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: 29-FEB-2012**
**Account: RRRTPK**

# CERTIFICATE TB12031916

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 189 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 17-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 TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598680 | | 1.17 | <0.005 | 0.06 | 6.39 | 17.8 | 830 | 1.75 | 0.16 | 0.57 | 0.02 | 118.5 | 3.2 | 11 | 0.59 | 5.5 |
| J598681 | | 0.48 | <0.005 | <0.01 | 6.74 | 6.4 | 1080 | 1.67 | 0.09 | 0.34 | <0.02 | 108.5 | 1.6 | 9 | 0.32 | 8.6 |
| J598682 | | 0.97 | <0.005 | <0.01 | 6.15 | 5.0 | 1020 | 1.85 | 0.07 | 0.21 | 0.03 | 119.0 | 2.3 | 10 | 0.39 | 2.5 |
| J598683 | | 1.16 | <0.005 | <0.01 | 6.06 | 7.1 | 980 | 1.97 | 0.13 | 0.21 | 0.02 | 120.5 | 4.3 | 11 | 0.41 | 3.9 |
| J598684 | | 1.10 | <0.005 | <0.01 | 6.11 | 9.2 | 1220 | 1.87 | 0.04 | 0.15 | 0.02 | 127.0 | 1.7 | 10 | 0.51 | 10.9 |
| J598685 | | 1.17 | <0.005 | 0.07 | 7.31 | 11.7 | 1170 | 1.99 | 0.17 | 1.03 | 0.06 | 152.5 | 12.9 | 7 | 1.59 | 6.7 |
| J598686 | | 1.86 | 0.069 | 0.02 | 6.60 | 7.7 | 770 | 1.80 | 0.12 | 0.73 | 0.04 | 129.5 | 7.0 | 15 | 0.64 | 11.6 |
| J598687 | | 1.35 | <0.005 | 0.15 | 9.20 | 16.3 | 1600 | 3.37 | 0.24 | 2.29 | 0.08 | 155.0 | 24.1 | 5 | 4.56 | 2.8 |
| J598688 | | 1.67 | <0.005 | 0.10 | 9.25 | 15.1 | 1310 | 3.01 | 0.16 | 2.71 | 0.09 | 145.5 | 23.1 | 5 | 3.39 | 2.3 |
| J598689 | | 1.07 | <0.005 | 0.13 | 8.68 | 14.3 | 1160 | 2.37 | 0.17 | 2.59 | 0.09 | 142.5 | 21.3 | 6 | 3.02 | 1.7 |
| J598690 | | 1.50 | <0.005 | 0.02 | 6.56 | 19.6 | 610 | 1.70 | 0.08 | 0.45 | 0.04 | 127.5 | 6.3 | 8 | 0.56 | 9.6 |
| J598691 | | 1.28 | <0.005 | 0.13 | 8.80 | 14.6 | 1370 | 2.84 | 0.09 | 2.43 | 0.05 | 155.5 | 18.7 | 4 | 3.35 | 14.6 |
| J598692 | | 1.34 | 0.019 | 0.12 | 8.35 | 16.6 | 1150 | 2.45 | 0.08 | 1.83 | 0.03 | 141.0 | 14.2 | 5 | 3.23 | 33.5 |
| J598693 | | 1.29 | <0.005 | 0.09 | 7.91 | 14.9 | 1020 | 1.86 | 0.07 | 2.60 | 0.05 | 166.0 | 18.0 | 6 | 2.35 | 13.7 |
| J598694 | | 3.68 | <0.005 | 0.14 | 7.17 | 21.4 | 500 | 1.78 | 0.13 | 2.40 | 0.07 | 96.5 | 26.0 | 7 | 2.99 | 9.7 |
| J598695 | | 0.96 | 0.010 | 0.06 | 5.78 | 14.6 | 580 | 1.64 | 0.09 | 0.73 | 0.05 | 90.1 | 4.3 | 6 | 0.74 | 15.7 |
| J598696 | | 0.74 | <0.005 | 0.07 | 7.43 | 11.9 | 770 | 2.54 | 0.04 | 1.40 | 0.02 | 87.3 | 7.8 | 9 | 2.59 | 11.9 |
| J598697 | | 0.43 | <0.005 | 0.06 | 6.28 | 30.5 | 590 | 2.00 | 0.12 | 0.69 | 0.06 | 114.5 | 5.0 | 6 | 1.08 | 12.2 |
| J598698 | | 1.28 | 0.013 | 0.15 | 6.03 | 13.5 | 700 | 1.97 | 0.07 | 0.77 | 0.03 | 114.5 | 16.6 | 9 | 1.86 | 50.8 |
| J598699 | | 0.47 | <0.005 | 0.08 | 6.23 | 30.3 | 250 | 1.87 | 0.04 | 0.36 | 0.03 | 117.0 | 3.0 | 9 | 0.29 | 12.3 |
| J598700 | | 0.02 | 1.350 | 0.84 | 8.42 | 3.4 | 90 | 2.25 | 0.59 | 0.90 | 0.14 | 16.80 | 9.5 | 27 | 20.9 | 12.2 |
| J598701 | | 1.44 | <0.005 | 0.38 | 3.29 | 27.0 | 430 | 0.55 | 0.07 | 2.23 | 0.03 | 58.8 | 56.6 | 2 | 5.77 | 51.2 |
| J598702 | | 1.08 | 0.006 | 0.11 | 6.20 | 35.0 | 710 | 1.72 | 0.13 | 0.47 | 0.03 | 106.0 | 5.7 | 6 | 0.70 | 14.1 |
| J598703 | | 0.60 | <0.005 | 0.10 | 7.58 | 26.7 | 540 | 2.26 | 0.07 | 1.09 | 0.05 | 154.0 | 6.7 | 7 | 1.51 | 19.8 |
| J598704 | | 0.79 | <0.005 | 0.07 | 7.46 | 26.0 | 170 | 0.72 | 0.11 | 2.71 | 0.13 | 106.5 | 14.1 | 5 | 1.33 | 13.3 |
| J598705 | | 1.34 | <0.005 | 0.14 | 7.84 | 16.6 | 180 | 0.36 | 0.23 | 7.01 | 0.08 | 136.5 | 32.3 | 2 | 1.50 | 29.8 |
| J598706 | | 0.69 | <0.005 | 0.04 | 7.24 | 13.2 | 230 | 1.41 | 0.10 | 3.56 | 0.05 | 96.2 | 15.4 | 6 | 3.56 | 3.3 |
| J598707 | | 2.33 | <0.005 | 0.04 | 7.10 | 11.1 | 360 | 0.96 | 0.11 | 4.05 | 0.04 | 118.5 | 13.6 | 5 | 1.69 | 6.9 |
| J598708 | | 1.54 | <0.005 | 0.12 | 7.79 | 27.8 | 180 | 0.59 | 0.27 | 6.54 | 0.12 | 162.5 | 39.3 | 1 | 2.79 | 45.3 |
| J598709 | | 1.51 | <0.005 | 0.13 | 7.56 | 17.3 | 240 | 0.36 | 0.26 | 7.09 | 0.12 | 162.5 | 37.6 | <1 | 2.22 | 40.2 |
| J598710 | | 2.55 | <0.005 | 0.13 | 7.23 | 14.5 | 170 | 0.26 | 0.21 | 7.30 | 0.12 | 186.0 | 37.2 | 1 | 2.24 | 25.4 |
| J598711 | | 2.04 | <0.005 | 0.16 | 7.75 | 10.8 | 220 | 0.66 | 0.19 | 5.96 | 0.09 | 112.0 | 33.6 | 3 | 3.17 | 15.5 |
| J598712 | | 1.45 | <0.005 | 0.12 | 7.90 | 8.6 | 340 | 0.49 | 0.18 | 5.93 | 0.13 | 80.8 | 36.8 | <1 | 4.46 | 39.9 |
| J598713 | | 1.40 | <0.005 | 0.18 | 8.20 | 8.8 | 500 | 0.81 | 0.11 | 4.92 | 0.06 | 79.6 | 30.5 | 3 | 5.76 | 21.6 |
| J598714 | | 1.26 | 0.014 | 0.21 | 6.27 | 14.4 | 610 | 1.05 | 0.13 | 1.56 | 0.05 | 148.5 | 6.6 | 9 | 0.72 | 45.9 |
| J598715 | | 2.15 | <0.005 | 0.08 | 7.03 | 13.6 | 950 | 2.80 | 0.10 | 1.44 | 0.02 | 108.5 | 13.1 | 5 | 0.92 | 19.3 |
| J598716 | | 2.15 | <0.005 | 0.12 | 6.18 | 16.1 | 730 | 2.15 | 0.10 | 0.93 | 0.05 | 97.6 | 4.6 | 9 | 0.58 | 5.7 |
| J598717 | | 1.86 | <0.005 | 0.21 | 6.09 | 17.9 | 700 | 2.12 | 0.10 | 0.79 | 0.04 | 62.9 | 2.8 | 10 | 0.70 | 4.1 |
| J598718 | | 1.89 | <0.005 | 0.09 | 5.91 | 15.0 | 1030 | 1.76 | 0.08 | 0.55 | 0.02 | 78.5 | 1.7 | 10 | 0.34 | 2.8 |
