.089 | 0.71 |
| J598215 | | 90 | 35.3 | 166.0 | <0.002 | 0.01 | 0.36 | 4.0 | 2 | 2.0 | 42.4 | 1.37 | <0.05 | 19.1 | 0.094 | 0.79 |
| J598216 | | 90 | 11.8 | 161.5 | 0.002 | 0.02 | 0.48 | 4.1 | 2 | 2.1 | 42.5 | 1.32 | 0.22 | 18.3 | 0.092 | 0.79 |
| J598217 | | 90 | 22.6 | 159.5 | <0.002 | 0.05 | 0.71 | 4.1 | 1 | 2.0 | 43.6 | 1.35 | <0.05 | 18.4 | 0.088 | 0.81 |
| J598218 | | 80 | 13.0 | 152.0 | <0.002 | 0.05 | 0.70 | 3.7 | 1 | 1.8 | 40.3 | 1.43 | <0.05 | 19.6 | 0.086 | 0.82 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 U ppm 0.1 | 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 | Cu-OG62 Cu % 0.001 |
|---|---|---|---|---|---|---|---|---|
| J598179 | | 3.7 | 5 | 1.1 | 19.5 | 30 | 147.5 | |
| J598180 | | 4.7 | 5 | 1.5 | 20.5 | 19 | 154.5 | |
| J598181 | | 5.0 | 5 | 2.0 | 21.7 | 19 | 151.5 | |
| J598182 | | 5.0 | 6 | 1.9 | 23.6 | 15 | 154.0 | |
| J598183 | | 4.8 | 5 | 2.6 | 20.5 | 14 | 154.0 | |
| J598184 | | 4.6 | 5 | 14.1 | 19.1 | 16 | 151.0 | |
| J598185 | | 5.3 | 6 | 11.2 | 22.1 | 12 | 154.5 | |
| J598186 | | 5.0 | 6 | 4.4 | 21.1 | 16 | 143.5 | |
| J598187 | | 4.7 | 5 | 1.7 | 20.2 | 17 | 151.5 | |
| J598188 | | 4.7 | 5 | 1.9 | 20.1 | 19 | 140.5 | |
| J598189 | | 4.3 | 5 | 2.1 | 18.8 | 16 | 176.0 | |
| J598190 | | 4.4 | 5 | 1.9 | 19.1 | 42 | 173.0 | |
| J598191 | | 4.2 | 5 | 1.3 | 24.3 | 12 | 160.5 | |
| J598192 | | 4.3 | 5 | 1.1 | 25.4 | 21 | 181.0 | |
| J598193 | | 4.1 | 5 | 1.5 | 20.1 | 21 | 167.5 | |
| J598194 | | 4.3 | 4 | 1.8 | 21.4 | 14 | 170.5 | |
| J598195 | | 4.1 | 5 | 3.5 | 20.5 | 15 | 151.0 | |
| J598196 | | 4.4 | 5 | 2.7 | 19.6 | 19 | 145.0 | |
| J598197 | | 4.3 | 5 | 3.5 | 20.3 | 20 | 157.0 | |
| J598198 | | 4.2 | 5 | 3.5 | 22.2 | 20 | 151.0 | |
| J598199 | | 4.4 | 5 | 2.3 | 21.0 | 19 | 160.5 | |
| J598200 | | 4.1 | 5 | 2.0 | 19.3 | 21 | 151.5 | |
| J598201 | | 4.9 | 5 | 1.2 | 24.2 | 17 | 178.5 | |
| J598202 | | 4.3 | 4 | 1.9 | 23.3 | 18 | 149.0 | |
| J598203 | | 4.3 | 5 | 1.9 | 24.1 | 22 | 173.0 | |
| J598204 | | 4.3 | 4 | 2.8 | 21.3 | 41 | 162.5 | |
| J598205 | | 4.4 | 5 | 1.8 | 21.7 | 34 | 166.5 | |
| J598206 | | 4.4 | 5 | 1.2 | 21.6 | 14 | 154.5 | |
| J598207 | | 4.9 | 5 | 1.5 | 29.1 | 15 | 183.5 | |
| J598208 | | 4.2 | 5 | 1.5 | 26.7 | 13 | 161.0 | |
| J598209 | | 4.2 | 5 | 1.4 | 22.7 | 27 | 157.0 | |
| J598210 | | 4.6 | 5 | 1.6 | 27.4 | 14 | 178.5 | |
| J598211 | | 4.2 | 4 | 2.0 | 28.2 | 15 | 164.5 | |
| J598212 | | 5.4 | 3 | 1.7 | 26.0 | 14 | 170.5 | |
| J598213 | | 4.6 | 4 | 2.2 | 29.7 | 20 | 170.0 | |
| J598214 | | 4.5 | 4 | 2.1 | 30.0 | 18 | 187.5 | |
| J598215 | | 5.0 | 4 | 2.2 | 29.9 | 32 | 162.5 | |
| J598216 | | 4.7 | 4 | 2.1 | 29.3 | 18 | 164.5 | |
| J598217 | | 4.7 | 4 | 2.0 | 27.5 | 45 | 159.5 | |
| J598218 | | 4.8 | 4 | 1.7 | 25.7 | 26 | 149.0 | |

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

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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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | Au-GRA21 Au g/t 0.05 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598219 | | 2.25 | <0.005 | | 0.10 | 5.86 | 41.6 | 560 | 2.02 | 0.11 | 0.51 | 0.05 | 100.0 | 1.9 | 10 | 1.85 |
| J598220 | | 2.09 | <0.005 | | 0.12 | 5.87 | 17.8 | 600 | 2.00 | 0.12 | 0.49 | 0.04 | 86.0 | 1.3 | 13 | 2.36 |
| J598221 | | 2.05 | <0.005 | | 0.13 | 5.88 | 19.1 | 610 | 1.98 | 0.13 | 0.47 | 0.04 | 93.9 | 1.2 | 9 | 2.45 |
| J598222 | | 2.13 | <0.005 | | 0.06 | 5.98 | 23.2 | 600 | 2.15 | 0.07 | 0.47 | 0.03 | 99.6 | 1.3 | 9 | 2.43 |
| J598223 | | 2.06 | 0.014 | | 0.15 | 5.90 | 50.4 | 560 | 1.99 | 0.55 | 0.46 | 0.06 | 95.7 | 1.4 | 8 | 1.88 |
| J598224 | | 2.02 | <0.005 | | 0.11 | 5.80 | 30.4 | 550 | 1.95 | 0.11 | 0.46 | 0.04 | 84.0 | 1.4 | 11 | 2.10 |
| J598225 | | 0.06 | <0.005 | | 0.05 | 6.35 | 1.7 | 870 | 1.00 | 0.10 | 1.31 | 0.08 | 30.2 | 2.3 | 13 | 1.71 |
| J598226 | | 2.08 | <0.005 | | 0.12 | 5.98 | 40.3 | 590 | 1.86 | 0.18 | 0.51 | 0.04 | 95.8 | 1.4 | 11 | 2.12 |
| J598227 | | 2.14 | <0.005 | | 0.09 | 5.71 | 31.7 | 540 | 1.69 | 0.21 | 0.46 | 0.03 | 93.1 | 1.4 | 10 | 1.99 |
| J598228 | | 2.07 | 0.007 | | 0.17 | 6.16 | 30.1 | 610 | 1.73 | 0.16 | 0.51 | 0.05 | 100.5 | 1.5 | 10 | 2.49 |
| J598229 | | 2.01 | <0.005 | | 0.18 | 5.77 | 36.5 | 580 | 1.62 | 0.18 | 0.49 | 0.05 | 96.0 | 1.4 | 12 | 2.71 |
| J598230 | | 1.88 | <0.005 | | 0.09 | 5.93 | 53.5 | 580 | 1.88 | 0.19 | 0.50 | 0.03 | 93.3 | 1.1 | 7 | 2.58 |
| J598231 | | 2.16 | <0.005 | | 0.08 | 6.05 | 39.1 | 580 | 2.02 | 0.17 | 0.54 | 0.02 | 105.5 | 1.1 | 7 | 1.92 |
| J598232 | | 2.26 | <0.005 | | 0.09 | 5.88 | 54.0 | 580 | 1.95 | 0.17 | 0.47 | 0.03 | 101.5 | 1.1 | 9 | 1.56 |
| J598233 | | 2.08 | <0.005 | | 0.09 | 5.89 | 64.4 | 570 | 1.76 | 0.14 | 0.49 | 0.02 | 99.3 | 1.2 | 10 | 1.49 |
| J598234 | | 2.23 | 0.005 | | 0.08 | 5.98 | 28.2 | 580 | 1.98 | 0.14 | 0.50 | 0.05 | 97.0 | 1.1 | 9 | 1.80 |
| J598235 | | 2.04 | 0.005 | | 0.15 | 5.93 | 38.1 | 600 | 2.27 | 0.18 | 0.49 | 0.11 | 96.2 | 1.1 | 7 | 1.71 |
| J598236 | | 2.29 | <0.005 | | 0.09 | 5.85 | 33.1 | 560 | 2.25 | 0.15 | 0.51 | 0.04 | 101.0 | 1.2 | 8 | 1.67 |
| J598237 | | 2.01 | <0.005 | | 0.09 | 5.77 | 35.5 | 570 | 1.98 | 0.16 | 0.51 | 0.02 | 104.5 | 1.2 | 8 | 1.69 |
| J598238 | | 2.10 | <0.005 | | 0.08 | 6.04 | 26.6 | 590 | 2.13 | 0.18 | 0.47 | 0.03 | 96.0 | 1.2 | 7 | 2.01 |
| J598239 | | 1.97 | <0.005 | | 0.23 | 5.99 | 54.9 | 560 | 2.01 | 0.56 | 0.53 | 0.02 | 103.5 | 1.2 | 6 | 1.53 |
| J598240 | | 2.07 | <0.005 | | 0.15 | 5.98 | 47.2 | 560 | 2.22 | 0.38 | 0.49 | 0.04 | 100.5 | 1.1 | 10 | 1.55 |
| J598241 | | 2.00 | <0.005 | | 0.11 | 6.05 | 33.0 | 580 | 2.00 | 0.48 | 0.49 | 0.03 | 96.7 | 1.1 | 7 | 1.61 |
| J598242 | | 2.08 | <0.005 | | 0.13 | 5.59 | 20.4 | 540 | 2.06 | 0.43 | 0.43 | 0.05 | 93.9 | 1.0 | 6 | 1.78 |
| J598243 | | 1.85 | <0.005 | | 0.10 | 5.95 | 31.9 | 590 | 2.01 | 0.30 | 0.46 | 0.04 | 99.1 | 1.2 | 7 | 1.73 |
| J598244 | | 1.80 | <0.005 | | 0.08 | 5.89 | 14.9 | 560 | 2.16 | 0.27 | 0.45 | 0.03 | 94.3 | 0.9 | 8 | 2.43 |
| J598245 | | 1.77 | <0.005 | | 0.24 | 6.00 | 15.7 | 580 | 2.13 | 0.20 | 0.46 | 0.03 | 93.5 | 0.9 | 7 | 1.80 |
| J598246 | | 1.78 | <0.005 | | 0.09 | 5.83 | 9.0 | 570 | 2.20 | 0.19 | 0.45 | 0.05 | 100.5 | 1.0 | 9 | 2.30 |
| J598247 | | 1.80 | <0.005 | | 0.05 | 5.90 | 12.6 | 580 | 2.11 | 0.21 | 0.52 | 0.04 | 98.1 | 1.0 | 6 | 2.32 |
| J598248 | | 1.78 | 0.008 | | 0.10 | 5.84 | 20.0 | 590 | 1.81 | 0.38 | 0.51 | 0.29 | 90.2 | 1.6 | 6 | 2.09 |
| J598249 | | 1.78 | <0.005 | | 0.07 | 6.19 | 10.0 | 650 | 2.03 | 0.26 | 0.60 | 0.05 | 101.0 | 1.4 | 8 | 2.33 |
| J598250 | | 0.03 | 1.340 | | 0.72 | 8.08 | 3.1 | 100 | 2.26 | 0.97 | 0.94 | 0.14 | 16.35 | 9.0 | 30 | 19.40 |
| J598251 | | 2.06 | <0.005 | | 0.05 | 6.24 | 9.3 | 700 | 1.83 | 0.18 | 0.62 | 0.04 | 110.0 | 1.6 | 7 | 2.37 |
| J598252 | | 1.72 | <0.005 | | 0.03 | 6.13 | 8.2 | 680 | 1.88 | 0.16 | 0.59 | 0.03 | 104.0 | 1.5 | 8 | 2.16 |
| J598253 | | 1.68 | <0.005 | | 0.06 | 5.98 | 7.5 | 630 | 1.92 | 0.13 | 0.60 | 0.02 | 101.0 | 1.2 | 7 | 2.02 |
| J598254 | | 2.55 | <0.005 | | 0.06 | 6.24 | 8.8 | 670 | 2.08 | 0.15 | 0.61 | 0.03 | 106.5 | 1.4 | 10 | 2.12 |
| J598255 | | 1.25 | <0.005 | | 0.06 | 6.23 | 8.8 | 680 | 1.95 | 0.18 | 0.61 | 0.02 | 99.3 | 1.3 | 7 | 2.03 |
| J598256 | | 1.69 | <0.005 | | 0.06 | 6.23 | 12.4 | 690 | 1.81 | 0.18 | 0.67 | 0.02 | 101.5 | 1.7 | 8 | 2.63 |
| J598257 | | 1.72 | 0.007 | | 0.10 | 6.18 | 20.7 | 730 | 1.91 | 0.36 | 0.69 | 0.05 | 93.9 | 1.9 | 7 | 1.94 |
| J598258 | | 1.80 | 0.077 | | 0.12 | 6.23 | 18.0 | 850 | 1.51 | 0.21 | 0.73 | 0.06 | 105.5 | 3.5 | 6 | 1.69 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Cu ppm 0.2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598219 | | 15.2 | 1.28 | 16.30 | 0.21 | 4.9 | 0.021 | 3.19 | 50.1 | 14.1 | 0.07 | 192 | 2.64 | 2.46 | 13.8 | 1.7 |
| J598220 | | 8.0 | 1.26 | 14.50 | 0.16 | 5.1 | 0.013 | 3.26 | 42.7 | 15.3 | 0.08 | 196 | 1.79 | 2.45 | 12.2 | 1.5 |
| J598221 | | 5.2 | 1.19 | 15.15 | 0.16 | 5.3 | 0.019 | 3.20 | 48.7 | 14.0 | 0.08 | 192 | 2.52 | 2.41 | 12.0 | 1.4 |