| J598719 | | 2.02 | <0.005 | 0.03 | 5.80 | 7.7 | 850 | 1.87 | 0.05 | 0.52 | 0.02 | 67.1 | 1.6 | 18 | 0.48 | 3.0 |

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**Finalized Date: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598680 | | 1.72 | 18.25 | 0.14 | 6.4 | 0.034 | 3.28 | 55.1 | 4.5 | 0.08 | 380 | 1.01 | 2.74 | 16.8 | 2.3 | 60 |
| J598681 | | 1.52 | 18.25 | 0.13 | 8.0 | 0.038 | 3.31 | 49.0 | 3.1 | 0.05 | 161 | 0.90 | 2.96 | 17.9 | 1.2 | 60 |
| J598682 | | 0.99 | 16.85 | 0.14 | 7.4 | 0.036 | 2.88 | 54.7 | 2.1 | 0.04 | 132 | 1.42 | 2.88 | 17.1 | 1.0 | 70 |
| J598683 | | 1.24 | 17.40 | 0.16 | 7.3 | 0.034 | 2.52 | 56.5 | 3.0 | 0.06 | 219 | 1.65 | 3.07 | 17.5 | 1.2 | 90 |
| J598684 | | 1.42 | 18.15 | 0.17 | 7.5 | 0.030 | 3.02 | 60.7 | 2.3 | 0.04 | 131 | 0.88 | 3.00 | 18.0 | 1.0 | 90 |
| J598685 | | 3.38 | 20.2 | 0.27 | 6.0 | 0.057 | 2.54 | 71.6 | 18.5 | 0.67 | 658 | 1.23 | 2.95 | 12.7 | 2.8 | 1060 |
| J598686 | | 1.57 | 18.10 | 0.18 | 6.9 | 0.053 | 1.85 | 60.2 | 7.7 | 0.26 | 282 | 2.85 | 3.40 | 16.2 | 1.9 | 310 |
| J598687 | | 6.22 | 25.6 | 0.33 | 4.9 | 0.102 | 4.09 | 66.0 | 40.4 | 1.79 | 1100 | 0.94 | 2.21 | 7.3 | 7.1 | 2750 |
| J598688 | | 6.13 | 25.9 | 0.32 | 4.8 | 0.108 | 3.62 | 60.2 | 37.5 | 1.77 | 1080 | 1.00 | 2.53 | 7.6 | 7.4 | 2790 |
| J598689 | | 5.98 | 23.6 | 0.32 | 4.5 | 0.079 | 3.57 | 58.1 | 32.9 | 1.73 | 990 | 0.69 | 2.43 | 7.1 | 7.7 | 2690 |
| J598690 | | 1.60 | 17.85 | 0.14 | 6.6 | 0.039 | 1.39 | 58.1 | 6.0 | 0.15 | 201 | 1.55 | 3.69 | 17.1 | 1.3 | 200 |
| J598691 | | 5.90 | 24.4 | 0.32 | 4.8 | 0.091 | 3.18 | 62.5 | 34.9 | 1.59 | 1020 | 0.76 | 2.66 | 8.1 | 6.6 | 2620 |
| J598692 | | 5.20 | 22.3 | 0.28 | 4.9 | 0.079 | 2.44 | 58.6 | 33.4 | 1.38 | 834 | 1.56 | 2.93 | 9.5 | 7.1 | 2320 |
| J598693 | | 5.45 | 22.5 | 0.37 | 6.3 | 0.081 | 2.74 | 66.0 | 24.1 | 1.14 | 1140 | 1.51 | 2.67 | 16.8 | 8.3 | 1950 |
| J598694 | | 5.62 | 18.10 | 0.19 | 5.8 | 0.086 | 1.66 | 43.5 | 18.5 | 1.26 | 1020 | 1.67 | 2.61 | 15.8 | 3.4 | 2580 |
| J598695 | | 1.51 | 15.00 | 0.07 | 6.6 | 0.044 | 1.06 | 43.2 | 6.9 | 0.17 | 259 | 1.40 | 2.87 | 9.4 | 1.1 | 50 |
| J598696 | | 2.77 | 18.00 | 0.15 | 7.4 | 0.056 | 1.89 | 39.2 | 13.7 | 0.44 | 534 | 0.96 | 2.85 | 13.3 | 5.5 | 450 |
| J598697 | | 1.87 | 17.75 | 0.14 | 6.6 | 0.055 | 1.05 | 52.9 | 7.6 | 0.23 | 318 | 2.02 | 3.28 | 17.2 | 0.9 | 70 |
| J598698 | | 5.05 | 17.30 | 0.22 | 7.5 | 0.061 | 1.98 | 53.8 | 12.2 | 0.90 | 753 | 2.85 | 2.22 | 14.1 | 3.3 | 440 |
| J598699 | | 1.54 | 17.05 | 0.13 | 6.2 | 0.034 | 0.29 | 54.4 | 3.7 | 0.07 | 179 | 1.29 | 4.33 | 13.1 | 1.0 | 50 |
| J598700 | | 3.95 | 19.15 | 0.08 | 1.2 | 0.014 | 2.46 | 8.0 | 5.4 | 0.87 | 239 | 1.02 | 4.75 | 9.5 | 31.0 | 680 |
| J598701 | | 19.10 | 17.40 | 0.57 | 3.1 | 0.086 | 2.48 | 21.4 | 25.2 | 3.02 | 3580 | 2.89 | 0.26 | 31.5 | 5.4 | 4730 |
| J598702 | | 1.80 | 17.75 | 0.14 | 6.8 | 0.048 | 1.62 | 48.3 | 5.0 | 0.14 | 245 | 1.48 | 3.36 | 17.8 | 0.9 | 120 |
| J598703 | | 3.68 | 23.0 | 0.32 | 7.6 | 0.047 | 0.99 | 76.6 | 14.4 | 0.55 | 562 | 1.55 | 3.95 | 14.4 | 4.6 | 880 |
| J598704 | | 6.34 | 21.0 | 0.32 | 18.5 | 0.061 | 0.69 | 50.6 | 5.6 | 0.69 | 839 | 3.52 | 3.33 | 28.5 | 3.3 | 1480 |
| J598705 | | 11.60 | 21.4 | 0.44 | 1.4 | 0.151 | 0.89 | 58.9 | 5.6 | 1.92 | 2210 | 0.71 | 1.92 | 20.2 | 14.1 | >10000 |
| J598706 | | 7.68 | 22.6 | 0.32 | 5.7 | 0.088 | 0.94 | 41.1 | 7.0 | 0.84 | 1080 | 1.51 | 2.88 | 22.4 | 8.5 | 7250 |
| J598707 | | 6.46 | 20.4 | 0.35 | 4.6 | 0.086 | 0.80 | 52.9 | 5.0 | 0.75 | 1100 | 2.73 | 2.97 | 19.5 | 7.0 | 6530 |
| J598708 | | 13.85 | 24.7 | 0.49 | 2.2 | 0.110 | 0.80 | 67.7 | 6.0 | 1.65 | 2240 | 1.38 | 2.25 | 27.2 | 16.1 | >10000 |
| J598709 | | 13.75 | 23.4 | 0.46 | 1.5 | 0.111 | 0.96 | 70.1 | 6.5 | 1.82 | 2350 | 2.01 | 1.87 | 11.0 | 17.7 | >10000 |
| J598710 | | 14.55 | 23.2 | 0.51 | 1.5 | 0.128 | 0.92 | 78.8 | 5.9 | 1.69 | 2530 | 1.04 | 1.66 | 11.8 | 18.8 | >10000 |
| J598711 | | 11.70 | 24.5 | 0.42 | 1.3 | 0.133 | 1.29 | 47.6 | 13.4 | 1.76 | 1960 | 2.07 | 1.84 | 9.0 | 22.2 | 9630 |
| J598712 | | 10.60 | 24.0 | 0.37 | 1.4 | 0.113 | 1.85 | 34.2 | 18.8 | 1.84 | 1920 | 1.65 | 1.74 | 6.8 | 23.1 | 7440 |
| J598713 | | 9.75 | 24.2 | 0.34 | 1.9 | 0.100 | 2.06 | 29.3 | 13.4 | 1.64 | 1700 | 3.65 | 2.43 | 11.7 | 23.3 | 4980 |
| J598714 | | 2.72 | 21.0 | 0.30 | 6.9 | 0.056 | 0.88 | 73.4 | 3.8 | 0.09 | 837 | 8.45 | 2.87 | 15.8 | 1.6 | 80 |
| J598715 | | 3.73 | 21.5 | 0.12 | 8.2 | 0.048 | 1.47 | 50.8 | 8.0 | 0.11 | 891 | 9.33 | 2.80 | 16.6 | 1.4 | 80 |
| J598716 | | 1.81 | 17.25 | 0.12 | 7.9 | 0.032 | 1.63 | 47.2 | 5.3 | 0.07 | 294 | 1.79 | 2.93 | 16.3 | 1.5 | 60 |
| J598717 | | 1.44 | 15.85 | 0.07 | 6.9 | 0.026 | 1.61 | 30.6 | 4.7 | 0.07 | 237 | 1.01 | 2.93 | 11.4 | 3.4 | 70 |
| J598718 | | 1.45 | 16.05 | 0.08 | 5.7 | 0.029 | 2.76 | 39.3 | 3.0 | 0.03 | 196 | 0.78 | 2.24 | 14.3 | 1.6 | 30 |
| J598719 | | 1.15 | 18.55 | 0.24 | 4.6 | 0.022 | 2.84 | 33.0 | 3.4 | 0.03 | 182 | 1.00 | 2.28 | 14.7 | 1.7 | 30 |

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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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598680 | | 8.7 | 111.5 | <0.002 | 0.11 | 0.83 | 6.5 | 2 | 1.8 | 53.9 | 1.41 | 0.06 | 18.9 | 0.078 | 0.49 | 4.0 |
| J598681 | | 9.6 | 91.3 | <0.002 | 0.04 | 0.91 | 6.9 | 2 | 1.7 | 104.5 | 1.43 | <0.05 | 18.1 | 0.081 | 0.38 | 3.0 |
| J598682 | | 8.7 | 77.2 | 0.002 | 0.02 | 0.92 | 6.2 | 2 | 1.4 | 117.0 | 1.37 | <0.05 | 16.3 | 0.088 | 0.31 | 2.9 |
| J598683 | | 8.0 | 65.4 | 0.002 | 0.08 | 0.98 | 6.8 | 2 | 2.0 | 236 | 1.33 | <0.05 | 16.7 | 0.085 | 0.29 | 3.4 |
| J598684 | | 7.8 | 82.0 | <0.002 | 0.01 | 0.79 | 6.7 | 2 | 2.0 | 123.0 | 1.39 | 0.05 | 17.0 | 0.088 | 0.35 | 2.6 |
| J598685 | | 8.0 | 89.3 | 0.002 | 0.14 | 1.34 | 8.4 | 2 | 2.3 | 403 | 0.95 | 0.06 | 16.3 | 0.212 | 0.38 | 2.7 |
| J598686 | | 6.9 | 51.5 | 0.002 | 0.21 | 0.88 | 5.7 | 2 | 2.3 | 280 | 1.32 | <0.05 | 17.3 | 0.106 | 0.21 | 3.7 |
| J598687 | | 19.1 | 177.0 | 0.002 | 0.40 | 2.16 | 11.1 | 3 | 2.9 | 546 | 0.43 | 0.06 | 12.9 | 0.428 | 1.03 | 2.7 |
| J598688 | | 10.0 | 132.5 | 0.002 | 0.48 | 1.56 | 10.8 | 3 | 2.4 | 655 | 0.42 | <0.05 | 11.6 | 0.438 | 0.81 | 2.7 |
| J598689 | | 8.9 | 107.0 | 0.002 | 0.33 | 1.41 | 10.0 | 2 | 1.5 | 720 | 0.40 | 0.05 | 10.3 | 0.421 | 0.75 | 3.0 |
| J598690 | | 6.1 | 46.0 | <0.002 | 0.12 | 1.15 | 5.7 | 2 | 1.4 | 184.5 | 1.31 | <0.05 | 17.0 | 0.087 | 0.16 | 3.3 |
| J598691 | | 9.4 | 102.0 | 0.002 | 0.14 | 1.37 | 10.5 | 2 | 2.0 | 629 | 0.47 | 0.06 | 11.8 | 0.409 | 0.70 | 2.6 |
| J598692 | | 7.6 | 88.4 | 0.002 | 0.06 | 1.19 | 10.6 | 2 | 2.2 | 482 | 0.62 | <0.05 | 12.2 | 0.390 | 0.62 | 3.2 |
| J598693 | | 8.0 | 84.8 | 0.002 | 0.14 | 0.91 | 12.5 | 3 | 2.1 | 489 | 0.68 | 0.06 | 12.1 | 0.576 | 0.56 | 2.5 |
| J598694 | | 8.8 | 72.4 | <0.002 | 0.02 | 1.28 | 22.9 | 3 | 2.3 | 312 | 1.10 | 0.05 | 9.9 | 0.944 | 0.44 | 2.3 |
| J598695 | | 7.2 | 42.0 | <0.002 | 0.02 | 0.74 | 4.8 | 1 | 2.5 | 144.0 | 1.07 | <0.05 | 15.5 | 0.072 | 0.16 | 2.9 |
| J598696 | | 10.0 | 72.5 | 0.002 | 0.03 | 0.89 | 13.1 | 2 | 2.0 | 347 | 0.96 | 0.06 | 13.1 | 0.313 | 0.41 | 2.7 |
| J598697 | | 8.5 | 48.0 | <0.002 | 0.05 | 0.82 | 5.6 | 2 | 2.6 | 133.0 | 1.36 | <0.05 | 17.7 | 0.077 | 0.21 | 3.5 |
| J598698 | | 7.9 | 78.9 | 0.002 | 0.34 | 0.90 | 12.5 | 2 | 2.3 | 154.5 | 1.16 | 0.07 | 15.4 | 0.421 | 0.40 | 3.1 |
| J598699 | | 5.8 | 14.4 | <0.002 | 0.04 | 1.18 | 5.9 | 2 | 1.3 | 165.5 | 1.13 | <0.05 | 16.7 | 0.069 | 0.04 | 3.0 |
| J598700 | | 82.5 | 590 | <0.002 | 3.08 | 1.37 | 3.2 | 2 | 1.1 | 169.0 | 0.76 | <0.05 | 2.7 | 0.215 | 6.22 | 1.2 |
| J598701 | | 1.9 | 138.0 | 0.004 | 0.13 | 0.85 | 46.4 | 9 | 3.1 | 45.7 | 1.50 | 0.08 | 2.9 | 3.98 | 0.84 | 1.5 |
| J598702 | | 7.3 | 41.9 | <0.002 | 0.08 | 1.32 | 6.5 | 1 | 1.6 | 136.0 | 1.39 | <0.05 | 17.0 | 0.137 | 0.19 | 3.4 |
| J598703 | | 8.7 | 55.6 | <0.002 | 0.03 | 1.27 | 11.7 | 2 | 1.7 | 339 | 0.90 | <0.05 | 15.9 | 0.266 | 0.28 | 3.8 |
| J598704 | | 16.5 | 35.8 | 0.002 | 0.05 | 2.29 | 15.4 | 4 | 1.2 | 535 | 1.18 | 0.06 | 8.8 | 0.969 | 0.19 | 2.8 |
| J598705 | | 5.8 | 49.6 | 0.004 | 0.09 | 2.18 | 35.6 | 6 | 2.5 | 481 | 1.46 | <0.05 | 2.8 | 2.09 | 0.23 | 0.8 |
| J598706 | | 10.5 | 66.4 | 0.002 | 0.01 | 1.19 | 17.1 | 4 | 2.6 | 307 | 1.56 | <0.05 | 11.2 | 1.185 | 0.33 | 3.3 |
| J598707 | | 8.5 | 48.4 | <0.002 | <0.01 | 1.33 | 16.3 | 4 | 2.5 | 306 | 1.39 | <0.05 | 11.6 | 1.075 | 0.23 | 3.0 |
| J598708 | | 8.7 | 55.7 | 0.004 | 0.11 | 2.08 | 30.5 | 7 | 2.6 | 333 | 1.47 | <0.05 | 4.5 | 2.53 | 0.29 | 1.6 |
| J598709 | | 8.7 | 62.9 | 0.003 | 0.07 | 2.23 | 31.6 | 6 | 2.6 | 350 | 0.65 | <0.05 | 3.1 | 2.59 | 0.32 | 1.0 |
| J598710 | | 8.0 | 60.4 | 0.003 | 0.07 | 2.05 | 30.6 | 7 | 2.1 | 361 | 0.71 | <0.05 | 2.7 | 2.90 | 0.32 | 0.9 |
| J598711 | | 8.1 | 90.6 | 0.002 | 0.03 | 1.74 | 30.9 | 4 | 2.7 | 358 | 0.55 | <0.05 | 2.7 | 2.07 | 0.55 | 0.8 |
| J598712 | | 9.5 | 98.7 | 0.003 | 0.10 | 1.42 | 30.5 | 3 | 3.0 | 302 | 0.47 | <0.05 | 2.3 | 1.615 | 0.87 | 0.8 |
| J598713 | | 10.9 | 103.0 | 0.002 | 0.03 | 1.00 | 24.1 | 4 | 3.4 | 349 | 0.61 | <0.05 | 2.4 | 1.410 | 0.97 | 1.0 |
| J598714 | | 13.0 | 49.4 | 0.002 | 0.02 | 0.89 | 5.0 | 2 | 3.4 | 84.4 | 1.33 | <0.05 | 14.9 | 0.073 | 0.19 | 3.3 |
| J598715 | | 11.2 | 59.8 | 0.005 | 0.04 | 0.71 | 6.0 | 2 | 3.3 | 87.7 | 1.49 | <0.05 | 17.2 | 0.081 | 0.28 | 4.3 |
| J598716 | | 16.2 | 52.6 | 0.003 | 0.01 | 1.01 | 6.8 | 2 | 1.5 | 113.5 | 1.37 | <0.05 | 16.0 | 0.086 | 0.23 | 3.7 |
| J598717 | | 13.0 | 49.7 | 0.004 | 0.01 | 1.00 | 5.6 | 1 | 1.3 | 112.5 | 0.98 | <0.05 | 15.6 | 0.079 | 0.24 | 3.1 |
| J598718 | | 11.5 | 76.7 | 0.004 | <0.01 | 0.82 | 3.4 | 1 | 1.9 | 79.8 | 1.40 | <0.05 | 17.9 | 0.051 | 0.29 | 4.5 |
| J598719 | | 10.9 | 76.7 | <0.002 | <0.01 | 0.68 | 3.8 | 1 | 1.4 | 82.7 | 1.31 | <0.05 | 16.0 | 0.050 | 0.29 | 3.9 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|
| J598680 | | 3 | 1.8 | 28.8 | 18 | 215 |
| J598681 | | 1 | 1.4 | 26.1 | 10 | 277 |
| J598682 | | 1 | 0.9 | 21.5 | 9 | 263 |
| J598683 | | 3 | 1.1 | 26.3 | 7 | 256 |