| J598222 | | 5.6 | 1.26 | 16.55 | 0.17 | 6.0 | 0.020 | 3.30 | 50.9 | 13.3 | 0.08 | 193 | 2.09 | 2.47 | 13.2 | 1.8 |
| J598223 | | 31.4 | 1.16 | 16.00 | 0.20 | 4.9 | 0.016 | 3.26 | 48.2 | 15.1 | 0.07 | 170 | 2.14 | 2.48 | 13.9 | 1.7 |
| J598224 | | 11.9 | 1.14 | 15.35 | 0.18 | 5.0 | 0.016 | 3.24 | 41.5 | 12.8 | 0.07 | 179 | 2.38 | 2.38 | 12.9 | 1.4 |
| J598225 | | 8.3 | 1.39 | 13.65 | 0.11 | 1.2 | 0.015 | 2.14 | 14.8 | 11.3 | 0.18 | 534 | 0.99 | 2.66 | 4.5 | 2.7 |
| J598226 | | 17.8 | 1.21 | 16.70 | 0.18 | 5.1 | 0.018 | 3.38 | 44.4 | 17.9 | 0.07 | 181 | 2.21 | 2.52 | 15.3 | 1.8 |
| J598227 | | 11.4 | 1.12 | 15.90 | 0.21 | 4.8 | 0.018 | 3.12 | 42.9 | 12.5 | 0.07 | 172 | 2.28 | 2.40 | 12.5 | 2.1 |
| J598228 | | 17.7 | 1.30 | 16.60 | 0.21 | 5.3 | 0.018 | 3.43 | 46.6 | 13.7 | 0.07 | 178 | 1.98 | 2.63 | 14.1 | 1.7 |
| J598229 | | 22.5 | 1.19 | 16.55 | 0.08 | 4.5 | 0.015 | 3.55 | 47.7 | 14.8 | 0.08 | 152 | 2.96 | 2.60 | 14.3 | 1.2 |
| J598230 | | 12.1 | 1.18 | 16.85 | 0.11 | 4.7 | 0.012 | 3.59 | 45.3 | 14.6 | 0.08 | 156 | 1.95 | 2.66 | 14.1 | 1.0 |
| J598231 | | 7.9 | 1.19 | 16.65 | 0.10 | 5.1 | 0.013 | 3.64 | 51.6 | 14.0 | 0.07 | 170 | 3.43 | 2.73 | 15.0 | 0.9 |
| J598232 | | 6.7 | 1.24 | 17.10 | 0.13 | 4.7 | 0.018 | 3.60 | 50.3 | 9.9 | 0.08 | 196 | 2.82 | 2.71 | 14.5 | 1.2 |
| J598233 | | 5.4 | 1.16 | 16.60 | 0.13 | 5.1 | 0.014 | 3.58 | 48.8 | 10.1 | 0.08 | 187 | 3.41 | 2.71 | 13.8 | 1.0 |
| J598234 | | 8.3 | 1.25 | 17.05 | 0.12 | 5.0 | 0.016 | 3.58 | 47.8 | 13.0 | 0.08 | 200 | 2.74 | 2.70 | 14.9 | 1.6 |
| J598235 | | 14.7 | 1.26 | 17.20 | 0.13 | 5.2 | 0.017 | 3.66 | 47.0 | 20.3 | 0.08 | 196 | 8.74 | 2.66 | 14.7 | 1.3 |
| J598236 | | 4.2 | 1.18 | 17.00 | 0.14 | 5.6 | 0.016 | 3.49 | 49.6 | 12.6 | 0.07 | 215 | 3.38 | 2.61 | 14.8 | 1.1 |
| J598237 | | 5.0 | 1.22 | 17.10 | 0.14 | 5.2 | 0.024 | 3.47 | 52.2 | 12.5 | 0.08 | 228 | 2.47 | 2.62 | 14.1 | 1.2 |
| J598238 | | 4.1 | 1.25 | 17.85 | 0.13 | 5.2 | 0.018 | 3.64 | 47.1 | 11.3 | 0.08 | 205 | 2.64 | 2.80 | 15.9 | 1.3 |
| J598239 | | 7.5 | 1.23 | 17.15 | 0.14 | 5.3 | 0.019 | 3.60 | 50.5 | 11.8 | 0.08 | 235 | 3.31 | 2.78 | 15.1 | 1.1 |
| J598240 | | 5.5 | 1.27 | 17.45 | 0.14 | 5.3 | 0.019 | 3.55 | 49.8 | 11.0 | 0.08 | 227 | 2.92 | 2.75 | 15.0 | 1.3 |
| J598241 | | 3.7 | 1.17 | 17.10 | 0.13 | 5.0 | 0.019 | 3.61 | 48.0 | 10.6 | 0.08 | 232 | 2.72 | 2.76 | 14.7 | 1.1 |
| J598242 | | 4.1 | 1.12 | 16.75 | 0.14 | 4.8 | 0.021 | 3.39 | 46.3 | 9.7 | 0.08 | 206 | 2.77 | 2.65 | 15.0 | 1.0 |
| J598243 | | 3.2 | 1.26 | 16.70 | 0.15 | 5.3 | 0.025 | 3.54 | 48.9 | 9.6 | 0.08 | 237 | 2.50 | 2.72 | 14.5 | 1.3 |
| J598244 | | 4.6 | 1.16 | 17.05 | 0.13 | 5.1 | 0.023 | 3.54 | 46.3 | 11.3 | 0.09 | 241 | 2.30 | 2.75 | 15.9 | 2.2 |
| J598245 | | 3.7 | 1.22 | 17.35 | 0.15 | 5.3 | 0.022 | 3.61 | 45.5 | 9.5 | 0.08 | 256 | 2.19 | 2.78 | 16.7 | 1.1 |
| J598246 | | 3.9 | 1.23 | 16.45 | 0.13 | 5.5 | 0.023 | 3.50 | 49.1 | 11.1 | 0.08 | 228 | 2.43 | 2.74 | 16.1 | 1.1 |
| J598247 | | 5.1 | 1.15 | 17.25 | 0.14 | 5.6 | 0.022 | 3.51 | 47.7 | 15.1 | 0.08 | 215 | 2.80 | 2.67 | 15.0 | 0.9 |
| J598248 | | 13.6 | 1.23 | 16.60 | 0.14 | 5.1 | 0.017 | 3.60 | 44.2 | 17.0 | 0.07 | 202 | 3.23 | 2.55 | 14.9 | 1.0 |
| J598249 | | 6.9 | 1.31 | 17.65 | 0.15 | 5.4 | 0.022 | 3.70 | 49.7 | 18.1 | 0.08 | 232 | 2.51 | 2.70 | 15.2 | 1.3 |
| J598250 | | 13.0 | 4.18 | 20.7 | 0.14 | 1.3 | 0.011 | 2.64 | 8.1 | 5.7 | 0.92 | 239 | 1.11 | 5.31 | 9.1 | 33.6 |
| J598251 | | 3.7 | 1.39 | 17.00 | 0.15 | 4.9 | 0.025 | 3.60 | 55.1 | 16.7 | 0.10 | 245 | 2.10 | 2.76 | 13.5 | 1.5 |
| J598252 | | 2.8 | 1.34 | 16.75 | 0.15 | 5.5 | 0.024 | 3.55 | 52.2 | 14.7 | 0.09 | 238 | 3.69 | 2.73 | 13.2 | 1.3 |
| J598253 | | 5.0 | 1.32 | 16.95 | 0.15 | 5.5 | 0.026 | 3.44 | 49.9 | 12.4 | 0.09 | 239 | 2.89 | 2.73 | 14.6 | 1.6 |
| J598254 | | 3.4 | 1.28 | 17.25 | 0.14 | 5.3 | 0.024 | 3.65 | 53.0 | 13.0 | 0.09 | 214 | 2.54 | 2.80 | 14.6 | 1.6 |
| J598255 | | 5.3 | 1.26 | 17.15 | 0.14 | 6.2 | 0.022 | 3.59 | 49.2 | 13.0 | 0.09 | 220 | 3.61 | 2.85 | 15.5 | 1.3 |
| J598256 | | 5.8 | 1.37 | 16.85 | 0.15 | 5.3 | 0.019 | 3.63 | 51.0 | 11.7 | 0.10 | 230 | 2.52 | 2.78 | 14.4 | 1.4 |
| J598257 | | 34.7 | 1.22 | 16.40 | 0.13 | 5.0 | 0.014 | 3.76 | 47.5 | 19.2 | 0.09 | 162 | 3.16 | 2.66 | 14.8 | 1.3 |
| J598258 | | 59.3 | 1.48 | 16.05 | 0.15 | 5.7 | 0.024 | 4.12 | 52.4 | 26.1 | 0.10 | 173 | 2.95 | 2.48 | 14.6 | 1.1 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 P ppm 10 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598219 | | 80 | 12.7 | 147.0 | <0.002 | 0.07 | 1.01 | 4.0 | 2 | 2.0 | 43.9 | 1.25 | <0.05 | 18.7 | 0.083 | 0.76 |
| J598220 | | 80 | 12.3 | 143.0 | 0.002 | 0.07 | 0.80 | 3.8 | 1 | 1.6 | 41.6 | 1.24 | <0.05 | 17.6 | 0.086 | 0.80 |
| J598221 | | 80 | 17.4 | 148.0 | <0.002 | 0.04 | 0.86 | 3.8 | 1 | 1.8 | 43.6 | 1.21 | <0.05 | 18.2 | 0.083 | 0.86 |
| J598222 | | 90 | 8.1 | 157.0 | <0.002 | 0.03 | 0.97 | 4.2 | 2 | 1.8 | 42.5 | 1.25 | <0.05 | 17.9 | 0.086 | 0.84 |
| J598223 | | 80 | 15.0 | 150.0 | 0.006 | 0.11 | 1.24 | 3.9 | 1 | 1.7 | 41.8 | 1.35 | <0.05 | 18.8 | 0.078 | 0.79 |
| J598224 | | 80 | 9.6 | 151.5 | <0.002 | 0.07 | 0.90 | 3.7 | 2 | 1.6 | 41.4 | 1.22 | <0.05 | 17.9 | 0.080 | 0.75 |
| J598225 | | 180 | 13.7 | 59.4 | <0.002 | <0.01 | 0.25 | 6.0 | 1 | 1.8 | 178.0 | 0.47 | <0.05 | 6.3 | 0.109 | 0.41 |
| J598226 | | 80 | 14.6 | 148.5 | <0.002 | 0.11 | 1.14 | 4.7 | 2 | 1.9 | 40.8 | 1.47 | <0.05 | 18.4 | 0.086 | 0.80 |
| J598227 | | 70 | 9.2 | 142.5 | <0.002 | 0.05 | 1.19 | 4.4 | 1 | 2.0 | 38.8 | 1.15 | <0.05 | 17.6 | 0.077 | 0.77 |
| J598228 | | 80 | 17.0 | 154.0 | <0.002 | 0.12 | 1.18 | 4.6 | 1 | 1.7 | 41.1 | 1.33 | <0.05 | 18.5 | 0.087 | 0.83 |
| J598229 | | 80 | 16.3 | 169.0 | <0.002 | 0.11 | 1.31 | 4.0 | 1 | 1.6 | 42.7 | 1.38 | <0.05 | 17.8 | 0.084 | 0.81 |
| J598230 | | 80 | 8.1 | 168.5 | <0.002 | 0.09 | 1.04 | 4.3 | 1 | 1.5 | 43.5 | 1.41 | <0.05 | 19.6 | 0.082 | 0.84 |
| J598231 | | 80 | 7.2 | 166.5 | <0.002 | 0.05 | 1.25 | 4.2 | 1 | 1.7 | 44.5 | 1.50 | <0.05 | 21.1 | 0.081 | 0.81 |
| J598232 | | 80 | 5.7 | 170.0 | <0.002 | 0.02 | 1.59 | 4.4 | 1 | 1.8 | 43.5 | 1.48 | <0.05 | 19.7 | 0.078 | 0.81 |
| J598233 | | 70 | 5.8 | 167.0 | <0.002 | 0.02 | 1.41 | 4.2 | 1 | 1.7 | 43.1 | 1.40 | <0.05 | 18.7 | 0.077 | 0.80 |
| J598234 | | 80 | 13.4 | 170.0 | <0.002 | 0.04 | 1.21 | 4.4 | 1 | 1.8 | 43.1 | 1.58 | <0.05 | 19.8 | 0.083 | 0.82 |
| J598235 | | 80 | 32.9 | 171.5 | <0.002 | 0.17 | 1.40 | 4.5 | 1 | 2.1 | 42.0 | 1.50 | <0.05 | 19.1 | 0.081 | 0.81 |
| J598236 | | 70 | 7.3 | 170.5 | <0.002 | 0.01 | 1.39 | 4.4 | 1 | 1.8 | 40.8 | 1.58 | <0.05 | 19.8 | 0.080 | 0.81 |
| J598237 | | 80 | 5.6 | 175.0 | <0.002 | <0.01 | 1.50 | 4.7 | 1 | 2.0 | 40.4 | 1.41 | <0.05 | 19.1 | 0.082 | 0.78 |
| J598238 | | 80 | 16.5 | 178.5 | <0.002 | <0.01 | 1.22 | 4.6 | 1 | 2.0 | 42.2 | 1.58 | <0.05 | 20.2 | 0.086 | 0.81 |
| J598239 | | 80 | 9.2 | 176.0 | <0.002 | 0.02 | 1.36 | 4.4 | 1 | 1.8 | 39.9 | 1.57 | <0.05 | 21.1 | 0.083 | 0.80 |
| J598240 | | 80 | 17.0 | 166.0 | <0.002 | 0.02 | 1.40 | 4.6 | 1 | 1.7 | 43.1 | 1.58 | <0.05 | 20.1 | 0.082 | 0.78 |
| J598241 | | 80 | 6.4 | 175.5 | <0.002 | <0.01 | 1.18 | 4.4 | 1 | 1.9 | 43.3 | 1.49 | <0.05 | 19.8 | 0.084 | 0.81 |
| J598242 | | 80 | 39.2 | 165.0 | <0.002 | <0.01 | 1.08 | 4.3 | 1 | 2.1 | 39.8 | 1.54 | <0.05 | 18.8 | 0.080 | 0.72 |
| J598243 | | 90 | 8.1 | 170.5 | <0.002 | <0.01 | 1.05 | 4.3 | 1 | 2.2 | 40.7 | 1.46 | <0.05 | 19.3 | 0.084 | 0.79 |
| J598244 | | 80 | 23.9 | 183.0 | <0.002 | <0.01 | 0.80 | 4.7 | 1 | 2.2 | 39.2 | 1.60 | <0.05 | 20.5 | 0.085 | 0.85 |
| J598245 | | 80 | 7.1 | 183.0 | <0.002 | <0.01 | 0.75 | 4.5 | 1 | 2.1 | 39.9 | 1.67 | <0.05 | 19.9 | 0.082 | 0.82 |
| J598246 | | 80 | 15.9 | 178.0 | <0.002 | <0.01 | 0.64 | 4.4 | 1 | 2.3 | 39.0 | 1.74 | <0.05 | 20.2 | 0.083 | 0.81 |
| J598247 | | 80 | 8.3 | 173.0 | <0.002 | 0.01 | 0.52 | 4.7 | 1 | 2.0 | 45.4 | 1.57 | <0.05 | 20.3 | 0.085 | 0.89 |
| J598248 | | 70 | 70.9 | 164.5 | <0.002 | 0.13 | 0.62 | 4.4 | 1 | 1.9 | 43.6 | 1.66 | <0.05 | 19.5 | 0.076 | 0.84 |