| J598684 | | 1 | 1.1 | 26.2 | 8 | 263 |
| J598685 | | 47 | 1.0 | 23.7 | 51 | 224 |
| J598686 | | 14 | 1.3 | 25.3 | 19 | 232 |
| J598687 | | 125 | 1.6 | 20.8 | 140 | 196.0 |
| J598688 | | 129 | 1.7 | 19.8 | 136 | 191.5 |
| J598689 | | 124 | 1.0 | 18.2 | 123 | 175.5 |
| J598690 | | 7 | 1.4 | 20.5 | 21 | 220 |
| J598691 | | 118 | 2.7 | 20.3 | 131 | 184.5 |
| J598692 | | 104 | 1.5 | 20.6 | 100 | 185.0 |
| J598693 | | 115 | 1.4 | 29.4 | 89 | 274 |
| J598694 | | 64 | 0.8 | 28.6 | 99 | 232 |
| J598695 | | 5 | 1.4 | 13.2 | 32 | 225 |
| J598696 | | 22 | 1.2 | 20.2 | 68 | 300 |
| J598697 | | 2 | 1.2 | 21.6 | 31 | 218 |
| J598698 | | 15 | 1.3 | 18.2 | 55 | 298 |
| J598699 | | 2 | 1.1 | 18.8 | 16 | 210 |
| J598700 | | 26 | 0.3 | 4.9 | 38 | 47.0 |
| J598701 | | 155 | 1.2 | 51.8 | 153 | 120.0 |
| J598702 | | 3 | 1.4 | 17.1 | 20 | 216 |
| J598703 | | 37 | 1.1 | 30.2 | 54 | 327 |
| J598704 | | 59 | 0.5 | 51.9 | 66 | >500 |
| J598705 | | 341 | 0.8 | 78.0 | 133 | 54.8 |
| J598706 | | 198 | 5.1 | 79.2 | 74 | 182.5 |
| J598707 | | 186 | 1.1 | 68.0 | 65 | 142.5 |
| J598708 | | 437 | 1.4 | 99.7 | 138 | 85.8 |
| J598709 | | 456 | 1.4 | 74.8 | 173 | 62.1 |
| J598710 | | 585 | 0.9 | 73.8 | 148 | 57.1 |
| J598711 | | 431 | 1.1 | 50.5 | 144 | 52.8 |
| J598712 | | 336 | 2.2 | 32.5 | 155 | 62.3 |
| J598713 | | 289 | 2.3 | 38.6 | 135 | 87.4 |
| J598714 | | 7 | 2.5 | 34.6 | 31 | 235 |
| J598715 | | 6 | 4.2 | 30.3 | 35 | 232 |
| J598716 | | 6 | 1.4 | 32.2 | 29 | 256 |
| J598717 | | 8 | 1.5 | 21.3 | 25 | 223 |
| J598718 | | 2 | 1.7 | 22.5 | 13 | 144.0 |
| J598719 | | 1 | 1.6 | 23.9 | 15 | 137.5 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598720 | | 1.98 | <0.005 | 0.06 | 5.67 | 9.6 | 720 | 2.05 | 0.07 | 0.56 | 0.02 | 99.6 | 1.6 | 12 | 0.54 | 2.4 |
| J598721 | | 2.22 | <0.005 | 0.09 | 5.73 | 8.8 | 630 | 2.03 | 0.09 | 0.69 | 0.02 | 113.5 | 2.1 | 9 | 0.58 | 2.7 |
| J598722 | | 2.06 | <0.005 | 0.05 | 5.77 | 7.1 | 610 | 2.56 | 0.08 | 0.75 | 0.02 | 83.7 | 1.7 | 14 | 0.35 | 4.4 |
| J598723 | | 1.93 | 0.005 | 0.10 | 5.95 | 8.1 | 910 | 1.90 | 2.53 | 0.48 | 0.05 | 98.1 | 2.4 | 11 | 0.46 | 29.5 |
| J598724 | | 2.06 | 0.005 | 0.05 | 5.88 | 9.1 | 810 | 2.00 | 0.09 | 0.52 | 0.04 | 112.5 | 2.9 | 12 | 0.57 | 5.8 |
| J598725 | | 0.03 | 3.39 | 0.14 | 1.45 | 1.2 | 100 | 0.37 | 0.14 | 0.01 | 0.13 | 17.75 | 1.1 | 9 | 0.60 | 6.5 |
| J598726 | | 1.99 | <0.005 | 0.04 | 6.07 | 8.6 | 910 | 2.28 | 0.09 | 0.45 | 0.05 | 117.5 | 1.7 | 15 | 0.57 | 6.4 |
| J598727 | | 1.97 | <0.005 | 0.04 | 5.86 | 7.1 | 790 | 2.38 | 0.08 | 0.44 | 0.03 | 107.5 | 1.6 | 11 | 0.46 | 4.6 |
| J598728 | | 2.16 | <0.005 | 0.10 | 5.93 | 6.2 | 830 | 1.94 | 0.08 | 0.44 | 0.02 | 107.5 | 1.6 | 13 | 0.48 | 3.1 |
| J598729 | | 2.22 | <0.005 | 0.07 | 5.86 | 5.6 | 690 | 2.45 | 0.10 | 0.56 | <0.02 | 89.3 | 1.2 | 13 | 0.46 | 1.9 |
| J598730 | | 1.98 | <0.005 | 0.03 | 5.65 | 5.0 | 740 | 2.09 | 0.08 | 0.42 | 0.02 | 104.5 | 1.2 | 14 | 0.46 | 3.0 |
| J598731 | | 2.75 | 0.012 | 0.04 | 5.72 | 7.1 | 730 | 1.83 | 0.07 | 0.38 | 0.04 | 99.4 | 1.4 | 12 | 0.49 | 4.4 |
| J598732 | | 2.33 | 0.007 | 0.04 | 6.02 | 3.5 | 910 | 1.91 | 0.07 | 0.35 | <0.02 | 115.5 | 0.7 | 11 | 0.56 | 3.8 |
| J598733 | | 2.67 | <0.005 | 0.02 | 5.93 | 6.7 | 880 | 1.83 | 0.06 | 0.41 | <0.02 | 125.5 | 0.8 | 12 | 0.80 | 3.7 |
| J598734 | | 1.73 | <0.005 | 0.02 | 5.96 | 6.9 | 730 | 1.94 | 0.06 | 0.35 | <0.02 | 102.5 | 1.1 | 7 | 0.78 | 1.8 |
| J598735 | | 1.54 | 0.014 | 0.07 | 6.33 | 40.6 | 650 | 1.51 | 0.06 | 0.42 | 0.10 | 98.7 | 1.6 | 9 | 0.78 | 8.7 |
| J598736 | | 1.70 | <0.005 | 0.09 | 6.10 | 2.0 | 790 | 1.91 | 0.06 | 0.34 | 0.04 | 118.0 | 0.8 | 9 | 0.54 | 2.1 |
| J598737 | | 1.69 | <0.005 | 0.03 | 5.80 | 3.1 | 730 | 2.20 | 0.09 | 0.35 | 0.02 | 116.5 | 0.9 | 8 | 0.57 | 4.4 |
| J598738 | | 1.60 | <0.005 | 0.07 | 6.04 | 2.2 | 810 | 2.29 | 0.08 | 0.35 | <0.02 | 119.0 | 0.9 | 12 | 0.53 | 11.3 |
| J598739 | | 1.74 | 0.006 | 0.03 | 5.68 | 1.9 | 650 | 1.99 | 0.06 | 0.38 | 0.03 | 100.5 | 0.9 | 9 | 0.50 | 2.8 |
| J598740 | | 1.40 | <0.005 | 0.05 | 5.97 | 1.6 | 830 | 1.91 | 0.06 | 0.40 | 0.03 | 121.0 | 0.8 | 10 | 0.49 | 2.7 |
| J598741 | | 1.71 | <0.005 | 0.01 | 5.87 | 3.4 | 880 | 2.07 | 0.06 | 0.40 | 0.03 | 115.5 | 1.0 | 14 | 0.52 | 3.0 |
| J598742 | | 1.55 | 0.005 | <0.01 | 5.73 | 1.4 | 820 | 2.02 | 0.06 | 0.36 | <0.02 | 113.5 | 0.7 | 12 | 0.49 | 1.8 |
| J598743 | | 1.78 | <0.005 | <0.01 | 5.52 | 1.6 | 880 | 2.07 | 0.07 | 0.35 | <0.02 | 119.0 | 0.8 | 8 | 0.49 | 1.1 |
| J598744 | | 1.11 | 0.008 | <0.01 | 5.72 | 2.5 | 860 | 2.21 | 0.09 | 0.36 | 0.09 | 123.5 | 1.4 | 8 | 0.54 | 3.4 |
| J598745 | | 1.07 | 0.005 | <0.01 | 5.71 | 1.6 | 940 | 2.33 | 0.06 | 0.38 | 0.02 | 113.5 | 0.9 | 8 | 0.53 | 1.8 |
| J598746 | | 1.24 | <0.005 | <0.01 | 5.95 | 4.7 | 850 | 2.12 | 0.06 | 0.53 | 0.04 | 131.0 | 0.7 | 9 | 0.57 | 2.5 |
| J598747 | | 1.70 | 0.007 | <0.01 | 5.64 | 3.0 | 820 | 2.11 | 0.06 | 0.46 | <0.02 | 120.5 | 1.0 | 9 | 0.57 | 2.4 |
| J598748 | | 1.70 | 0.005 | <0.01 | 5.85 | 8.0 | 840 | 1.79 | 0.08 | 0.38 | 0.02 | 99.2 | 1.5 | 9 | 0.84 | 3.9 |
| J598749 | | 1.77 | 0.005 | <0.01 | 5.82 | 6.4 | 860 | 1.99 | 0.05 | 0.34 | <0.02 | 122.0 | 1.3 | 9 | 0.81 | 2.8 |
| J598750 | | 0.03 | 8.42 | 0.49 | 8.01 | 2.8 | 180 | 2.07 | 0.10 | 1.10 | 0.46 | 20.4 | 10.9 | 37 | 1.59 | 16.1 |
| J598751 | | 1.64 | 0.025 | <0.01 | 5.68 | 15.8 | 710 | 2.23 | 0.04 | 0.46 | <0.02 | 102.5 | 1.6 | 8 | 0.57 | 1.4 |
| J598752 | | 1.53 | 0.006 | <0.01 | 5.46 | 11.5 | 820 | 2.35 | 0.06 | 0.35 | 0.02 | 105.5 | 1.2 | 8 | 0.73 | 1.6 |
| J598753 | | 1.71 | 0.012 | <0.01 | 5.71 | 195.0 | 790 | 1.85 | 0.07 | 0.39 | <0.02 | 107.0 | 5.2 | 8 | 0.67 | 3.4 |
| J598754 | | 1.72 | 0.033 | <0.01 | 5.85 | 14.0 | 880 | 2.11 | 0.06 | 0.46 | 0.02 | 116.5 | 1.9 | 8 | 0.66 | 5.5 |
| J598755 | | 1.76 | 0.049 | <0.01 | 5.55 | 28.8 | 790 | 2.12 | 0.11 | 0.46 | 0.17 | 118.5 | 1.4 | 7 | 0.67 | 8.9 |
| J598756 | | 1.60 | 0.007 | <0.01 | 5.72 | 10.0 | 840 | 2.02 | 0.06 | 0.33 | 0.03 | 113.0 | 1.1 | 8 | 1.18 | 4.0 |
| J598757 | | 2.18 | 0.007 | <0.01 | 5.79 | 7.8 | 870 | 2.67 | 0.11 | 0.31 | 0.03 | 112.0 | 1.3 | 9 | 3.08 | 2.5 |
| J598758 | | 1.53 | 0.005 | <0.01 | 5.72 | 4.0 | 830 | 2.45 | 0.06 | 0.36 | <0.02 | 114.0 | 1.3 | 11 | 0.72 | 2.5 |
| J598759 | | 2.10 | 0.027 | <0.01 | 5.66 | 8.0 | 820 | 2.60 | 0.13 | 0.34 | 0.02 | 103.0 | 2.4 | 9 | 0.69 | 2.6 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598720 | | 1.22 | 18.05 | 0.26 | 5.7 | 0.026 | 2.39 | 48.9 | 3.5 | 0.04 | 205 | 0.76 | 2.60 | 15.0 | 1.4 | 40 |
| J598721 | | 1.34 | 18.25 | 0.26 | 6.5 | 0.030 | 2.04 | 56.6 | 3.8 | 0.05 | 230 | 0.99 | 2.82 | 16.5 | 1.8 | 40 |
| J598722 | | 1.07 | 18.25 | 0.24 | 6.3 | 0.022 | 1.68 | 42.2 | 2.7 | 0.03 | 208 | 0.92 | 3.08 | 14.0 | 1.6 | 20 |
| J598723 | | 1.31 | 18.20 | 0.24 | 6.1 | 0.023 | 2.67 | 48.6 | 3.4 | 0.03 | 236 | 1.49 | 2.79 | 14.6 | 1.6 | 30 |
| J598724 | | 1.51 | 18.35 | 0.26 | 6.1 | 0.027 | 2.72 | 55.0 | 4.1 | 0.03 | 255 | 1.53 | 2.62 | 16.2 | 1.2 | 30 |
| J598725 | | 1.32 | 3.96 | 0.15 | 0.5 | 0.009 | 0.14 | 9.7 | 18.7 | 0.02 | 95 | 0.82 | 0.02 | 3.1 | 6.3 | 50 |
| J598726 | | 1.23 | 19.35 | 0.28 | 6.6 | 0.023 | 3.04 | 57.5 | 3.7 | 0.03 | 226 | 1.66 | 2.60 | 18.0 | 1.4 | 40 |
| J598727 | | 1.27 | 19.00 | 0.26 | 6.7 | 0.025 | 2.63 | 53.9 | 3.2 | 0.03 | 215 | 5.01 | 2.72 | 18.1 | 1.1 | 40 |
| J598728 | | 1.24 | 19.10 | 0.28 | 6.1 | 0.024 | 2.92 | 52.7 | 3.0 | 0.03 | 208 | 1.45 | 2.63 | 18.3 | 1.4 | 30 |
| J598729 | | 1.07 | 18.80 | 0.24 | 6.8 | 0.014 | 2.38 | 43.6 | 2.4 | 0.02 | 165 | 0.96 | 2.86 | 16.5 | 1.2 | 30 |
| J598730 | | 1.17 | 18.30 | 0.25 | 6.2 | 0.026 | 2.78 | 51.8 | 2.6 | 0.03 | 193 | 1.44 | 2.63 | 15.1 | 1.5 | 30 |
| J598731 | | 1.16 | 18.85 | 0.26 | 5.6 | 0.035 | 3.09 | 48.4 | 2.9 | 0.03 | 205 | 1.88 | 2.65 | 16.9 | 1.0 | 30 |
| J598732 | | 1.33 | 19.30 | 0.28 | 6.5 | 0.038 | 3.06 | 57.9 | 2.6 | 0.03 | 198 | 1.97 | 2.75 | 17.0 | 1.0 | 40 |
| J598733 | | 1.34 | 18.90 | 0.29 | 6.0 | 0.029 | 3.20 | 63.2 | 3.1 | 0.03 | 183 | 1.73 | 2.70 | 16.0 | 1.0 | 30 |
| J598734 | | 1.22 | 18.85 | 0.27 | 6.1 | 0.030 | 3.20 | 50.3 | 2.7 | 0.03 | 161 | 1.56 | 2.66 | 15.5 | 1.0 | 20 |
| J598735 | | 1.30 | 18.35 | 0.28 | 4.3 | 0.026 | 3.51 | 48.8 | 4.6 | 0.04 | 238 | 1.61 | 2.61 | 11.2 | 1.1 | 50 |
| J598736 | | 1.19 | 19.85 | 0.30 | 6.3 | 0.040 | 3.28 | 58.9 | 2.1 | 0.03 | 221 | 1.88 | 2.72 | 15.8 | 1.0 | 30 |
| J598737 | | 1.23 | 18.90 | 0.27 | 6.1 | 0.036 | 3.14 | 57.8 | 2.4 | 0.03 | 210 | 1.61 | 2.67 | 17.8 | 1.0 | 30 |
| J598738 | | 1.22 | 20.6 | 0.26 | 7.1 | 0.046 | 3.23 | 58.7 | 2.8 | 0.03 | 210 | 1.83 | 2.76 | 18.0 | 1.2 | 30 |
| J598739 | | 1.16 | 16.05 | 0.14 | 5.6 | 0.034 | 3.38 | 49.5 | 3.3 | 0.03 | 218 | 1.31 | 2.80 | 14.6 | 0.9 | 30 |
| J598740 | | 1.20 | 16.50 | 0.19 | 5.7 | 0.040 | 3.36 | 60.4 | 3.1 | 0.03 | 236 | 1.51 | 2.78 | 14.6 | 0.9 | 30 |
| J598741 | | 1.31 | 16.85 | 0.19 | 6.5 | 0.039 | 3.33 | 57.4 | 2.9 | 0.03 | 255 | 1.75 | 2.79 | 17.4 | 1.0 | 30 |
| J598742 | | 1.16 | 16.90 | 0.18 | 6.3 | 0.040 | 3.30 | 56.1 | 2.8 | 0.03 | 191 | 1.85 | 2.72 | 17.1 | 0.9 | 30 |
| J598743 | | 1.20 | 16.50 | 0.18 | 6.5 | 0.048 | 3.28 | 59.4 | 2.5 | 0.03 | 174 | 1.40 | 2.76 | 18.0 | 0.6 | 30 |
| J598744 | | 1.20 | 17.40 | 0.18 | 6.8 | 0.059 | 3.34 | 60.7 | 2.6 | 0.03 | 204 | 2.17 | 2.78 | 17.4 | 0.9 | 30 |
| J598745 | | 1.21 | 17.85 | 0.17 | 7.1 | 0.045 | 3.51 | 56.0 | 2.8 | 0.03 | 212 | 1.83 | 2.82 | 19.4 | 0.8 | 30 |
| J598746 | | 1.13 | 17.65 | 0.18 | 6.1 | 0.044 | 3.26 | 64.7 | 2.5 | 0.03 | 294 | 2.63 | 2.89 | 18.0 | 1.1 | 30 |
| J598747 | | 1.21 | 17.35 | 0.17 | 6.9 | 0.040 | 3.17 | 59.8 | 2.9 | 0.03 | 282 | 2.39 | 2.83 | 17.3 | 0.8 | 30 |
| J598748 | | 1.16 | 17.65 | 0.14 | 6.5 | 0.041 | 3.38 | 49.4 | 3.3 | 0.03 | 223 | 2.34 | 2.84 | 17.6 | 1.3 | 30 |
| J598749 | | 1.21 | 17.70 | 0.17 | 6.4 | 0.036 | 3.29 | 60.5 | 3.3 | 0.03 | 176 | 2.03 | 2.79 | 17.2 | 0.7 | 30 |
| J598750 | | 4.69 | 21.3 | 0.18 | 1.4 | 0.017 | 2.41 | 10.3 | 2.6 | 1.00 | 263 | 2.04 | 5.11 | 10.4 | 40.9 | 670 |