| J598249 | | 90 | 16.7 | 166.5 | <0.002 | 0.06 | 0.54 | 4.9 | 1 | 2.1 | 53.1 | 1.64 | <0.05 | 20.6 | 0.093 | 0.90 |
| J598250 | | 660 | 76.6 | 590 | <0.002 | 3.03 | 1.34 | 3.6 | <1 | 1.0 | 165.5 | 0.80 | <0.05 | 2.8 | 0.217 | 6.49 |
| J598251 | | 110 | 8.1 | 163.0 | <0.002 | 0.02 | 0.56 | 5.1 | 1 | 2.4 | 59.9 | 1.25 | <0.05 | 18.5 | 0.100 | 0.84 |
| J598252 | | 100 | 7.3 | 157.0 | <0.002 | 0.01 | 0.58 | 5.0 | 1 | 2.3 | 55.5 | 1.38 | <0.05 | 18.6 | 0.097 | 0.80 |
| J598253 | | 90 | 6.8 | 163.0 | <0.002 | 0.01 | 0.55 | 4.8 | 1 | 2.1 | 49.3 | 1.51 | <0.05 | 19.2 | 0.092 | 0.79 |
| J598254 | | 100 | 7.4 | 167.5 | <0.002 | 0.01 | 0.65 | 5.0 | 1 | 1.9 | 54.4 | 1.48 | <0.05 | 19.6 | 0.097 | 0.80 |
| J598255 | | 90 | 6.7 | 158.0 | <0.002 | 0.01 | 0.58 | 4.9 | 1 | 1.8 | 50.9 | 1.62 | <0.05 | 21.2 | 0.095 | 0.80 |
| J598256 | | 110 | 6.4 | 161.0 | <0.002 | 0.03 | 0.57 | 4.9 | 1 | 2.3 | 53.3 | 1.43 | <0.05 | 18.7 | 0.101 | 0.80 |
| J598257 | | 90 | 26.0 | 157.0 | <0.002 | 0.19 | 0.91 | 5.0 | 1 | 1.5 | 57.9 | 1.57 | <0.05 | 19.7 | 0.098 | 0.87 |
| J598258 | | 110 | 27.9 | 166.0 | <0.002 | 0.37 | 0.70 | 5.0 | 1 | 1.5 | 50.1 | 1.54 | <0.05 | 19.1 | 0.099 | 0.88 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 U ppm 0.1 | 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 | Cu-OG62 Cu % 0.001 |
|---|---|---|---|---|---|---|---|---|
| J598219 | | 4.5 | 4 | 1.6 | 25.0 | 24 | 161.5 | |
| J598220 | | 4.2 | 4 | 1.4 | 21.4 | 21 | 141.0 | |
| J598221 | | 4.6 | 4 | 1.8 | 24.2 | 21 | 163.0 | |
| J598222 | | 4.3 | 4 | 1.3 | 24.7 | 16 | 180.0 | |
| J598223 | | 4.6 | 3 | 1.7 | 21.3 | 19 | 154.0 | |
| J598224 | | 4.6 | 3 | 1.3 | 20.2 | 13 | 144.0 | |
| J598225 | | 2.2 | 15 | 1.0 | 17.4 | 44 | 26.8 | |
| J598226 | | 5.2 | 4 | 1.5 | 21.7 | 20 | 147.5 | |
| J598227 | | 4.5 | 4 | 1.3 | 19.0 | 14 | 140.5 | |
| J598228 | | 4.9 | 4 | 2.3 | 21.2 | 23 | 152.5 | |
| J598229 | | 4.9 | 4 | 1.3 | 24.6 | 20 | 147.5 | |
| J598230 | | 5.2 | 4 | 1.1 | 23.6 | 11 | 155.5 | |
| J598231 | | 5.5 | 4 | 1.4 | 23.5 | 11 | 151.0 | |
| J598232 | | 4.8 | 4 | 2.1 | 22.5 | 11 | 151.5 | |
| J598233 | | 4.3 | 4 | 2.6 | 20.9 | 10 | 160.0 | |
| J598234 | | 5.4 | 4 | 2.3 | 22.5 | 20 | 154.0 | |
| J598235 | | 5.1 | 4 | 3.5 | 22.5 | 48 | 158.5 | |
| J598236 | | 5.4 | 3 | 3.3 | 22.5 | 17 | 165.5 | |
| J598237 | | 5.3 | 4 | 2.7 | 21.0 | 13 | 166.0 | |
| J598238 | | 4.8 | 4 | 2.5 | 29.2 | 17 | 158.5 | |
| J598239 | | 5.1 | 4 | 2.7 | 23.5 | 13 | 164.5 | |
| J598240 | | 5.3 | 4 | 3.3 | 24.6 | 19 | 161.5 | |
| J598241 | | 5.4 | 4 | 3.1 | 25.4 | 15 | 157.0 | |
| J598242 | | 5.5 | 3 | 3.4 | 29.9 | 20 | 145.5 | |
| J598243 | | 5.1 | 4 | 3.7 | 26.7 | 17 | 166.5 | |
| J598244 | | 5.8 | 4 | 3.3 | 33.0 | 32 | 159.5 | |
| J598245 | | 5.1 | 4 | 3.5 | 28.8 | 18 | 172.5 | |
| J598246 | | 5.1 | 4 | 3.1 | 31.3 | 28 | 168.5 | |
| J598247 | | 5.8 | 4 | 2.2 | 23.6 | 15 | 176.0 | |
| J598248 | | 5.7 | 4 | 1.7 | 19.8 | 120 | 155.0 | |
| J598249 | | 5.7 | 5 | 2.1 | 22.0 | 21 | 166.0 | |
| J598250 | | 1.3 | 27 | 0.3 | 5.5 | 38 | 51.6 | |
| J598251 | | 4.7 | 5 | 1.8 | 20.0 | 21 | 168.0 | |
| J598252 | | 4.9 | 5 | 1.8 | 19.8 | 16 | 177.0 | |
| J598253 | | 5.2 | 5 | 2.1 | 22.8 | 15 | 173.0 | |
| J598254 | | 5.0 | 5 | 2.1 | 22.3 | 16 | 170.0 | |
| J598255 | | 6.4 | 5 | 2.1 | 22.1 | 13 | 195.0 | |
| J598256 | | 4.3 | 5 | 2.0 | 26.6 | 16 | 178.0 | |
| J598257 | | 5.3 | 5 | 2.0 | 20.7 | 22 | 160.0 | |
| J598258 | | 5.1 | 5 | 3.3 | 19.6 | 31 | 183.5 | |

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

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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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | Au-GRA21 Au g/t 0.05 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598259 | | 1.71 | 0.005 | | 0.10 | 6.27 | 9.6 | 780 | 1.64 | 0.60 | 0.61 | 0.03 | 99.9 | 1.8 | 7 | 2.21 |
| J598260 | | 1.75 | 0.006 | | 0.08 | 6.24 | 9.2 | 780 | 1.80 | 2.45 | 0.63 | 0.02 | 110.5 | 1.8 | 8 | 2.46 |
| J598261 | | 1.91 | <0.005 | | 0.07 | 6.38 | 8.1 | 790 | 1.81 | 0.46 | 0.61 | 0.02 | 106.5 | 1.7 | 6 | 2.45 |
| J598262 | | 1.78 | <0.005 | | 0.10 | 6.10 | 12.9 | 810 | 1.71 | 0.67 | 0.60 | 0.15 | 104.0 | 1.6 | 8 | 2.36 |
| J598263 | | 1.74 | <0.005 | | 0.13 | 6.10 | 15.0 | 710 | 1.82 | 0.26 | 0.57 | 0.07 | 99.6 | 1.8 | 9 | 2.47 |
| J598264 | | 1.84 | <0.005 | | 0.04 | 6.11 | 7.1 | 780 | 1.82 | 0.16 | 0.58 | 0.03 | 95.7 | 1.5 | 6 | 2.36 |
| J598265 | | 1.96 | <0.005 | | 0.03 | 6.19 | 7.6 | 870 | 1.67 | 0.19 | 0.74 | 0.02 | 104.0 | 1.9 | 6 | 2.85 |
| J598266 | | 1.83 | <0.005 | | 0.04 | 6.50 | 6.3 | 890 | 1.82 | 0.21 | 0.79 | <0.02 | 100.5 | 2.0 | 8 | 3.30 |
| J598267 | | 1.36 | <0.005 | | 0.04 | 6.41 | 5.9 | 830 | 1.94 | 0.33 | 0.88 | 0.02 | 105.5 | 2.7 | 6 | 3.31 |
| J598268 | | 1.44 | <0.005 | | 0.05 | 6.68 | 3.4 | 890 | 1.80 | 0.51 | 1.04 | 0.04 | 106.0 | 3.1 | 6 | 3.56 |
| J598269 | | 1.33 | <0.005 | | 0.07 | 6.78 | 8.3 | 930 | 1.84 | 0.63 | 0.95 | 0.04 | 95.3 | 3.8 | 7 | 2.79 |
| J598270 | | 2.14 | <0.005 | | 0.09 | 6.46 | 10.6 | 920 | 1.71 | 0.70 | 0.75 | 0.10 | 104.5 | 3.1 | 6 | 2.41 |
| J598271 | | 2.03 | <0.005 | | 0.12 | 7.14 | 13.2 | 940 | 2.06 | 0.40 | 1.10 | 0.04 | 116.5 | 5.7 | 6 | 2.58 |
| J598272 | | 1.92 | <0.005 | | 0.09 | 6.44 | 11.6 | 1110 | 1.86 | 0.91 | 0.72 | 0.04 | 107.0 | 5.6 | 7 | 3.65 |
| J598273 | | 2.06 | 0.025 | | 0.52 | 6.49 | 15.2 | 1110 | 1.75 | 3.87 | 0.68 | 0.10 | 104.5 | 9.9 | 7 | 3.78 |
| J598274 | | 2.26 | <0.005 | | 0.07 | 6.59 | 13.2 | 1000 | 1.85 | 0.29 | 0.78 | <0.02 | 113.0 | 2.9 | 8 | 2.69 |
| J598275 | | 0.03 | 3.37 | | 0.16 | 1.53 | 1.3 | 100 | 0.35 | 0.15 | 0.01 | 0.16 | 17.30 | 1.1 | 11 | 0.59 |
| J598276 | | 2.05 | <0.005 | | 0.04 | 6.60 | 23.3 | 1000 | 1.55 | 0.21 | 0.80 | 0.03 | 108.0 | 3.4 | 6 | 2.30 |
| J598277 | | 1.70 | 0.030 | | 0.03 | 6.33 | 28.4 | 930 | 1.45 | 0.19 | 0.86 | 0.04 | 101.5 | 2.5 | 7 | 2.08 |
| J598278 | | 1.47 | <0.005 | | 0.05 | 6.34 | 34.4 | 900 | 1.37 | 0.22 | 0.86 | 0.06 | 105.5 | 2.3 | 6 | 2.15 |
| J598279 | | 0.98 | <0.005 | | 0.03 | 6.37 | 14.0 | 920 | 2.31 | 0.13 | 0.88 | 0.04 | 100.5 | 2.1 | 6 | 2.44 |
| J598280 | | 1.99 | <0.005 | | 0.01 | 6.25 | 19.6 | 820 | 2.12 | 0.11 | 0.99 | 0.04 | 96.2 | 2.0 | 10 | 2.26 |
| J598281 | | 2.17 | <0.005 | | 0.08 | 6.40 | 25.9 | 890 | 1.48 | 0.19 | 0.86 | 0.05 | 105.5 | 3.1 | 10 | 2.46 |
| J598282 | | 1.97 | <0.005 | | 0.05 | 6.15 | 25.8 | 940 | 1.48 | 0.25 | 0.81 | 0.03 | 97.4 | 3.2 | 11 | 2.66 |
| J598283 | | 2.13 | <0.005 | | 0.05 | 6.28 | 27.7 | 1010 | 1.28 | 0.29 | 0.84 | 0.02 | 101.5 | 3.0 | 9 | 2.92 |
| J598284 | | 2.11 | <0.005 | | 0.10 | 6.42 | 34.4 | 1010 | 1.50 | 0.62 | 0.85 | 0.04 | 115.5 | 3.2 | 8 | 2.94 |
| J598285 | | 2.04 | <0.005 | | 0.08 | 6.36 | 21.3 | 980 | 1.57 | 0.24 | 0.83 | 0.03 | 105.5 | 3.5 | 9 | 2.77 |
| J598286 | | 2.00 | <0.005 | | 0.07 | 6.25 | 22.1 | 1020 | 1.46 | 1.25 | 0.82 | 0.04 | 101.0 | 3.9 | 7 | 2.78 |
| J598287 | | 2.03 | <0.005 | | 0.06 | 6.26 | 18.4 | 970 | 1.60 | 0.34 | 0.83 | 0.03 | 107.5 | 3.5 | 11 | 2.86 |
| J598288 | | 1.66 | <0.005 | | 0.05 | 5.92 | 14.8 | 990 | 1.47 | 0.25 | 0.81 | 0.02 | 129.0 | 4.1 | 10 | 2.82 |
| J598289 | | 1.40 | 0.013 | | 0.09 | 6.05 | 14.8 | 1060 | 1.44 | 1.22 | 0.77 | 0.03 | 102.0 | 3.2 | 9 | 2.38 |
| J598290 | | 0.69 | 0.068 | | 0.11 | 7.22 | 6.5 | 990 | 1.70 | 14.95 | 1.20 | 0.03 | 75.1 | 5.5 | 6 | 3.99 |
| J598291 | | 2.08 | 0.019 | | 0.04 | 6.26 | 12.8 | 1060 | 1.26 | 1.04 | 1.05 | 0.04 | 102.0 | 3.7 | 10 | 2.95 |
| J598292 | | 1.97 | <0.005 | | 0.06 | 6.92 | 17.0 | 990 | 1.70 | 0.48 | 1.05 | 0.04 | 95.2 | 5.2 | 14 | 3.14 |
| J598293 | | 1.20 | <0.005 | | 0.04 | 6.91 | 15.2 | 1160 | 1.69 | 0.32 | 1.01 | 0.05 | 119.0 | 6.3 | 9 | 3.58 |
| J598294 | | 1.49 | 0.009 | | 0.11 | 6.28 | 5.1 | 1070 | 2.14 | 0.22 | 0.85 | 0.10 | 310 | 12.1 | 5 | 5.37 |
| J598295 | | 1.46 | <0.005 | | 0.04 | 6.67 | 7.3 | 1150 | 1.45 | 0.16 | 0.75 | 0.03 | 109.0 | 4.2 | 6 | 3.10 |
| J598296 | | 1.99 | <0.005 | | 0.04 | 6.67 | 6.8 | 1050 | 1.58 | 0.65 | 0.83 | 0.03 | 111.0 | 3.4 | 8 | 2.50 |
| J598297 | | 1.79 | <0.005 | | 0.06 | 6.47 | 5.5 | 990 | 1.49 | 1.52 | 0.88 | 0.03 | 96.2 | 3.5 | 9 | 2.47 |
| J598298 | | 1.83 | <0.005 | | 0.03 | 6.51 | 6.5 | 1000 | 1.62 | 1.19 | 0.91 | 0.02 | 109.0 | 3.2 | 8 | 2.72 |

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Cu ppm 0.2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598259 | | 40.0 | 1.33 | 16.60 | 0.13 | 4.8 | 0.027 | 3.90 | 49.5 | 17.4 | 0.09 | 162 | 6.98 | 2.67 | 13.8 | 1.2 |
| J598260 | | 13.3 | 1.43 | 16.80 | 0.15 | 5.4 | 0.023 | 3.59 | 55.1 | 15.9 | 0.11 | 190 | 7.92 | 2.77 | 13.5 | 1.4 |
| J598261 | | 7.4 | 1.34 | 16.35 | 0.18 | 5.5 | 0.025 | 3.52 | 55.2 | 13.6 | 0.10 | 203 | 5.77 | 2.61 | 13.5 | 1.5 |
| J598262 | | 10.7 | 1.22 | 15.60 | 0.21 | 5.2 | 0.033 | 3.37 | 54.2 | 15.3 | 0.10 | 204 | 3.64 | 2.47 | 11.9 | 1.6 |
| J598263 | | 12.5 | 1.25 | 15.70 | 0.17 | 5.6 | 0.024 | 3.40 | 52.6 | 13.1 | 0.10 | 214 | 3.24 | 2.50 | 13.4 | 1.4 |
| J598264 | | 2.4 | 1.25 | 15.75 | 0.17 | 5.5 | 0.022 | 3.37 | 50.3 | 13.4 | 0.10 | 218 | 3.23 | 2.54 | 12.8 | 1.4 |
| J598265 | | 5.0 | 1.33 | 15.75 | 0.18 | 5.3 | 0.037 | 3.16 | 55.2 | 18.0 | 0.13 | 272 | 2.75 | 2.53 | 11.9 | 1.6 |
| J598266 | | 3.3 | 1.51 | 16.25 | 0.18 | 5.9 | 0.034 | 3.27 | 53.2 | 18.4 | 0.17 | 305 | 3.03 | 2.64 | 12.4 | 2.0 |
| J598267 | | 11.5 | 1.61 | 16.75 | 0.20 | 6.3 | 0.043 | 3.03 | 56.0 | 22.6 | 0.19 | 328 | 2.69 | 2.67 | 13.7 | 2.2 |
| J598268 | | 15.7 | 1.88 | 16.85 | 0.19 | 5.7 | 0.049 | 3.01 | 55.9 | 25.9 | 0.25 | 385 | 2.86 | 2.65 | 13.0 | 2.6 |
| J598269 | | 61.1 | 2.00 | 16.85 | 0.21 | 6.1 | 0.039 | 3.02 | 49.9 | 19.6 | 0.20 | 318 | 2.53 | 2.73 | 13.9 | 2.6 |
| J598270 | | 45.0 | 1.64 | 16.65 | 0.24 | 5.7 | 0.025 | 3.44 | 55.3 | 19.5 | 0.15 | 235 | 3.11 | 2.43 | 12.3 | 1.7 |
| J598271 | | 133.5 | 2.29 | 17.85 | 0.24 | 6.5 | 0.032 | 3.23 | 61.7 | 20.7 | 0.16 | 372 | 3.78 | 2.72 | 14.0 | 2.0 |
| J598272 | | 76.8 | 2.52 | 17.15 | 0.25 | 5.9 | 0.078 | 3.51 | 57.1 | 22.7 | 0.17 | 455 | 5.33 | 2.10 | 12.6 | 1.8 |
| J598273 | | 444 | 2.73 | 16.85 | 0.24 | 6.1 | 0.179 | 3.47 | 55.4 | 23.8 | 0.16 | 523 | 40.2 | 2.18 | 13.4 | 1.7 |
| J598274 | | 15.8 | 1.81 | 17.05 | 0.20 | 5.8 | 0.047 | 3.39 | 59.9 | 20.5 | 0.15 | 485 | 5.67 | 2.47 | 13.0 | 1.8 |
| J598275 | | 6.7 | 1.32 | 3.76 | <0.05 | 0.6 | 0.011 | 0.16 | 9.8 | 17.5 | 0.02 | 104 | 0.86 | 0.02 | 3.5 | 5.7 |
| J598276 | | 15.9 | 1.69 | 16.60 | 0.20 | 6.0 | 0.035 | 3.23 | 57.6 | 19.7 | 0.15 | 377 | 3.10 | 2.59 | 12.7 | 1.7 |
| J598277 | | 8.5 | 1.60 | 15.70 | 0.21 | 5.4 | 0.025 | 3.19 | 54.0 | 16.3 | 0.13 | 394 | 3.00 | 2.36 | 11.9 | 1.8 |
| J598278 | | 13.7 | 1.45 | 15.95 | 0.23 | 5.6 | 0.029 | 3.41 | 55.5 | 15.6 | 0.13 | 375 | 4.49 | 2.23 | 11.8 | 1.7 |
| J598279 | | 14.6 | 1.60 | 15.95 | 0.21 | 5.5 | 0.043 | 3.17 | 53.1 | 18.5 | 0.20 | 335 | 3.93 | 2.14 | 12.7 | 1.7 |
| J598280 | | 10.5 | 1.57 | 15.60 | 0.24 | 5.2 | 0.030 | 3.05 | 50.7 | 20.4 | 0.17 | 369 | 3.03 | 2.06 | 13.0 | 2.2 |
| J598281 | | 10.3 | 1.67 | 16.85 | 0.13 | 5.6 | 0.029 | 3.25 | 53.4 | 18.9 | 0.16 | 306 | 3.21 | 2.56 | 12.4 | 2.6 |
| J598282 | | 4.1 | 1.59 | 16.60 | 0.16 | 5.8 | 0.025 | 3.22 | 49.1 | 18.7 | 0.16 | 255 | 5.43 | 2.48 | 11.1 | 1.9 |
| J598283 | | 8.2 | 1.69 | 16.70 | 0.15 | 5.2 | 0.025 | 3.27 | 51.9 | 18.4 | 0.17 | 278 | 3.49 | 2.42 | 10.6 | 2.2 |
| J598284 | | 3.2 | 1.59 | 16.75 | 0.18 | 5.9 | 0.027 | 3.29 | 57.4 | 18.4 | 0.17 | 291 | 3.49 | 2.55 | 11.6 | 1.5 |
| J598285 | | 3.4 | 1.74 | 17.15 | 0.17 | 5.6 | 0.025 | 3.21 | 54.3 | 19.1 | 0.18 | 293 | 3.43 | 2.61 | 12.2 | 2.2 |
| J598286 | | 3.7 | 1.70 | 16.55 | 0.16 | 5.1 | 0.023 | 3.20 | 51.0 | 18.2 | 0.17 | 299 | 3.13 | 2.45 | 10.9 | 1.8 |
| J598287 | | 8.0 | 1.81 | 17.60 | 0.18 | 5.6 | 0.031 | 3.17 | 54.8 | 18.8 | 0.17 | 353 | 3.31 | 2.48 | 12.2 | 2.2 |
| J598288 | | 3.6 | 1.61 | 17.25 | 0.23 | 5.4 | 0.029 | 3.14 | 64.4 | 20.6 | 0.17 | 308 | 4.26 | 2.29 | 11.9 | 1.7 |
| J598289 | | 5.3 | 1.61 | 16.65 | 0.19 | 5.2 | 0.026 | 3.37 | 52.0 | 16.0 | 0.15 | 295 | 4.73 | 2.28 | 11.1 | 2.2 |
| J598290 | | 12.5 | 2.51 | 16.10 | 0.14 | 8.8 | 0.049 | 2.81 | 34.2 | 22.9 | 0.26 | 529 | 2.20 | 2.85 | 18.7 | 2.4 |
| J598291 | | 4.1 | 1.88 | 13.15 | 0.15 | 5.5 | 0.033 | 3.09 | 52.9 | 13.2 | 0.18 | 434 | 3.83 | 2.36 | 11.7 | 2.4 |
| J598292 | | 2.8 | 2.37 | 18.70 | 0.16 | 6.0 | 0.040 | 3.12 | 48.0 | 20.4 | 0.22 | 494 | 2.15 | 2.56 | 13.9 | 2.3 |
| J598293 | | 3.5 | 2.58 | 18.30 | 0.23 | 6.0 | 0.051 | 3.14 | 61.4 | 20.9 | 0.23 | 507 | 1.55 | 2.56 | 14.1 | 2.9 |
| J598294 | | 49.6 | 4.10 | 20.5 | 0.45 | 5.4 | 0.100 | 2.86 | 171.5 | 28.4 | 0.26 | 650 | 2.99 | 2.05 | 11.8 | 8.1 |
| J598295 | | 10.5 | 2.30 | 17.60 | 0.20 | 6.1 | 0.027 | 3.60 | 56.6 | 19.2 | 0.16 | 417 | 2.49 | 2.37 | 13.3 | 2.6 |
| J598296 | | 18.3 | 2.06 | 17.35 | 0.21 | 5.5 | 0.032 | 3.20 | 57.1 | 17.8 | 0.17 | 385 | 2.16 | 2.55 | 11.8 | 2.0 |
| J598297 | | 20.9 | 1.81 | 16.95 | 0.17 | 5.3 | 0.036 | 3.24 | 48.6 | 19.6 | 0.19 | 361 | 2.46 | 2.38 | 11.7 | 2.7 |
| J598298 | | 8.1 | 1.70 | 17.20 | 0.20 | 5.8 | 0.033 | 3.25 | 55.4 | 16.9 | 0.19 | 318 | 2.56 | 2.53 | 12.2 | 2.2 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 P ppm 10 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598259 | | 110 | 13.0 | 156.0 | <0.002 | 0.16 | 0.60 | 4.9 | 1 | 1.9 | 61.4 | 1.31 | <0.05 | 17.6 | 0.105 | 0.85 |
| J598260 | | 110 | 9.3 | 149.0 | <0.002 | 0.06 | 0.61 | 5.0 | 1 | 2.4 | 63.4 | 1.30 | <0.05 | 18.5 | 0.106 | 0.82 |
| J598261 | | 120 | 8.7 | 144.5 | <0.002 | 0.02 | 0.58 | 5.0 | 1 | 2.6 | 64.8 | 1.26 | <0.05 | 17.6 | 0.106 | 0.74 |
| J598262 | | 120 | 20.3 | 133.5 | <0.002 | 0.04 | 0.59 | 5.0 | 1 | 2.7 | 64.8 | 1.08 | <0.05 | 15.8 | 0.109 | 0.77 |
| J598263 | | 110 | 22.7 | 140.0 | <0.002 | 0.05 | 0.57 | 5.0 | 1 | 2.5 | 58.8 | 1.30 | <0.05 | 18.1 | 0.100 | 0.75 |
| J598264 | | 120 | 7.4 | 140.0 | <0.002 | <0.01 | 0.46 | 4.9 | 1 | 2.4 | 66.5 | 1.26 | <0.05 | 17.3 | 0.106 | 0.75 |
| J598265 | | 160 | 7.8 | 130.5 | <0.002 | 0.01 | 0.44 | 5.5 | 1 | 3.0 | 85.2 | 1.11 | <0.05 | 15.6 | 0.125 | 0.75 |
| J598266 | | 190 | 8.3 | 133.5 | 0.002 | <0.01 | 0.55 | 6.2 | 1 | 3.1 | 94.8 | 1.11 | <0.05 | 15.8 | 0.141 | 0.79 |
| J598267 | | 240 | 9.6 | 127.5 | <0.002 | 0.03 | 0.43 | 6.8 | 1 | 3.2 | 118.0 | 1.24 | <0.05 | 16.8 | 0.164 | 0.80 |
| J598268 | | 320 | 9.1 | 134.0 | 0.002 | 0.05 | 0.39 | 7.7 | 1 | 3.4 | 133.5 | 1.01 | <0.05 | 13.4 | 0.203 | 0.87 |
| J598269 | | 250 | 17.4 | 123.5 | <0.002 | 0.24 | 0.56 | 7.3 | 1 | 3.2 | 100.5 | 1.12 | <0.05 | 15.0 | 0.179 | 0.82 |
| J598270 | | 190 | 41.3 | 127.0 | <0.002 | 0.18 | 0.57 | 6.2 | 1 | 2.4 | 101.0 | 1.09 | <0.05 | 15.9 | 0.140 | 0.83 |
| J598271 | | 200 | 17.8 | 135.0 | <0.002 | 0.32 | 0.55 | 6.8 | 1 | 3.5 | 93.8 | 1.23 | <0.05 | 17.9 | 0.148 | 0.86 |
| J598272 | | 190 | 23.5 | 152.5 | 0.002 | 0.14 | 0.53 | 6.5 | 1 | 10.1 | 85.1 | 1.10 | <0.05 | 15.5 | 0.142 | 1.08 |
| J598273 | | 180 | 13.8 | 160.5 | 0.002 | 0.17 | 0.59 | 6.3 | 1 | 8.8 | 80.5 | 1.22 | 0.05 | 17.0 | 0.139 | 1.15 |
| J598274 | | 200 | 9.6 | 131.0 | <0.002 | 0.01 | 0.48 | 6.5 | 1 | 5.4 | 102.5 | 1.17 | <0.05 | 17.7 | 0.144 | 0.97 |
| J598275 | | 50 | 28.4 | 12.1 | <0.002 | 1.02 | 0.52 | 1.4 | 1 | 1.4 | 13.5 | 0.30 | <0.05 | 3.3 | 0.089 | 0.40 |
| J598276 | | 190 | 9.9 | 125.5 | 0.002 | 0.04 | 0.46 | 6.5 | 1 | 4.6 | 95.2 | 1.08 | <0.05 | 15.8 | 0.145 | 0.95 |
| J598277 | | 200 | 10.6 | 122.5 | <0.002 | 0.03 | 0.47 | 6.2 | 1 | 3.8 | 86.1 | 1.07 | <0.05 | 15.0 | 0.144 | 0.91 |
| J598278 | | 200 | 17.8 | 125.0 | <0.002 | 0.04 | 0.49 | 6.1 | 1 | 2.9 | 91.4 | 1.02 | <0.05 | 15.5 | 0.143 | 0.92 |
| J598279 | | 190 | 20.3 | 132.5 | <0.002 | 0.05 | 0.37 | 6.1 | 1 | 5.6 | 66.6 | 1.15 | <0.05 | 16.0 | 0.142 | 0.89 |
| J598280 | | 190 | 23.3 | 128.0 | <0.002 | 0.05 | 0.39 | 6.0 | 1 | 3.6 | 70.4 | 1.16 | <0.05 | 15.8 | 0.136 | 0.85 |
| J598281 | | 190 | 16.9 | 118.5 | <0.002 | 0.03 | 0.69 | 6.4 | 1 | 2.4 | 103.0 | 1.11 | <0.05 | 16.1 | 0.138 | 0.86 |
| J598282 | | 190 | 7.7 | 116.5 | <0.002 | 0.02 | 0.56 | 6.3 | 1 | 2.1 | 109.5 | 0.91 | <0.05 | 13.2 | 0.139 | 0.82 |