| J598751 | | 1.08 | 17.45 | 0.15 | 6.2 | 0.030 | 2.93 | 51.0 | 3.7 | 0.03 | 186 | 3.21 | 2.87 | 19.7 | 1.1 | 20 |
| J598752 | | 1.13 | 18.15 | 0.16 | 6.6 | 0.037 | 3.24 | 51.7 | 3.3 | 0.03 | 163 | 2.48 | 2.75 | 18.6 | 0.6 | 30 |
| J598753 | | 1.26 | 16.70 | 0.15 | 5.9 | 0.033 | 3.27 | 53.3 | 4.0 | 0.03 | 176 | 2.12 | 2.69 | 16.0 | 1.1 | 30 |
| J598754 | | 1.25 | 17.45 | 0.16 | 5.9 | 0.040 | 3.25 | 58.6 | 4.8 | 0.03 | 199 | 2.60 | 2.70 | 15.3 | 0.8 | 30 |
| J598755 | | 1.24 | 17.50 | 0.17 | 6.7 | 0.043 | 3.06 | 59.3 | 4.2 | 0.03 | 186 | 2.34 | 2.66 | 16.7 | 0.8 | 20 |
| J598756 | | 1.17 | 17.50 | 0.17 | 6.4 | 0.033 | 3.22 | 55.8 | 3.3 | 0.03 | 122 | 2.27 | 2.75 | 16.6 | 0.8 | 30 |
| J598757 | | 1.31 | 17.75 | 0.17 | 6.4 | 0.045 | 3.26 | 56.4 | 3.1 | 0.03 | 155 | 1.94 | 2.79 | 18.0 | 0.8 | 30 |
| J598758 | | 1.23 | 17.95 | 0.16 | 7.2 | 0.041 | 3.29 | 56.7 | 3.0 | 0.03 | 193 | 2.17 | 2.79 | 19.6 | 1.0 | 30 |
| J598759 | | 1.24 | 18.15 | 0.17 | 7.2 | 0.031 | 3.33 | 51.2 | 3.0 | 0.03 | 206 | 1.86 | 2.80 | 19.1 | 0.9 | 30 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598720 | | 10.3 | 71.4 | <0.002 | <0.01 | 0.85 | 5.1 | 1 | 1.1 | 92.5 | 1.30 | <0.05 | 16.8 | 0.057 | 0.28 | 3.2 |
| J598721 | | 8.5 | 65.0 | <0.002 | <0.01 | 0.79 | 5.2 | 2 | 1.3 | 96.5 | 1.40 | <0.05 | 15.7 | 0.063 | 0.24 | 3.8 |
| J598722 | | 12.2 | 56.7 | <0.002 | <0.01 | 0.73 | 3.6 | 1 | 1.1 | 113.0 | 1.45 | <0.05 | 16.0 | 0.059 | 0.23 | 3.7 |
| J598723 | | 9.8 | 91.2 | <0.002 | 0.01 | 0.79 | 4.4 | 1 | 1.4 | 74.2 | 1.29 | <0.05 | 15.0 | 0.062 | 0.37 | 3.7 |
| J598724 | | 16.7 | 102.0 | <0.002 | 0.01 | 0.66 | 4.8 | 1 | 1.9 | 58.3 | 1.37 | <0.05 | 15.9 | 0.062 | 0.39 | 4.6 |
| J598725 | | 31.4 | 11.5 | <0.002 | 0.98 | 0.52 | 1.5 | 1 | 1.3 | 13.1 | 0.26 | <0.05 | 3.2 | 0.075 | 0.44 | 0.4 |
| J598726 | | 17.4 | 122.0 | <0.002 | <0.01 | 0.64 | 5.3 | 2 | 1.7 | 52.0 | 1.40 | <0.05 | 18.2 | 0.061 | 0.44 | 4.9 |
| J598727 | | 15.6 | 100.0 | <0.002 | <0.01 | 0.48 | 5.5 | 2 | 1.5 | 61.2 | 1.50 | <0.05 | 17.3 | 0.060 | 0.35 | 4.1 |
| J598728 | | 10.3 | 109.5 | <0.002 | <0.01 | 0.50 | 5.5 | 2 | 1.4 | 59.2 | 1.51 | <0.05 | 17.3 | 0.060 | 0.37 | 4.1 |
| J598729 | | 10.2 | 90.3 | <0.002 | <0.01 | 0.48 | 3.9 | 2 | 1.1 | 82.1 | 1.45 | <0.05 | 19.4 | 0.060 | 0.32 | 4.5 |
| J598730 | | 13.3 | 102.5 | <0.002 | <0.01 | 0.52 | 4.6 | 1 | 1.3 | 54.0 | 1.30 | <0.05 | 16.4 | 0.057 | 0.37 | 3.9 |
| J598731 | | 16.2 | 122.5 | <0.002 | 0.01 | 0.42 | 4.8 | 1 | 1.5 | 38.0 | 1.35 | <0.05 | 16.9 | 0.059 | 0.43 | 4.6 |
| J598732 | | 13.9 | 122.0 | <0.002 | <0.01 | 0.38 | 5.5 | 2 | 1.8 | 40.3 | 1.35 | <0.05 | 15.8 | 0.065 | 0.43 | 4.3 |
| J598733 | | 9.2 | 123.5 | <0.002 | 0.01 | 0.34 | 5.1 | 1 | 1.7 | 35.7 | 1.25 | <0.05 | 16.0 | 0.060 | 0.47 | 4.2 |
| J598734 | | 12.0 | 120.5 | <0.002 | 0.01 | 0.32 | 5.0 | 1 | 1.5 | 33.5 | 1.25 | <0.05 | 15.7 | 0.055 | 0.46 | 4.2 |
| J598735 | | 36.0 | 131.0 | <0.002 | 0.08 | 0.26 | 4.2 | 1 | 1.6 | 32.1 | 0.77 | <0.05 | 14.5 | 0.065 | 0.54 | 3.7 |
| J598736 | | 7.8 | 129.5 | <0.002 | <0.01 | 0.15 | 5.6 | 2 | 1.7 | 29.9 | 1.13 | <0.05 | 15.2 | 0.063 | 0.47 | 3.5 |
| J598737 | | 8.6 | 132.5 | <0.002 | 0.01 | 0.17 | 4.9 | 2 | 1.8 | 29.0 | 1.47 | <0.05 | 16.9 | 0.059 | 0.49 | 4.6 |
| J598738 | | 8.2 | 135.0 | <0.002 | <0.01 | 0.22 | 5.8 | 1 | 2.6 | 39.2 | 1.42 | <0.05 | 17.8 | 0.063 | 0.50 | 4.2 |
| J598739 | | 7.3 | 144.5 | <0.002 | 0.01 | 0.20 | 4.3 | 1 | 1.4 | 30.3 | 1.16 | <0.05 | 15.8 | 0.060 | 0.46 | 4.0 |
| J598740 | | 8.0 | 140.5 | <0.002 | 0.01 | 0.20 | 5.1 | 1 | 1.8 | 31.4 | 1.12 | <0.05 | 15.2 | 0.064 | 0.46 | 3.6 |
| J598741 | | 8.4 | 147.5 | <0.002 | 0.01 | 0.23 | 4.7 | 1 | 2.1 | 38.9 | 1.28 | <0.05 | 16.2 | 0.063 | 0.48 | 3.9 |
| J598742 | | 5.5 | 142.0 | <0.002 | <0.01 | 0.22 | 5.3 | 1 | 2.0 | 34.3 | 1.23 | <0.05 | 15.4 | 0.061 | 0.48 | 3.1 |
| J598743 | | 5.7 | 139.0 | <0.002 | <0.01 | 0.25 | 5.2 | 1 | 2.3 | 32.9 | 1.31 | <0.05 | 15.0 | 0.064 | 0.45 | 3.3 |
| J598744 | | 8.5 | 148.0 | <0.002 | 0.01 | 0.27 | 5.5 | 1 | 3.0 | 33.7 | 1.25 | <0.05 | 15.6 | 0.062 | 0.52 | 4.5 |
| J598745 | | 7.5 | 153.0 | <0.002 | <0.01 | 0.33 | 5.3 | 1 | 2.1 | 35.7 | 1.44 | <0.05 | 16.7 | 0.062 | 0.52 | 4.2 |
| J598746 | | 5.6 | 141.0 | <0.002 | <0.01 | 0.32 | 5.5 | 1 | 2.0 | 38.2 | 1.26 | <0.05 | 15.8 | 0.061 | 0.50 | 3.4 |
| J598747 | | 5.6 | 139.0 | <0.002 | 0.01 | 0.35 | 6.0 | 1 | 2.1 | 36.6 | 1.22 | <0.05 | 16.1 | 0.060 | 0.49 | 3.7 |
| J598748 | | 5.9 | 141.0 | <0.002 | 0.03 | 0.43 | 6.1 | 1 | 2.0 | 39.9 | 1.32 | <0.05 | 15.5 | 0.059 | 0.51 | 3.7 |
| J598749 | | 4.2 | 135.0 | <0.002 | 0.01 | 0.52 | 5.7 | 1 | 2.0 | 46.6 | 1.20 | <0.05 | 15.8 | 0.060 | 0.49 | 3.1 |
| J598750 | | 88.2 | 227 | <0.002 | 3.32 | 1.11 | 4.4 | 1 | 1.0 | 181.0 | 0.79 | 0.05 | 3.0 | 0.266 | 1.86 | 1.0 |
| J598751 | | 4.8 | 119.5 | <0.002 | 0.01 | 0.55 | 4.3 | 1 | 1.9 | 61.5 | 1.44 | <0.05 | 17.3 | 0.051 | 0.41 | 5.1 |
| J598752 | | 5.8 | 141.5 | <0.002 | 0.01 | 0.54 | 5.3 | 1 | 2.0 | 43.6 | 1.24 | <0.05 | 15.2 | 0.057 | 0.50 | 3.5 |