| J598283 | | 200 | 10.3 | 123.0 | <0.002 | 0.04 | 0.71 | 6.7 | 1 | 2.2 | 110.5 | 0.84 | <0.05 | 12.5 | 0.144 | 0.84 |
| J598284 | | 210 | 10.3 | 116.5 | <0.002 | 0.01 | 0.79 | 6.8 | 1 | 1.9 | 108.0 | 0.92 | <0.05 | 15.7 | 0.151 | 0.78 |
| J598285 | | 210 | 8.3 | 117.0 | <0.002 | 0.01 | 0.70 | 7.1 | 1 | 2.1 | 108.5 | 0.98 | <0.05 | 14.6 | 0.154 | 0.77 |
| J598286 | | 200 | 8.9 | 115.5 | <0.002 | 0.02 | 0.65 | 6.5 | 1 | 2.0 | 110.5 | 0.87 | <0.05 | 13.4 | 0.146 | 0.78 |
| J598287 | | 220 | 9.8 | 117.5 | <0.002 | 0.01 | 0.62 | 7.1 | 1 | 2.9 | 119.5 | 0.98 | <0.05 | 14.2 | 0.153 | 0.83 |
| J598288 | | 200 | 7.8 | 116.0 | <0.002 | <0.01 | 0.61 | 7.1 | 1 | 1.9 | 118.0 | 0.91 | <0.05 | 14.7 | 0.144 | 0.79 |
| J598289 | | 180 | 8.5 | 115.0 | 0.006 | <0.01 | 0.60 | 6.1 | 1 | 1.8 | 112.5 | 0.98 | 0.06 | 14.3 | 0.130 | 0.78 |
| J598290 | | 340 | 17.6 | 136.5 | <0.002 | 0.01 | 0.31 | 9.9 | 1 | 3.5 | 127.5 | 1.52 | 0.57 | 16.1 | 0.247 | 1.11 |
| J598291 | | 240 | 9.0 | 119.5 | <0.002 | 0.02 | 0.52 | 6.2 | 1 | 2.3 | 120.5 | 0.95 | 0.06 | 13.7 | 0.160 | 0.87 |
| J598292 | | 300 | 8.8 | 123.5 | <0.002 | <0.01 | 0.44 | 8.0 | 1 | 3.3 | 123.5 | 1.18 | <0.05 | 15.8 | 0.191 | 0.89 |
| J598293 | | 310 | 11.5 | 134.5 | <0.002 | <0.01 | 0.52 | 7.9 | 1 | 3.9 | 136.0 | 1.13 | <0.05 | 16.2 | 0.203 | 1.01 |
| J598294 | | 300 | 16.6 | 164.0 | 0.002 | 0.11 | 0.26 | 7.2 | 2 | 8.8 | 92.5 | 0.87 | <0.05 | 17.0 | 0.147 | 1.32 |
| J598295 | | 230 | 9.4 | 138.0 | <0.002 | 0.03 | 0.36 | 6.9 | 1 | 3.7 | 88.9 | 1.14 | <0.05 | 16.1 | 0.160 | 1.06 |
| J598296 | | 220 | 11.0 | 120.0 | 0.002 | 0.02 | 0.36 | 6.7 | 1 | 3.4 | 105.5 | 0.93 | <0.05 | 14.6 | 0.158 | 0.88 |
| J598297 | | 240 | 9.7 | 115.5 | <0.002 | 0.01 | 0.45 | 6.8 | 1 | 2.7 | 125.5 | 0.93 | <0.05 | 13.6 | 0.165 | 0.83 |
| J598298 | | 240 | 9.3 | 119.5 | <0.002 | <0.01 | 0.50 | 7.0 | 1 | 2.2 | 123.0 | 1.02 | <0.05 | 15.0 | 0.165 | 0.79 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 U ppm 0.1 | 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 | Cu-OG62 Cu % 0.001 |
|---|---|---|---|---|---|---|---|---|
| J598259 | | 5.0 | 5 | 1.6 | 18.4 | 13 | 164.0 | |
| J598260 | | 4.6 | 6 | 1.3 | 20.0 | 19 | 182.5 | |
| J598261 | | 4.2 | 6 | 1.3 | 21.9 | 19 | 169.0 | |
| J598262 | | 3.8 | 6 | 1.4 | 18.3 | 70 | 166.5 | |
| J598263 | | 4.9 | 5 | 1.8 | 23.6 | 36 | 175.5 | |
| J598264 | | 4.4 | 6 | 1.5 | 22.0 | 18 | 177.0 | |
| J598265 | | 3.9 | 8 | 0.8 | 20.0 | 19 | 178.5 | |
| J598266 | | 4.0 | 10 | 0.9 | 21.1 | 24 | 202 | |
| J598267 | | 4.1 | 12 | 0.7 | 23.0 | 31 | 218 | |
| J598268 | | 3.2 | 16 | 0.8 | 24.5 | 31 | 213 | |
| J598269 | | 3.9 | 13 | 1.6 | 25.2 | 31 | 216 | |
| J598270 | | 3.9 | 9 | 1.3 | 22.4 | 40 | 193.5 | |
| J598271 | | 4.2 | 10 | 2.7 | 27.0 | 34 | 220 | |
| J598272 | | 3.8 | 10 | 3.2 | 23.7 | 49 | 198.0 | |
| J598273 | | 4.4 | 9 | 4.1 | 24.9 | 53 | 206 | |
| J598274 | | 4.1 | 10 | 2.2 | 25.4 | 38 | 195.0 | |
| J598275 | | 0.4 | 8 | 0.9 | 2.9 | 18 | 19.3 | |
| J598276 | | 3.7 | 10 | 1.8 | 24.0 | 39 | 214 | |
| J598277 | | 3.5 | 10 | 1.4 | 23.2 | 35 | 182.5 | |
| J598278 | | 3.7 | 9 | 1.3 | 23.5 | 47 | 189.5 | |
| J598279 | | 4.0 | 9 | 1.6 | 24.4 | 38 | 190.0 | |
| J598280 | | 3.8 | 9 | 2.2 | 24.2 | 32 | 177.0 | |
| J598281 | | 3.8 | 12 | 1.5 | 22.0 | 25 | 195.0 | |
| J598282 | | 3.2 | 12 | 0.7 | 19.4 | 17 | 219 | |
| J598283 | | 2.8 | 13 | 0.7 | 19.8 | 18 | 191.0 | |
| J598284 | | 3.1 | 12 | 0.9 | 21.2 | 18 | 224 | |
| J598285 | | 3.4 | 13 | 0.8 | 21.9 | 16 | 212 | |
| J598286 | | 3.6 | 13 | 0.7 | 20.9 | 22 | 196.0 | |
| J598287 | | 3.3 | 13 | 0.9 | 22.9 | 20 | 217 | |
| J598288 | | 3.0 | 12 | 0.7 | 22.3 | 20 | 201 | |
| J598289 | | 3.3 | 11 | 1.1 | 19.8 | 16 | 186.0 | |
| J598290 | | 5.4 | 15 | 1.3 | 28.1 | 42 | 318 | |
| J598291 | | 3.2 | 12 | 1.7 | 22.5 | 28 | 192.5 | |
| J598292 | | 3.9 | 13 | 1.2 | 25.5 | 36 | 219 | |
| J598293 | | 3.7 | 14 | 1.9 | 27.0 | 44 | 228 | |
| J598294 | | 5.7 | 14 | 2.5 | 42.8 | 74 | 202 | |
| J598295 | | 3.9 | 11 | 4.6 | 23.8 | 34 | 223 | |
| J598296 | | 3.3 | 11 | 1.8 | 22.8 | 29 | 213 | |
| J598297 | | 3.2 | 12 | 4.3 | 22.4 | 26 | 201 | |
| J598298 | | 3.3 | 12 | 0.8 | 24.7 | 28 | 220 | |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | Au-GRA21 Au g/t 0.05 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598299 | | 1.94 | <0.005 | | 0.07 | 6.74 | 4.4 | 1000 | 1.54 | 0.87 | 1.01 | 0.04 | 113.0 | 3.2 | 8 | 2.67 |
| J598300 | | 0.03 | 8.28 | | 0.49 | 8.37 | 3.0 | 190 | 2.41 | 0.09 | 1.11 | 0.44 | 18.75 | 10.9 | 40 | 1.54 |
| J598301 | | 1.88 | 0.008 | | 0.08 | 6.75 | 6.1 | 910 | 1.35 | 0.94 | 1.16 | 0.05 | 113.0 | 3.5 | 8 | 3.33 |
| J598302 | | 1.91 | <0.005 | | 0.06 | 6.97 | 7.6 | 890 | 1.53 | 1.80 | 1.01 | 0.04 | 103.0 | 5.8 | 10 | 3.44 |
| J598303 | | 1.79 | 0.008 | | 0.07 | 6.87 | 10.3 | 1030 | 1.60 | 1.47 | 0.98 | 0.05 | 108.0 | 4.2 | 9 | 2.68 |
| J598304 | | 1.74 | <0.005 | | 0.05 | 6.90 | 4.8 | 950 | 1.84 | 0.53 | 1.03 | 0.02 | 103.0 | 4.7 | 8 | 3.15 |
| J598305 | | 1.97 | <0.005 | | 0.09 | 6.94 | 3.7 | 910 | 1.83 | 0.21 | 1.10 | 0.02 | 112.0 | 4.0 | 8 | 3.52 |
| J598306 | | 1.72 | <0.005 | | 0.04 | 6.92 | 4.5 | 970 | 1.88 | 0.47 | 1.11 | 0.02 | 106.0 | 4.0 | 11 | 3.67 |
| J598307 | | 2.12 | <0.005 | | 0.07 | 6.99 | 5.6 | 960 | 1.77 | 0.81 | 1.08 | 0.05 | 108.0 | 4.4 | 12 | 3.80 |
| J598308 | | 2.02 | <0.005 | | 0.06 | 6.57 | 5.1 | 870 | 1.87 | 1.31 | 1.02 | 0.16 | 102.0 | 5.3 | 10 | 4.24 |
| J598309 | | 1.98 | <0.005 | | 0.12 | 7.00 | 5.4 | 900 | 1.87 | 0.57 | 1.05 | 0.06 | 106.5 | 4.6 | 9 | 4.32 |
| J598310 | | 2.16 | <0.005 | | 0.08 | 6.94 | 5.3 | 980 | 1.68 | 1.61 | 1.08 | 0.08 | 117.0 | 3.7 | 8 | 4.34 |
| J598311 | | 2.14 | <0.005 | | 0.04 | 6.79 | 2.8 | 930 | 2.22 | 0.41 | 1.06 | 0.05 | 118.0 | 3.2 | 10 | 4.29 |
| J598312 | | 2.06 | <0.005 | | 0.03 | 7.17 | 4.7 | 1060 | 1.83 | 0.96 | 1.13 | 0.04 | 111.0 | 3.6 | 11 | 4.37 |
| J598313 | | 2.08 | <0.005 | | 0.04 | 6.81 | 5.0 | 900 | 1.62 | 1.37 | 1.09 | 0.06 | 108.0 | 3.1 | 8 | 4.07 |
| J598314 | | 2.01 | <0.005 | | 0.16 | 6.95 | 5.5 | 950 | 1.88 | 0.66 | 1.11 | 0.06 | 106.0 | 3.3 | 10 | 4.16 |
| J598315 | | 2.07 | <0.005 | | 0.06 | 7.02 | 9.8 | 990 | 1.84 | 0.35 | 1.14 | 0.07 | 108.0 | 3.6 | 13 | 4.36 |
| J598316 | | 2.04 | <0.005 | | 0.09 | 6.94 | 9.6 | 920 | 2.09 | 0.25 | 1.06 | 0.06 | 109.5 | 3.5 | 10 | 3.80 |
| J598317 | | 1.40 | 0.349 | | 0.10 | 6.77 | 16.5 | 990 | 1.68 | 0.22 | 1.18 | 0.03 | 99.8 | 3.3 | 7 | 2.66 |
| J598318 | | 1.41 | 0.255 | | 0.20 | 6.33 | 33.3 | 960 | 1.64 | 2.27 | 1.07 | 0.03 | 97.6 | 4.4 | 8 | 1.32 |
| J598319 | | 1.46 | 0.068 | | 0.18 | 6.82 | 49.2 | 1080 | 1.78 | 0.38 | 1.22 | 0.03 | 106.0 | 4.7 | 7 | 2.67 |
| J598320 | | 1.23 | <0.005 | | 0.09 | 6.74 | 42.3 | 1020 | 1.66 | 0.33 | 1.11 | 0.02 | 107.5 | 6.1 | 8 | 3.36 |
| J598321 | | 0.80 | 0.036 | | 0.37 | 6.67 | 17.9 | 1040 | 1.67 | 0.27 | 1.14 | 0.05 | 103.0 | 14.0 | 6 | 4.39 |
| J598322 | | 1.77 | <0.005 | | 0.12 | 6.94 | 21.7 | 1150 | 1.66 | 0.80 | 1.07 | 0.03 | 106.5 | 6.0 | 12 | 3.85 |
| J598323 | | 2.04 | 0.008 | | 0.16 | 6.59 | 26.1 | 1140 | 1.56 | 1.68 | 1.09 | 0.03 | 101.0 | 18.9 | 9 | 3.87 |
| J598324 | | 1.86 | <0.005 | | 0.15 | 6.91 | 23.0 | 1070 | 1.92 | 0.75 | 1.17 | 0.03 | 106.0 | 5.3 | 12 | 3.21 |
| J598325 | | 0.07 | <0.005 | | 0.06 | 6.74 | 1.6 | 930 | 1.20 | 0.09 | 1.50 | 0.08 | 29.9 | 2.4 | 12 | 1.72 |
| J598326 | | 1.92 | 0.012 | | 0.29 | 7.04 | 13.2 | 1130 | 1.90 | 1.84 | 1.21 | 0.04 | 128.5 | 6.4 | 11 | 3.81 |
| J598327 | | 2.03 | 0.009 | | 0.91 | 7.18 | 14.1 | 910 | 1.72 | 0.93 | 1.31 | 0.04 | 111.0 | 5.8 | 10 | 4.01 |
| J598328 | | 2.02 | <0.005 | | 0.12 | 6.95 | 15.3 | 920 | 1.80 | 0.30 | 1.23 | 0.04 | 98.7 | 4.1 | 9 | 3.53 |
| J598329 | | 1.94 | <0.005 | | 0.12 | 7.05 | 16.4 | 1020 | 1.93 | 0.74 | 1.16 | 0.02 | 112.0 | 5.7 | 11 | 3.53 |
| J598330 | | 1.91 | <0.005 | | 0.27 | 6.90 | 17.1 | 1030 | 1.60 | 1.00 | 1.14 | 0.03 | 109.5 | 6.2 | 9 | 3.10 |
| J598331 | | 1.86 | 0.014 | | 0.27 | 7.28 | 18.5 | 1410 | 1.69 | 2.09 | 1.08 | 0.04 | 108.0 | 13.8 | 9 | 3.93 |
| J598332 | | 1.80 | 0.006 | | 0.06 | 6.97 | 11.4 | 930 | 1.81 | 2.31 | 1.23 | 0.04 | 106.0 | 3.2 | 8 | 3.08 |
| J598333 | | 1.74 | <0.005 | | 0.19 | 6.89 | 12.7 | 930 | 1.62 | 0.45 | 1.22 | 0.03 | 103.5 | 3.5 | 10 | 3.20 |
| J598334 | | 1.42 | <0.005 | | 0.08 | 6.87 | 14.5 | 990 | 1.60 | 0.88 | 1.17 | 0.02 | 107.5 | 4.2 | 8 | 3.43 |
| J598335 | | 1.49 | 0.328 | | 3.04 | 7.30 | 16.5 | 1540 | 1.36 | 6.21 | 1.34 | 0.43 | 107.0 | 14.9 | 7 | 4.23 |
| J598336 | | 1.32 | 0.220 | | 3.05 | 7.46 | 26.6 | 1740 | 1.32 | 10.35 | 1.13 | 0.33 | 106.0 | 23.2 | 8 | 4.33 |
| J598337 | | 0.67 | >10.0 | 59.6 | 92.3 | 7.93 | 35.9 | 540 | 0.89 | 16.50 | 0.69 | 8.37 | 51.1 | 46.0 | 5 | 5.40 |
| J598338 | | 0.74 | 1.160 | | 9.93 | 7.56 | 10.0 | 480 | 1.15 | 9.92 | 0.90 | 1.59 | 75.5 | 94.7 | 5 | 7.25 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Cu ppm 0.2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598299 | | 9.6 | 1.82 | 17.55 | 0.20 | 6.2 | 0.037 | 3.19 | 58.2 | 19.0 | 0.23 | 366 | 1.79 | 2.65 | 12.3 | 3.1 |
| J598300 | | 16.8 | 4.63 | 21.2 | 0.11 | 1.4 | 0.014 | 2.43 | 9.6 | 2.3 | 1.03 | 284 | 2.07 | 4.93 | 10.3 | 41.7 |
| J598301 | | 19.6 | 1.99 | 14.45 | 0.17 | 6.6 | 0.040 | 2.92 | 55.4 | 17.4 | 0.27 | 420 | 2.52 | 2.76 | 13.5 | 3.2 |
| J598302 | | 41.2 | 2.47 | 18.00 | 0.21 | 6.0 | 0.028 | 2.87 | 52.2 | 21.9 | 0.28 | 423 | 2.72 | 2.83 | 12.9 | 3.5 |
| J598303 | | 40.5 | 2.21 | 17.45 | 0.22 | 5.8 | 0.026 | 3.25 | 55.1 | 16.9 | 0.21 | 371 | 2.77 | 2.60 | 12.6 | 2.5 |
| J598304 | | 48.8 | 2.37 | 18.85 | 0.22 | 5.6 | 0.041 | 2.96 | 52.1 | 18.5 | 0.23 | 440 | 2.18 | 2.75 | 14.0 | 2.3 |
| J598305 | | 36.9 | 2.37 | 18.30 | 0.23 | 6.1 | 0.043 | 3.03 | 56.1 | 23.6 | 0.24 | 532 | 2.42 | 2.74 | 13.3 | 2.7 |
| J598306 | | 31.9 | 2.24 | 18.30 | 0.20 | 6.4 | 0.040 | 3.21 | 53.7 | 23.4 | 0.26 | 504 | 2.75 | 2.67 | 13.2 | 3.2 |
| J598307 | | 43.0 | 2.55 | 18.05 | 0.20 | 6.3 | 0.050 | 3.10 | 55.0 | 23.3 | 0.26 | 498 | 1.45 | 2.74 | 13.3 | 3.0 |
| J598308 | | 62.8 | 2.82 | 18.00 | 0.22 | 6.2 | 0.050 | 2.72 | 51.1 | 20.6 | 0.27 | 476 | 1.31 | 2.64 | 13.1 | 3.1 |
| J598309 | | 65.7 | 2.47 | 18.95 | 0.22 | 6.3 | 0.059 | 2.79 | 53.4 | 26.7 | 0.28 | 468 | 1.99 | 2.95 | 13.5 | 2.6 |
| J598310 | | 47.3 | 2.11 | 18.55 | 0.25 | 6.8 | 0.046 | 3.06 | 59.2 | 22.4 | 0.27 | 422 | 4.62 | 2.83 | 13.2 | 3.1 |
| J598311 | | 16.3 | 1.88 | 18.60 | 0.21 | 6.3 | 0.041 | 3.05 | 60.7 | 21.4 | 0.25 | 401 | 4.15 | 2.77 | 13.8 | 2.5 |
| J598312 | | 11.3 | 2.17 | 19.25 | 0.23 | 6.4 | 0.040 | 3.24 | 56.1 | 22.7 | 0.27 | 440 | 1.98 | 2.88 | 14.2 | 3.2 |
| J598313 | | 8.1 | 2.11 | 18.15 | 0.22 | 6.3 | 0.042 | 2.87 | 54.6 | 23.9 | 0.25 | 446 | 2.46 | 2.88 | 13.0 | 2.9 |
| J598314 | | 10.0 | 1.96 | 18.90 | 0.22 | 6.5 | 0.042 | 3.15 | 53.2 | 24.9 | 0.25 | 420 | 2.30 | 2.92 | 13.0 | 3.3 |
| J598315 | | 18.5 | 1.94 | 18.20 | 0.22 | 6.5 | 0.041 | 3.08 | 55.0 | 24.4 | 0.26 | 408 | 1.79 | 2.88 | 13.3 | 2.6 |
| J598316 | | 12.0 | 1.96 | 19.10 | 0.21 | 6.6 | 0.038 | 3.09 | 55.2 | 23.4 | 0.25 | 420 | 2.31 | 2.91 | 14.6 | 3.3 |
| J598317 | | 40.4 | 2.09 | 17.00 | 0.19 | 6.5 | 0.035 | 3.36 | 46.2 | 16.4 | 0.26 | 423 | 2.33 | 2.86 | 13.6 | 2.5 |
| J598318 | | 147.5 | 2.40 | 15.95 | 0.22 | 6.2 | 0.036 | 2.99 | 46.5 | 15.4 | 0.24 | 348 | 1.98 | 2.58 | 11.1 | 3.0 |
| J598319 | | 117.0 | 2.25 | 16.85 | 0.21 | 6.0 | 0.031 | 3.38 | 50.1 | 17.3 | 0.26 | 428 | 7.82 | 2.60 | 13.0 | 2.6 |
| J598320 | | 31.2 | 2.43 | 16.55 | 0.23 | 6.6 | 0.027 | 3.30 | 51.7 | 23.3 | 0.25 | 432 | 2.87 | 2.60 | 13.0 | 3.0 |
| J598321 | | 262 | 4.25 | 17.75 | 0.26 | 6.5 | 0.042 | 3.03 | 49.5 | 22.5 | 0.29 | 510 | 2.06 | 2.44 | 12.3 | 2.6 |
| J598322 | | 33.6 | 2.75 | 17.15 | 0.24 | 6.3 | 0.029 | 3.63 | 52.1 | 22.8 | 0.24 | 457 | 4.17 | 2.55 | 12.5 | 3.1 |
| J598323 | | 71.2 | 3.18 | 16.05 | 0.22 | 6.5 | 0.031 | 3.16 | 49.3 | 20.0 | 0.24 | 508 | 36.1 | 2.45 | 11.8 | 2.7 |
| J598324 | | 48.1 | 2.40 | 17.00 | 0.24 | 6.7 | 0.026 | 3.27 | 51.5 | 18.5 | 0.25 | 432 | 2.97 | 2.70 | 13.4 | 3.3 |
| J598325 | | 5.2 | 1.58 | 13.55 | 0.15 | 1.2 | 0.013 | 2.39 | 14.2 | 10.1 | 0.20 | 582 | 0.99 | 2.92 | 4.5 | 2.5 |
| J598326 | | 185.0 | 2.85 | 17.45 | 0.24 | 7.0 | 0.050 | 3.14 | 63.8 | 20.9 | 0.30 | 489 | 3.05 | 2.85 | 13.4 | 3.4 |
| J598327 | | 108.0 | 2.67 | 17.80 | 0.24 | 6.7 | 0.043 | 3.12 | 52.5 | 21.2 | 0.29 | 508 | 2.52 | 2.97 | 13.9 | 3.7 |
| J598328 | | 45.2 | 2.07 | 17.35 | 0.22 | 6.1 | 0.036 | 3.24 | 45.6 | 20.8 | 0.26 | 419 | 1.25 | 2.83 | 12.5 | 2.9 |
| J598329 | | 33.6 | 2.44 | 17.60 | 0.26 | 6.9 | 0.029 | 3.39 | 53.8 | 21.6 | 0.26 | 439 | 2.16 | 2.77 | 13.6 | 3.5 |
| J598330 | | 82.5 | 2.52 | 17.15 | 0.23 | 6.6 | 0.024 | 3.23 | 52.6 | 22.9 | 0.24 | 477 | 2.00 | 2.71 | 13.4 | 3.0 |
| J598331 | | 190.5 | 2.88 | 17.45 | 0.23 | 7.8 | 0.050 | 3.98 | 51.5 | 26.4 | 0.25 | 511 | 49.2 | 2.64 | 14.1 | 3.2 |
| J598332 | | 16.9 | 2.27 | 17.00 | 0.24 | 6.7 | 0.034 | 3.28 | 50.3 | 22.1 | 0.25 | 498 | 2.04 | 2.94 | 13.2 | 2.9 |
| J598333 | | 11.1 | 2.09 | 17.60 | 0.23 | 6.4 | 0.040 | 3.29 | 49.6 | 23.5 | 0.25 | 454 | 2.88 | 2.89 | 13.3 | 3.4 |
| J598334 | | 26.0 | 2.29 | 17.65 | 0.24 | 6.7 | 0.042 | 3.57 | 51.4 | 25.7 | 0.25 | 448 | 4.20 | 2.67 | 13.8 | 3.1 |
| J598335 | | 1870 | 3.25 | 17.60 | 0.26 | 7.0 | 0.360 | 4.66 | 51.3 | 25.6 | 0.28 | 492 | 6.80 | 2.34 | 14.5 | 3.6 |
| J598336 | | 1510 | 3.53 | 17.85 | 0.26 | 6.7 | 0.446 | 4.72 | 50.1 | 23.3 | 0.26 | 467 | 12.35 | 2.32 | 14.1 | 2.7 |
| J598337 | | >10000 | 10.70 | 19.75 | 0.26 | 5.9 | 7.57 | 5.35 | 21.5 | 20.5 | 0.29 | 523 | 18.90 | 1.36 | 11.4 | 6.9 |
| J598338 | | 6190 | 14.65 | 29.6 | 0.28 | 9.5 | 1.360 | 4.29 | 33.8 | 40.0 | 0.47 | 741 | 19.85 | 1.76 | 15.8 | 11.2 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| 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 | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl |
| | Units | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm |
| | LOR | 10 | 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 |
| J598299 | | 270 | 11.7 | 121.5 | <0.002 | <0.01 | 0.45 | 7.6 | 1 | 2.5 | 132.0 | 1.07 | <0.05 | 15.9 | 0.181 | 0.75 |
| J598300 | | 730 | 88.5 | 223 | <0.002 | 3.42 | 1.10 | 4.2 | 1 | 1.0 | 188.0 | 0.81 | <0.05 | 2.8 | 0.273 | 1.97 |
| J598301 | | 340 | 13.4 | 123.0 | <0.002 | 0.03 | 0.37 | 7.5 | 1 | 2.5 | 140.0 | 1.18 | <0.05 | 16.8 | 0.211 | 0.93 |
| J598302 | | 320 | 10.8 | 129.5 | <0.002 | 0.13 | 0.47 | 8.6 | 1 | 2.9 | 115.5 | 1.01 | <0.05 | 14.3 | 0.198 | 0.98 |
| J598303 | | 260 | 14.4 | 123.5 | 0.002 | 0.10 | 0.51 | 7.6 | 1 | 3.1 | 130.0 | 1.08 | <0.05 | 15.5 | 0.173 | 0.90 |
| J598304 | | 280 | 12.2 | 134.5 | <0.002 | 0.10 | 0.44 | 8.2 | 1 | 4.3 | 105.0 | 1.27 | <0.05 | 16.3 | 0.189 | 0.99 |
| J598305 | | 310 | 9.6 | 138.0 | <0.002 | 0.02 | 0.39 | 8.4 | 1 | 3.8 | 122.0 | 1.05 | <0.05 | 14.7 | 0.200 | 0.97 |
| J598306 | | 330 | 11.9 | 137.5 | <0.002 | 0.02 | 0.48 | 8.6 | 1 | 3.1 | 143.0 | 1.11 | <0.05 | 15.2 | 0.204 | 1.03 |
| J598307 | | 330 | 11.1 | 142.5 | <0.002 | 0.03 | 0.40 | 8.7 | 1 | 3.9 | 113.5 | 1.08 | <0.05 | 15.2 | 0.204 | 1.03 |
| J598308 | | 310 | 21.4 | 138.0 | 0.002 | 0.09 | 0.47 | 8.5 | 1 | 4.4 | 113.0 | 1.09 | <0.05 | 14.5 | 0.196 | 1.00 |
| J598309 | | 340 | 11.1 | 134.0 | <0.002 | 0.03 | 0.45 | 8.9 | 1 | 3.9 | 137.0 | 1.14 | <0.05 | 15.3 | 0.210 | 1.01 |
| J598310 | | 340 | 14.5 | 132.5 | <0.002 | 0.03 | 0.56 | 8.7 | 1 | 3.0 | 155.5 | 1.08 | <0.05 | 14.8 | 0.206 | 0.92 |
| J598311 | | 320 | 14.6 | 143.0 | <0.002 | 0.01 | 0.34 | 8.3 | 1 | 2.8 | 132.5 | 1.29 | <0.05 | 18.2 | 0.200 | 0.86 |
| J598312 | | 340 | 12.2 | 144.5 | <0.002 | <0.01 | 0.39 | 9.4 | 1 | 2.8 | 152.0 | 1.22 | <0.05 | 16.4 | 0.218 | 0.97 |
| J598313 | | 310 | 10.9 | 132.0 | <0.002 | <0.01 | 0.41 | 8.4 | 1 | 3.7 | 130.0 | 1.03 | 0.13 | 14.6 | 0.202 | 0.90 |
| J598314 | | 310 | 12.0 | 136.0 | 0.002 | <0.01 | 0.51 | 8.5 | 1 | 3.3 | 149.0 | 1.07 | 0.10 | 14.6 | 0.202 | 0.87 |
| J598315 | | 330 | 12.8 | 137.5 | 0.002 | 0.01 | 0.56 | 8.7 | 1 | 3.0 | 149.5 | 1.09 | <0.05 | 14.1 | 0.209 | 0.93 |