| J598753 | | 5.1 | 126.5 | <0.002 | 0.02 | 0.60 | 5.3 | 1 | 1.8 | 52.5 | 1.10 | <0.05 | 14.5 | 0.058 | 0.48 | 3.7 |
| J598754 | | 5.3 | 131.5 | <0.002 | 0.02 | 0.71 | 6.0 | 1 | 2.0 | 55.8 | 1.11 | <0.05 | 15.7 | 0.057 | 0.48 | 3.6 |
| J598755 | | 19.5 | 128.0 | <0.002 | 0.03 | 0.81 | 6.2 | 1 | 1.8 | 61.9 | 1.24 | <0.05 | 17.0 | 0.050 | 0.47 | 4.0 |
| J598756 | | 5.2 | 131.0 | <0.002 | 0.01 | 0.64 | 5.5 | 1 | 2.2 | 54.7 | 1.14 | <0.05 | 16.1 | 0.054 | 0.50 | 3.3 |
| J598757 | | 5.2 | 138.0 | <0.002 | 0.01 | 0.56 | 5.8 | 1 | 2.7 | 40.1 | 1.32 | <0.05 | 16.5 | 0.060 | 0.51 | 4.1 |
| J598758 | | 4.3 | 144.5 | <0.002 | <0.01 | 0.35 | 6.0 | 1 | 2.5 | 33.9 | 1.50 | <0.05 | 17.3 | 0.063 | 0.53 | 4.1 |
| J598759 | | 4.6 | 148.5 | <0.002 | 0.01 | 0.37 | 5.6 | 1 | 1.6 | 38.4 | 1.40 | <0.05 | 17.2 | 0.061 | 0.54 | 4.0 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|
| J598720 | | 2 | 1.3 | 28.5 | 20 | 172.0 |
| J598721 | | 3 | 3.3 | 38.9 | 23 | 208 |
| J598722 | | 2 | 1.2 | 28.5 | 20 | 210 |
| J598723 | | 2 | 4.0 | 24.7 | 26 | 203 |
| J598724 | | 1 | 1.3 | 28.0 | 28 | 191.5 |
| J598725 | | 7 | 0.8 | 2.6 | 14 | 18.4 |
| J598726 | | 1 | 1.3 | 34.3 | 29 | 200 |
| J598727 | | 1 | 1.3 | 30.6 | 30 | 208 |
| J598728 | | 1 | 1.3 | 32.7 | 25 | 191.5 |
| J598729 | | 3 | 1.8 | 30.8 | 17 | 210 |
| J598730 | | 1 | 1.0 | 29.2 | 18 | 188.0 |
| J598731 | | 1 | 1.2 | 27.8 | 28 | 171.5 |
| J598732 | | 1 | 1.5 | 30.4 | 22 | 209 |
| J598733 | | 1 | 1.7 | 21.5 | 14 | 197.5 |
| J598734 | | 1 | 1.3 | 22.7 | 16 | 188.5 |
| J598735 | | 2 | 1.5 | 19.6 | 57 | 133.5 |
| J598736 | | 1 | 1.1 | 35.1 | 21 | 203 |
| J598737 | | 1 | 1.4 | 34.1 | 22 | 188.5 |
| J598738 | | 1 | 2.0 | 32.7 | 19 | 226 |
| J598739 | | 1 | 1.4 | 26.2 | 18 | 169.5 |
| J598740 | | 1 | 1.9 | 29.1 | 21 | 183.5 |
| J598741 | | 1 | 2.0 | 31.1 | 23 | 210 |
| J598742 | | <1 | 2.1 | 32.5 | 19 | 203 |
| J598743 | | 1 | 2.2 | 32.7 | 18 | 213 |
| J598744 | | 1 | 2.4 | 32.3 | 41 | 217 |
| J598745 | | <1 | 2.5 | 32.6 | 20 | 225 |
| J598746 | | <1 | 2.2 | 28.0 | 26 | 198.5 |
| J598747 | | <1 | 2.2 | 27.3 | 16 | 218 |
| J598748 | | <1 | 2.2 | 22.1 | 17 | 199.0 |
| J598749 | | <1 | 2.2 | 23.7 | 14 | 216 |
| J598750 | | 34 | 0.2 | 5.5 | 44 | 54.8 |
| J598751 | | <1 | 1.8 | 25.1 | 14 | 197.0 |
| J598752 | | 1 | 2.0 | 25.6 | 18 | 215 |
| J598753 | | 1 | 1.5 | 20.8 | 16 | 191.5 |
| J598754 | | 1 | 1.7 | 20.6 | 19 | 190.0 |
| J598755 | | <1 | 2.2 | 21.6 | 57 | 207 |
| J598756 | | 1 | 2.4 | 21.7 | 18 | 205 |
| J598757 | | <1 | 2.6 | 29.3 | 20 | 198.0 |
| J598758 | | <1 | 2.1 | 36.1 | 23 | 221 |
| J598759 | | <1 | 1.5 | 33.9 | 23 | 230 |

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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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598760 | | 2.06 | 0.020 | <0.01 | 5.69 | 5.7 | 720 | 2.56 | 0.06 | 0.38 | <0.02 | 110.5 | 0.8 | 10 | 0.62 | 2.9 |
| J598761 | | 1.87 | 0.014 | <0.01 | 5.66 | 5.6 | 790 | 2.54 | 0.09 | 0.35 | 0.02 | 104.0 | 1.6 | 9 | 0.83 | 3.7 |
| J598762 | | 2.07 | 0.035 | <0.01 | 5.77 | 5.9 | 780 | 2.60 | 0.06 | 0.39 | <0.02 | 106.5 | 1.2 | 9 | 1.07 | 3.6 |
| J598763 | | 1.73 | 0.014 | <0.01 | 5.76 | 6.9 | 730 | 2.54 | 0.04 | 0.26 | <0.02 | 105.5 | 0.8 | 9 | 4.81 | 2.3 |
| J598764 | | 2.04 | 2.41 | 0.02 | 5.49 | 55.9 | 690 | 2.36 | 0.07 | 0.56 | 0.08 | 88.4 | 3.0 | 14 | 0.58 | 17.0 |
| J598765 | | 2.09 | 0.014 | <0.01 | 5.77 | 117.0 | 780 | 2.23 | 0.06 | 0.46 | 0.12 | 110.0 | 1.7 | 10 | 0.57 | 13.2 |
| J598766 | | 1.97 | <0.005 | <0.01 | 5.42 | 23.6 | 660 | 2.19 | 0.06 | 0.50 | 0.10 | 99.2 | 1.4 | 10 | 0.51 | 7.3 |
| J598767 | | 1.84 | 0.009 | <0.01 | 5.19 | 22.9 | 610 | 2.36 | 0.07 | 0.40 | 0.06 | 99.4 | 1.0 | 8 | 0.53 | 12.4 |
| J598768 | | 1.84 | 0.065 | <0.01 | 5.47 | 106.5 | 520 | 2.72 | 0.08 | 0.37 | 0.02 | 96.8 | 2.1 | 17 | 0.57 | 5.0 |
| J598769 | | 2.26 | 0.005 | <0.01 | 5.55 | 9.9 | 610 | 2.52 | 0.05 | 0.34 | <0.02 | 98.6 | 0.6 | 11 | 0.62 | 4.8 |
| J598770 | | 1.89 | <0.005 | <0.01 | 5.38 | 6.4 | 640 | 2.14 | 0.07 | 0.36 | 0.05 | 106.0 | 1.3 | 9 | 0.64 | 4.3 |
| J598771 | | 1.63 | 0.008 | <0.01 | 5.50 | 6.0 | 750 | 2.45 | 0.06 | 0.48 | 0.03 | 112.5 | 3.2 | 9 | 1.03 | 4.3 |
| J598772 | | 1.03 | 0.019 | 0.04 | 5.61 | 141.0 | 700 | 1.87 | 0.15 | 0.52 | 0.58 | 107.0 | 1.1 | 9 | 0.54 | 27.5 |
| J598773 | | 0.65 | 0.047 | 0.30 | 5.39 | 504 | 680 | 2.13 | 0.21 | 0.42 | 2.76 | 103.0 | 1.9 | 12 | 0.46 | 64.0 |
| J598774 | | 1.80 | 0.070 | 0.15 | 5.77 | 459 | 660 | 1.83 | 0.16 | 0.41 | 1.46 | 106.0 | 1.0 | 10 | 0.43 | 35.2 |
| J598775 | | 0.07 | <0.005 | 0.04 | 6.43 | 0.2 | 890 | 1.14 | 0.09 | 1.35 | 0.08 | 30.2 | 2.2 | 13 | 1.72 | 4.3 |
| J598776 | | 1.83 | 0.011 | 0.08 | 5.73 | 75.5 | 640 | 1.98 | 0.12 | 0.41 | 0.16 | 94.3 | 0.9 | 10 | 0.57 | 11.4 |
| J598777 | | 1.79 | 0.040 | 0.05 | 5.71 | 110.5 | 640 | 2.17 | 0.11 | 0.38 | 0.17 | 99.4 | 1.0 | 9 | 0.54 | 10.6 |
| J598778 | | 1.65 | 0.026 | 0.07 | 5.90 | 149.5 | 660 | 1.86 | 0.11 | 0.42 | 0.11 | 93.7 | 0.8 | 12 | 0.55 | 16.5 |