| J598316 | | 320 | 13.7 | 140.5 | 0.002 | 0.02 | 0.57 | 8.6 | 1 | 2.6 | 145.0 | 1.32 | <0.05 | 16.9 | 0.199 | 0.86 |
| J598317 | | 300 | 10.6 | 130.5 | <0.002 | 0.18 | 0.50 | 7.5 | 2 | 2.7 | 156.5 | 1.25 | <0.05 | 17.1 | 0.205 | 0.87 |
| J598318 | | 280 | 10.0 | 110.5 | <0.002 | 0.68 | 0.55 | 7.3 | 2 | 2.6 | 105.5 | 0.99 | <0.05 | 16.0 | 0.169 | 0.68 |
| J598319 | | 300 | 10.2 | 138.0 | <0.002 | 0.24 | 0.50 | 7.4 | 2 | 3.1 | 151.0 | 1.18 | <0.05 | 16.4 | 0.195 | 0.98 |
| J598320 | | 310 | 9.2 | 145.0 | <0.002 | 0.03 | 0.47 | 7.8 | 2 | 3.5 | 142.0 | 1.16 | <0.05 | 16.3 | 0.201 | 1.11 |
| J598321 | | 300 | 10.3 | 161.0 | <0.002 | 0.29 | 0.44 | 7.7 | 2 | 5.5 | 123.0 | 1.02 | <0.05 | 14.4 | 0.200 | 1.28 |
| J598322 | | 310 | 8.4 | 158.0 | <0.002 | 0.01 | 0.54 | 7.6 | 2 | 3.5 | 142.5 | 1.08 | <0.05 | 14.9 | 0.206 | 1.25 |
| J598323 | | 290 | 9.3 | 146.5 | 0.002 | 0.05 | 0.47 | 7.2 | 2 | 3.5 | 121.0 | 1.08 | <0.05 | 14.4 | 0.189 | 1.21 |
| J598324 | | 310 | 10.1 | 133.0 | <0.002 | 0.01 | 0.61 | 7.7 | 2 | 2.7 | 161.5 | 1.26 | <0.05 | 17.3 | 0.206 | 1.02 |
| J598325 | | 180 | 12.3 | 62.4 | <0.002 | <0.01 | 0.26 | 5.7 | 2 | 1.7 | 182.5 | 0.47 | <0.05 | 6.8 | 0.115 | 0.43 |
| J598326 | | 350 | 11.8 | 132.5 | <0.002 | 0.03 | 0.52 | 8.5 | 2 | 3.0 | 160.5 | 1.25 | <0.05 | 17.2 | 0.227 | 1.06 |
| J598327 | | 350 | 10.2 | 137.0 | <0.002 | 0.02 | 0.62 | 8.1 | 2 | 3.3 | 160.0 | 1.22 | <0.05 | 16.0 | 0.223 | 1.06 |
| J598328 | | 300 | 12.0 | 130.5 | <0.002 | 0.01 | 0.57 | 7.9 | 2 | 2.8 | 157.5 | 1.07 | <0.05 | 14.9 | 0.197 | 1.00 |
| J598329 | | 320 | 10.2 | 147.5 | <0.002 | 0.01 | 0.57 | 7.7 | 2 | 3.1 | 150.5 | 1.32 | <0.05 | 17.6 | 0.204 | 1.13 |
| J598330 | | 300 | 9.2 | 154.0 | <0.002 | 0.03 | 0.46 | 7.8 | 2 | 2.8 | 104.5 | 1.26 | <0.05 | 17.1 | 0.198 | 1.18 |
| J598331 | | 330 | 10.2 | 186.5 | 0.002 | 0.05 | 0.46 | 7.6 | 2 | 3.1 | 136.5 | 1.35 | <0.05 | 18.1 | 0.211 | 1.36 |
| J598332 | | 310 | 11.1 | 138.5 | <0.002 | 0.01 | 0.53 | 7.9 | 2 | 2.6 | 146.0 | 1.23 | <0.05 | 18.3 | 0.203 | 1.05 |
| J598333 | | 310 | 10.8 | 144.0 | <0.002 | 0.01 | 0.59 | 7.9 | 2 | 3.4 | 137.0 | 1.16 | <0.05 | 15.5 | 0.201 | 1.03 |
| J598334 | | 300 | 9.2 | 163.5 | <0.002 | 0.01 | 0.50 | 7.9 | 2 | 2.9 | 128.0 | 1.20 | <0.05 | 16.5 | 0.203 | 1.08 |
| J598335 | | 330 | 10.4 | 206 | <0.002 | 0.32 | 0.55 | 7.8 | 2 | 3.9 | 134.0 | 1.28 | <0.05 | 16.5 | 0.216 | 1.31 |
| J598336 | | 320 | 11.0 | 208 | <0.002 | 0.23 | 0.42 | 7.4 | 2 | 5.2 | 113.5 | 1.22 | <0.05 | 17.2 | 0.206 | 1.36 |
| J598337 | | 270 | 16.6 | 182.5 | <0.002 | 4.03 | 0.70 | 7.3 | 4 | 9.9 | 118.0 | 1.03 | 0.45 | 14.8 | 0.174 | 1.77 |
| J598338 | | 300 | 10.9 | 254 | 0.002 | 3.39 | 0.52 | 10.3 | 4 | 13.4 | 82.5 | 1.65 | 0.21 | 18.0 | 0.244 | 1.72 |

***** 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: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 U ppm 0.1 | 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 | Cu-OG62 Cu % 0.001 |
|---|---|---|---|---|---|---|---|---|
| J598299 | | 3.7 | 14 | 0.8 | 24.9 | 32 | 242 | |
| J598300 | | 1.0 | 35 | 0.2 | 5.5 | 44 | 56.3 | |
| J598301 | | 3.8 | 18 | 0.9 | 25.4 | 41 | 225 | |
| J598302 | | 3.4 | 17 | 1.5 | 26.7 | 35 | 242 | |
| J598303 | | 3.7 | 13 | 1.2 | 24.0 | 30 | 215 | |
| J598304 | | 4.0 | 14 | 1.6 | 25.7 | 34 | 202 | |
| J598305 | | 3.5 | 15 | 1.2 | 26.8 | 49 | 246 | |
| J598306 | | 3.7 | 16 | 1.1 | 26.2 | 35 | 247 | |
| J598307 | | 3.7 | 17 | 1.4 | 26.2 | 38 | 244 | |
| J598308 | | 3.7 | 17 | 1.6 | 25.7 | 55 | 233 | |
| J598309 | | 3.6 | 17 | 1.1 | 26.3 | 50 | 243 | |
| J598310 | | 3.4 | 16 | 1.3 | 27.0 | 38 | 268 | |
| J598311 | | 4.3 | 15 | 1.6 | 28.6 | 39 | 227 | |
| J598312 | | 3.8 | 17 | 1.5 | 27.3 | 40 | 244 | |
| J598313 | | 3.3 | 15 | 1.9 | 25.7 | 43 | 245 | |
| J598314 | | 3.5 | 16 | 2.1 | 26.5 | 42 | 252 | |
| J598315 | | 3.5 | 16 | 1.6 | 26.1 | 48 | 246 | |
| J598316 | | 4.3 | 16 | 1.7 | 29.8 | 42 | 253 | |
| J598317 | | 4.1 | 16 | 3.9 | 23.8 | 34 | 221 | |
| J598318 | | 3.9 | 15 | 17.6 | 20.1 | 26 | 216 | |
| J598319 | | 3.8 | 15 | 6.1 | 23.4 | 36 | 215 | |
| J598320 | | 4.1 | 15 | 2.1 | 24.1 | 39 | 240 | |
| J598321 | | 3.4 | 16 | 6.5 | 22.5 | 53 | 232 | |
| J598322 | | 3.5 | 15 | 2.2 | 23.8 | 35 | 221 | |
| J598323 | | 3.5 | 14 | 2.5 | 22.6 | 37 | 221 | |
| J598324 | | 4.5 | 16 | 1.7 | 26.4 | 33 | 232 | |
| J598325 | | 2.2 | 15 | 1.0 | 17.5 | 43 | 26.0 | |
| J598326 | | 4.2 | 18 | 2.2 | 27.3 | 39 | 237 | |
| J598327 | | 3.9 | 15 | 14.6 | 26.7 | 37 | 237 | |
| J598328 | | 3.7 | 15 | 1.3 | 24.0 | 33 | 211 | |
| J598329 | | 4.5 | 16 | 2.3 | 26.9 | 29 | 236 | |
| J598330 | | 4.3 | 15 | 6.9 | 25.6 | 30 | 221 | |
| J598331 | | 4.7 | 17 | 6.6 | 27.4 | 54 | 264 | |
| J598332 | | 4.5 | 16 | 10.9 | 24.6 | 35 | 227 | |
| J598333 | | 3.8 | 16 | 5.4 | 24.2 | 34 | 228 | |
| J598334 | | 4.1 | 16 | 9.6 | 25.2 | 32 | 238 | |
| J598335 | | 4.1 | 17 | 7.0 | 30.1 | 66 | 255 | |
| J598336 | | 4.4 | 14 | 4.3 | 30.7 | 66 | 236 | |
| J598337 | | 3.3 | 13 | 4.0 | 30.9 | 590 | 203 | 3.19 |
| J598338 | | 6.6 | 16 | 51.6 | 47.1 | 150 | 325 | |

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

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2103 Dollarton Hwy
North Vancouver BC V7H 0A7
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To: **RAINY RIVER RESOURCES LTD.**
**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | WEI-21 Recvd Wt. kg 0.02 | Au-AA23 Au g/t 0.005 | Au-GRA21 Au g/t 0.05 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598339 | | 0.72 | 0.635 | | 5.12 | 7.96 | 19.8 | 610 | 1.33 | 13.65 | 0.81 | 0.69 | 73.9 | 51.3 | 6 | 5.75 |
| J598340 | | 1.98 | 0.021 | | 0.23 | 6.87 | 14.6 | 1060 | 1.38 | 0.60 | 1.19 | 0.05 | 105.0 | 4.2 | 9 | 2.92 |
| J598341 | | 2.24 | 0.024 | | 0.58 | 6.88 | 17.7 | 910 | 1.71 | 0.16 | 1.15 | 0.12 | 104.5 | 3.8 | 9 | 3.16 |
| J598342 | | 1.97 | <0.005 | | 0.10 | 6.77 | 30.2 | 960 | 1.67 | 0.10 | 1.20 | 0.04 | 102.5 | 4.1 | 10 | 2.67 |
| J598343 | | 2.22 | <0.005 | | 0.10 | 6.86 | 20.7 | 1060 | 1.65 | 0.22 | 1.16 | 0.09 | 106.0 | 3.9 | 10 | 2.86 |
| J598344 | | 2.06 | 0.010 | | 0.09 | 6.96 | 13.2 | 920 | 1.76 | 0.08 | 1.24 | 0.04 | 101.0 | 3.4 | 7 | 3.76 |
| J598345 | | 2.12 | 0.016 | | 0.29 | 7.06 | 20.8 | 910 | 2.06 | 0.14 | 1.21 | 0.06 | 108.5 | 4.1 | 10 | 3.64 |
| J598346 | | 2.00 | 0.267 | | 0.46 | 6.82 | 58.6 | 870 | 1.84 | 0.38 | 1.06 | 0.10 | 107.0 | 6.1 | 8 | 2.91 |
| J598347 | | 2.18 | <0.005 | | 0.09 | 6.61 | 37.5 | 850 | 1.80 | 0.19 | 1.22 | 0.08 | 99.8 | 4.0 | 9 | 2.94 |
| J598348 | | 1.96 | <0.005 | | 0.10 | 6.92 | 26.0 | 920 | 1.86 | 0.12 | 1.22 | 0.05 | 106.5 | 3.4 | 9 | 3.25 |
| J598349 | | 0.85 | <0.005 | | 0.11 | 6.84 | 25.2 | 930 | 1.76 | 0.12 | 1.48 | 0.04 | 103.5 | 3.6 | 11 | 3.36 |
| J598350 | | 0.85 | <0.005 | | 0.10 | 6.94 | 23.8 | 950 | 1.74 | 0.12 | 1.21 | 0.04 | 105.5 | 4.2 | 7 | 3.34 |
| J598351 | | 1.86 | <0.005 | | 0.10 | 6.88 | 15.6 | 1060 | 1.86 | 0.14 | 1.08 | 0.09 | 104.0 | 5.1 | 9 | 3.47 |
| J598352 | | 1.88 | <0.005 | | 0.09 | 7.06 | 25.8 | 1080 | 1.92 | 0.19 | 1.21 | 0.10 | 104.5 | 5.3 | 9 | 3.55 |
| J598353 | | 1.95 | <0.005 | | 0.08 | 6.84 | 19.2 | 970 | 1.82 | 0.17 | 1.07 | 0.12 | 99.5 | 4.2 | 9 | 3.43 |
| J598354 | | 1.92 | <0.005 | | 0.02 | 6.90 | 8.1 | 1000 | 1.55 | 0.10 | 1.13 | 0.07 | 99.6 | 3.1 | 6 | 3.40 |
| J598355 | | 1.80 | <0.005 | | 0.04 | 6.85 | 5.0 | 990 | 1.52 | 0.07 | 1.10 | 0.09 | 112.5 | 3.6 | 10 | 3.43 |
| J598356 | | 1.93 | 0.028 | | 0.06 | 6.70 | 12.8 | 970 | 1.51 | 0.37 | 1.05 | 0.06 | 100.0 | 3.6 | 6 | 3.38 |
| J598357 | | 1.83 | <0.005 | | 0.04 | 6.75 | 11.5 | 950 | 1.50 | 0.09 | 1.08 | 0.06 | 111.5 | 4.5 | 7 | 3.25 |
| J598358 | | 1.89 | <0.005 | | 0.03 | 6.83 | 23.4 | 940 | 1.44 | 0.10 | 1.06 | 0.06 | 124.5 | 3.7 | 6 | 3.24 |
| J598359 | | 1.84 | <0.005 | | 0.01 | 6.73 | 10.7 | 1000 | 1.45 | 0.09 | 1.07 | 0.05 | 97.7 | 3.8 | 9 | 3.14 |
| J598360 | | 1.86 | <0.005 | | 0.05 | 6.79 | 8.6 | 930 | 1.82 | 0.10 | 1.10 | 0.07 | 110.0 | 3.3 | 9 | 3.37 |
| J598361 | | 1.76 | <0.005 | | 0.02 | 6.71 | 7.2 | 940 | 1.62 | 0.09 | 1.07 | 0.09 | 102.5 | 2.9 | 7 | 3.22 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Cu ppm 0.2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598339 | | 2820 | 12.70 | 30.3 | 0.29 | 8.2 | 1.890 | 4.87 | 34.7 | 46.6 | 0.56 | 719 | 11.50 | 1.76 | 16.9 | 13.2 |
| J598340 | | 104.5 | 2.47 | 17.10 | 0.23 | 6.5 | 0.121 | 3.54 | 50.1 | 23.5 | 0.25 | 506 | 2.86 | 2.59 | 13.3 | 3.0 |
| J598341 | | 307 | 2.20 | 16.65 | 0.22 | 6.2 | 0.096 | 3.29 | 50.7 | 19.0 | 0.25 | 379 | 3.13 | 2.87 | 13.0 | 3.2 |
| J598342 | | 47.9 | 2.32 | 16.60 | 0.23 | 6.5 | 0.036 | 3.29 | 49.0 | 19.2 | 0.26 | 431 | 2.54 | 2.76 | 12.6 | 3.3 |
| J598343 | | 51.3 | 2.26 | 16.55 | 0.22 | 6.7 | 0.041 | 3.30 | 51.1 | 20.2 | 0.25 | 413 | 2.37 | 2.80 | 12.4 | 3.4 |
| J598344 | | 27.5 | 1.96 | 17.60 | 0.24 | 6.4 | 0.038 | 3.15 | 47.1 | 20.8 | 0.26 | 379 | 2.85 | 3.01 | 13.3 | 2.8 |
| J598345 | | 82.3 | 2.20 | 17.80 | 0.24 | 6.3 | 0.048 | 3.24 | 51.2 | 19.5 | 0.27 | 404 | 2.02 | 3.07 | 13.9 | 3.8 |
| J598346 | | 216 | 2.38 | 16.00 | 0.23 | 6.4 | 0.077 | 3.16 | 51.0 | 17.8 | 0.26 | 364 | 1.88 | 2.97 | 13.2 | 2.5 |
| J598347 | | 27.9 | 2.09 | 17.05 | 0.23 | 6.1 | 0.032 | 3.11 | 47.9 | 18.5 | 0.25 | 383 | 2.46 | 2.95 | 13.2 | 3.3 |
| J598348 | | 12.6 | 1.99 | 17.05 | 0.24 | 6.2 | 0.032 | 3.17 | 49.3 | 19.6 | 0.26 | 362 | 2.79 | 3.07 | 13.3 | 2.9 |
| J598349 | | 8.9 | 2.13 | 16.85 | 0.24 | 6.5 | 0.031 | 3.17 | 49.0 | 19.7 | 0.27 | 395 | 2.17 | 2.95 | 12.1 | 3.2 |
| J598350 | | 7.8 | 2.29 | 17.35 | 0.25 | 6.4 | 0.030 | 3.23 | 50.5 | 20.1 | 0.27 | 384 | 2.22 | 3.01 | 12.5 | 3.2 |
| J598351 | | 25.2 | 2.31 | 16.65 | 0.25 | 6.7 | 0.030 | 3.43 | 50.0 | 19.4 | 0.27 | 357 | 2.09 | 2.91 | 13.0 | 4.0 |
| J598352 | | 22.3 | 2.13 | 17.45 | 0.24 | 6.1 | 0.037 | 3.38 | 49.4 | 18.9 | 0.28 | 359 | 3.40 | 3.08 | 13.0 | 3.1 |
| J598353 | | 16.4 | 2.02 | 17.20 | 0.14 | 6.8 | 0.029 | 3.14 | 48.7 | 20.2 | 0.26 | 384 | 1.89 | 2.98 | 14.0 | 3.2 |
| J598354 | | 8.8 | 1.83 | 17.10 | 0.14 | 6.1 | 0.030 | 3.06 | 45.3 | 19.4 | 0.27 | 369 | 3.61 | 2.91 | 12.6 | 2.4 |
| J598355 | | 9.4 | 2.03 | 17.70 | 0.17 | 6.3 | 0.042 | 3.01 | 55.7 | 19.4 | 0.26 | 387 | 3.67 | 2.89 | 12.9 | 3.2 |
| J598356 | | 17.2 | 1.83 | 16.50 | 0.18 | 5.4 | 0.030 | 2.99 | 47.3 | 18.8 | 0.25 | 352 | 2.39 | 2.88 | 12.4 | 2.5 |
| J598357 | | 9.3 | 1.98 | 17.50 | 0.17 | 6.2 | 0.034 | 2.95 | 52.2 | 18.6 | 0.25 | 368 | 2.95 | 3.01 | 12.8 | 3.4 |
| J598358 | | 8.7 | 1.95 | 17.80 | 0.22 | 5.8 | 0.038 | 2.85 | 57.5 | 21.0 | 0.26 | 379 | 2.10 | 3.05 | 12.7 | 2.9 |
| J598359 | | 13.1 | 1.94 | 16.20 | 0.14 | 5.7 | 0.027 | 3.05 | 49.7 | 17.0 | 0.23 | 348 | 2.28 | 2.84 | 11.0 | 3.1 |
| J598360 | | 11.0 | 2.09 | 17.85 | 0.15 | 6.5 | 0.033 | 2.96 | 51.0 | 17.9 | 0.24 | 393 | 2.56 | 2.89 | 13.2 | 3.0 |
| J598361 | | 7.2 | 1.83 | 17.15 | 0.15 | 5.7 | 0.033 | 2.93 | 50.8 | 16.7 | 0.24 | 386 | 2.20 | 2.91 | 12.7 | 3.0 |

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

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North Vancouver BC V7H 0A7
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**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| 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 | P | Pb | Rb | Re | S | Sb | Sc | Se | Sn | Sr | Ta | Te | Th | Ti | Tl |
| | Units | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm |
| | LOR | 10 | 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 |
| J598339 | | 300 | 10.8 | 259 | 0.002 | 3.05 | 0.55 | 10.8 | 3 | 14.5 | 72.9 | 1.51 | 0.14 | 19.1 | 0.228 | 1.60 |
| J598340 | | 300 | 9.1 | 160.5 | <0.002 | 0.05 | 0.45 | 7.6 | 2 | 2.8 | 112.0 | 1.26 | <0.05 | 17.2 | 0.195 | 1.03 |
| J598341 | | 300 | 12.4 | 136.0 | <0.002 | 0.05 | 0.60 | 7.4 | 2 | 2.6 | 137.5 | 1.22 | <0.05 | 16.2 | 0.197 | 0.89 |
| J598342 | | 310 | 10.4 | 130.0 | <0.002 | 0.08 | 0.51 | 7.6 | 2 | 2.6 | 138.5 | 1.12 | <0.05 | 16.0 | 0.200 | 0.85 |
| J598343 | | 290 | 12.7 | 132.0 | <0.002 | 0.04 | 0.59 | 7.3 | 2 | 2.8 | 121.0 | 1.15 | <0.05 | 16.2 | 0.195 | 0.84 |
| J598344 | | 310 | 13.7 | 132.5 | <0.002 | <0.01 | 0.46 | 7.9 | 2 | 2.6 | 139.5 | 1.23 | <0.05 | 14.8 | 0.206 | 0.75 |
| J598345 | | 310 | 12.6 | 141.0 | <0.002 | 0.01 | 0.76 | 7.9 | 2 | 2.6 | 135.5 | 1.33 | <0.05 | 17.8 | 0.203 | 0.78 |
| J598346 | | 310 | 10.7 | 132.0 | <0.002 | 0.08 | 1.08 | 7.4 | 2 | 2.9 | 139.0 | 1.18 | <0.05 | 15.7 | 0.199 | 0.76 |
| J598347 | | 300 | 12.1 | 131.5 | <0.002 | 0.04 | 0.89 | 7.4 | 2 | 2.6 | 131.0 | 1.16 | <0.05 | 15.7 | 0.197 | 0.78 |
| J598348 | | 310 | 12.6 | 130.5 | <0.002 | 0.01 | 0.92 | 7.8 | 2 | 2.4 | 143.0 | 1.24 | <0.05 | 15.9 | 0.204 | 0.79 |
| J598349 | | 310 | 12.6 | 128.5 | <0.002 | 0.03 | 0.96 | 7.6 | 2 | 2.4 | 139.5 | 1.06 | <0.05 | 14.5 | 0.197 | 0.81 |
| J598350 | | 320 | 12.9 | 133.5 | <0.002 | 0.01 | 0.89 | 7.8 | 2 | 2.4 | 143.5 | 1.04 | <0.05 | 15.8 | 0.205 | 0.81 |
| J598351 | | 320 | 12.6 | 137.5 | <0.002 | 0.04 | 0.66 | 7.5 | 2 | 2.7 | 139.5 | 1.22 | <0.05 | 15.9 | 0.210 | 0.84 |
| J598352 | | 330 | 14.8 | 137.5 | <0.002 | 0.03 | 0.79 | 7.9 | 2 | 3.1 | 150.5 | 1.18 | <0.05 | 17.0 | 0.210 | 0.94 |
| J598353 | | 330 | 18.2 | 156.5 | <0.002 | 0.03 | 0.92 | 6.9 | 1 | 2.9 | 138.0 | 1.46 | <0.05 | 20.0 | 0.210 | 0.82 |
| J598354 | | 330 | 13.8 | 144.0 | <0.002 | 0.01 | 0.61 | 6.9 | 1 | 2.3 | 137.0 | 1.11 | <0.05 | 16.9 | 0.208 | 0.74 |
| J598355 | | 340 | 14.5 | 150.0 | <0.002 | <0.01 | 0.45 | 7.3 | 2 | 2.6 | 138.5 | 1.17 | <0.05 | 17.4 | 0.212 | 0.70 |
| J598356 | | 330 | 15.4 | 145.0 | <0.002 | <0.01 | 0.63 | 6.7 | 1 | 2.4 | 132.5 | 1.09 | <0.05 | 15.9 | 0.203 | 0.74 |
| J598357 | | 330 | 14.5 | 142.0 | <0.002 | <0.01 | 0.61 | 7.2 | 1 | 2.3 | 132.0 | 1.13 | <0.05 | 16.6 | 0.203 | 0.68 |
| J598358 | | 350 | 12.0 | 138.5 | <0.002 | <0.01 | 1.02 | 7.9 | 1 | 2.6 | 124.5 | 1.01 | <0.05 | 16.4 | 0.220 | 0.76 |
| J598359 | | 320 | 15.5 | 132.5 | <0.002 | 0.01 | 0.66 | 6.5 | <1 | 2.3 | 145.5 | 1.02 | <0.05 | 15.8 | 0.192 | 0.78 |
| J598360 | | 320 | 17.2 | 144.5 | 0.002 | 0.01 | 0.66 | 7.3 | 2 | 2.6 | 138.0 | 1.22 | <0.05 | 18.0 | 0.199 | 0.77 |
| J598361 | | 310 | 18.0 | 142.5 | <0.002 | <0.01 | 0.73 | 6.7 | 1 | 2.3 | 131.0 | 1.19 | <0.05 | 17.5 | 0.199 | 0.76 |

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**Finalized Date: 15-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

| Sample Description | Method<br>Analyte<br>Units<br>LOR | ME-MS61<br>U<br>ppm<br>0.1 | 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 | Cu-OG62<br>Cu<br>%<br>0.001 |
|---|---|---|---|---|---|---|---|---|
| J598339 | | 7.8 | 18 | 45.4 | 31.8 | 108 | 289 | |
| J598340 | | 4.3 | 15 | 13.5 | 25.6 | 38 | 226 | |
| J598341 | | 4.0 | 15 | 1.7 | 25.4 | 41 | 217 | |
| J598342 | | 3.9 | 16 | 1.7 | 23.4 | 31 | 231 | |
| J598343 | | 3.9 | 15 | 1.8 | 23.1 | 40 | 225 | |
| J598344 | | 3.7 | 16 | 1.4 | 24.7 | 45 | 224 | |
| J598345 | | 4.1 | 16 | 3.1 | 27.9 | 38 | 212 | |
| J598346 | | 3.8 | 15 | 1.5 | 26.2 | 33 | 221 | |
| J598347 | | 3.8 | 15 | 1.2 | 25.5 | 36 | 226 | |
| J598348 | | 3.9 | 16 | 1.6 | 26.0 | 39 | 213 | |
| J598349 | | 3.7 | 15 | 1.4 | 25.2 | 35 | 229 | |
| J598350 | | 3.9 | 16 | 1.4 | 25.4 | 32 | 231 | |
| J598351 | | 4.1 | 16 | 1.2 | 25.7 | 34 | 226 | |
| J598352 | | 4.3 | 16 | 1.2 | 25.6 | 40 | 214 | |
| J598353 | | 4.8 | 16 | 1.0 | 31.1 | 39 | 249 | |
| J598354 | | 4.1 | 16 | 1.1 | 27.1 | 50 | 239 | |
| J598355 | | 3.9 | 17 | 0.9 | 28.4 | 39 | 230 | |
| J598356 | | 3.8 | 16 | 1.1 | 25.6 | 34 | 215 | |
| J598357 | | 3.9 | 16 | 1.2 | 26.8 | 38 | 238 | |
| J598358 | | 3.5 | 17 | 1.2 | 25.5 | 37 | 225 | |
| J598359 | | 3.5 | 15 | 1.1 | 23.9 | 34 | 207 | |
| J598360 | | 4.1 | 16 | 1.6 | 28.4 | 40 | 243 | |
| J598361 | | 4.1 | 15 | 2.5 | 27.6 | 54 | 217 | |

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**Finalized Date: 15-MAR-2012**
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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12044543

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