| J598779 | | 1.55 | 0.047 | 0.09 | 5.70 | 168.5 | 600 | 2.16 | 0.12 | 0.46 | 0.17 | 93.1 | 1.0 | 6 | 0.49 | 17.5 |
| J598780 | | 1.60 | 0.029 | 0.08 | 5.53 | 69.1 | 690 | 1.43 | 0.10 | 0.38 | 0.15 | 99.2 | 0.9 | 6 | 0.47 | 22.4 |
| J598781 | | 1.97 | 0.132 | 0.04 | 5.77 | 173.0 | 650 | 1.67 | 0.11 | 0.36 | <0.02 | 104.0 | 0.7 | 11 | 0.56 | 13.9 |
| J598782 | | 1.95 | 0.026 | 0.08 | 5.72 | 215 | 680 | 1.69 | 0.12 | 0.36 | 0.20 | 109.5 | 1.0 | 8 | 0.56 | 14.1 |
| J598783 | | 1.91 | 0.007 | 0.04 | 5.80 | 39.9 | 670 | 1.86 | 0.19 | 0.35 | <0.02 | 95.5 | 0.5 | 14 | 0.59 | 5.2 |
| J598784 | | 2.22 | 0.040 | 0.08 | 6.01 | 173.5 | 680 | 2.07 | 0.17 | 0.41 | 0.09 | 97.7 | 1.6 | 11 | 0.64 | 15.7 |
| J598785 | | 2.16 | 0.017 | 0.02 | 5.93 | 101.0 | 700 | 2.03 | 0.08 | 0.38 | 0.05 | 113.0 | 0.5 | 10 | 0.66 | 6.2 |
| J598786 | | 2.02 | 0.013 | 0.05 | 5.95 | 55.6 | 720 | 1.92 | 0.08 | 0.39 | <0.02 | 98.9 | 0.6 | 9 | 0.67 | 10.3 |
| J598787 | | 2.13 | 0.007 | 0.02 | 5.83 | 20.2 | 670 | 1.98 | 0.04 | 0.36 | <0.02 | 97.0 | 0.4 | 11 | 0.62 | 4.3 |
| J598788 | | 2.15 | 0.013 | 0.04 | 5.98 | 50.5 | 630 | 1.79 | 0.05 | 0.42 | 0.03 | 99.2 | 0.5 | 10 | 0.62 | 5.7 |
| J598789 | | 2.16 | 0.045 | 0.06 | 5.89 | 136.0 | 710 | 1.73 | 0.14 | 0.48 | 0.11 | 99.8 | 0.9 | 8 | 0.59 | 16.5 |
| J598790 | | 2.24 | 0.014 | 0.14 | 5.75 | 80.9 | 760 | 1.42 | 0.21 | 0.65 | 0.22 | 97.6 | 1.6 | 7 | 0.55 | 49.4 |
| J598791 | | 2.16 | 0.041 | 0.12 | 5.67 | 249 | 420 | 1.58 | 0.12 | 0.88 | 0.17 | 85.4 | 2.6 | 9 | 0.45 | 19.1 |
| J598792 | | 1.45 | 0.024 | 0.06 | 5.77 | 373 | 300 | 1.92 | 0.05 | 0.93 | 0.03 | 86.0 | 3.0 | 6 | 0.45 | 9.0 |
| J598793 | | 1.45 | 0.064 | 0.05 | 5.79 | 200 | 350 | 1.62 | 0.05 | 0.92 | 0.06 | 77.1 | 3.0 | 6 | 0.45 | 7.5 |
| J598794 | | 1.51 | 0.073 | 0.09 | 5.96 | 73.0 | 790 | 1.49 | 0.09 | 0.58 | 1.57 | 87.1 | 3.0 | 11 | 0.64 | 21.3 |
| J598795 | | 2.17 | 0.036 | 0.06 | 5.82 | 173.5 | 580 | 1.75 | 0.06 | 0.78 | 0.07 | 82.3 | 2.6 | 6 | 0.58 | 8.2 |
| J598796 | | 1.82 | 0.014 | 0.07 | 5.94 | 142.5 | 850 | 1.79 | 0.05 | 0.60 | 0.06 | 94.3 | 3.3 | 9 | 0.62 | 11.2 |
| J598797 | | 1.66 | 0.096 | 0.15 | 5.90 | 51.2 | 840 | 1.96 | 0.04 | 0.50 | <0.02 | 89.8 | 3.5 | 8 | 0.70 | 2.6 |
| J598798 | | 1.78 | 0.016 | 0.06 | 5.98 | 110.5 | 870 | 1.87 | 0.05 | 0.52 | 0.02 | 87.9 | 2.9 | 9 | 0.72 | 5.4 |
| J598799 | | 1.17 | 0.083 | 0.07 | 6.12 | 279 | 850 | 1.58 | 0.07 | 0.53 | 0.03 | 85.5 | 3.7 | 8 | 0.64 | 5.8 |

***** 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

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**Finalized Date: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| J598760 | | 1.10 | 17.85 | 0.16 | 6.7 | 0.033 | 3.30 | 54.9 | 3.0 | 0.03 | 201 | 1.72 | 2.80 | 20.9 | 0.9 | 30 |
| J598761 | | 1.22 | 18.35 | 0.16 | 6.5 | 0.034 | 3.22 | 51.2 | 3.4 | 0.03 | 186 | 1.57 | 2.68 | 17.9 | 0.9 | 20 |
| J598762 | | 1.18 | 18.55 | 0.16 | 6.1 | 0.036 | 3.16 | 52.7 | 4.1 | 0.03 | 155 | 1.30 | 2.75 | 17.1 | 1.0 | 30 |
| J598763 | | 1.30 | 17.70 | 0.16 | 5.9 | 0.029 | 3.22 | 51.7 | 3.9 | 0.04 | 110 | 1.13 | 2.63 | 17.6 | 0.9 | 30 |
| J598764 | | 1.25 | 17.25 | 0.16 | 5.8 | 0.035 | 2.67 | 43.4 | 5.7 | 0.03 | 283 | 1.58 | 2.76 | 15.6 | 1.1 | 30 |
| J598765 | | 1.27 | 18.00 | 0.17 | 6.1 | 0.036 | 3.09 | 54.8 | 5.3 | 0.03 | 220 | 2.50 | 2.75 | 15.4 | 1.1 | 30 |
| J598766 | | 1.12 | 17.75 | 0.16 | 6.2 | 0.038 | 3.06 | 49.6 | 4.3 | 0.03 | 248 | 1.42 | 2.61 | 17.2 | 0.8 | 30 |
| J598767 | | 0.87 | 17.55 | 0.15 | 5.8 | 0.031 | 2.92 | 48.5 | 4.5 | 0.02 | 180 | 1.65 | 2.51 | 17.6 | 0.8 | 10 |
| J598768 | | 1.15 | 18.80 | 0.16 | 6.9 | 0.037 | 3.17 | 46.4 | 3.9 | 0.02 | 210 | 2.51 | 2.71 | 21.2 | 0.9 | 20 |
| J598769 | | 1.10 | 17.70 | 0.15 | 6.2 | 0.042 | 3.26 | 48.2 | 3.6 | 0.02 | 183 | 1.40 | 2.66 | 17.1 | 1.1 | 20 |
| J598770 | | 1.12 | 17.20 | 0.17 | 5.6 | 0.039 | 3.22 | 53.0 | 4.3 | 0.03 | 192 | 1.37 | 2.48 | 14.2 | 0.8 | 20 |
| J598771 | | 1.31 | 17.35 | 0.18 | 6.4 | 0.033 | 2.98 | 56.6 | 8.8 | 0.06 | 216 | 1.31 | 2.55 | 16.0 | 1.4 | 70 |
| J598772 | | 1.15 | 17.70 | 0.17 | 5.9 | 0.054 | 3.56 | 52.9 | 9.8 | 0.02 | 458 | 1.70 | 2.20 | 16.8 | 0.7 | 20 |
| J598773 | | 1.29 | 17.80 | 0.17 | 6.1 | 0.137 | 3.11 | 50.8 | 9.0 | 0.02 | 395 | 1.79 | 2.38 | 17.3 | 0.9 | 20 |
| J598774 | | 1.15 | 18.20 | 0.17 | 6.2 | 0.100 | 3.42 | 52.6 | 7.8 | 0.02 | 322 | 1.61 | 2.55 | 17.5 | 0.8 | 10 |
| J598775 | | 1.45 | 13.60 | 0.15 | 1.1 | 0.012 | 2.19 | 13.5 | 11.3 | 0.19 | 563 | 0.90 | 2.72 | 4.7 | 2.5 | 180 |
| J598776 | | 1.11 | 17.35 | 0.15 | 6.3 | 0.041 | 3.44 | 45.2 | 3.2 | 0.02 | 358 | 1.86 | 2.63 | 18.4 | 1.1 | 10 |
| J598777 | | 1.18 | 16.95 | 0.17 | 6.3 | 0.045 | 3.33 | 47.9 | 3.5 | 0.02 | 360 | 1.83 | 2.68 | 17.2 | 0.8 | 10 |
| J598778 | | 1.17 | 16.65 | 0.18 | 6.6 | 0.041 | 3.47 | 48.4 | 3.2 | 0.02 | 359 | 1.87 | 2.58 | 16.2 | 1.0 | 10 |
| J598779 | | 1.17 | 17.15 | 0.19 | 6.0 | 0.035 | 3.45 | 43.7 | 4.1 | 0.02 | 349 | 1.77 | 2.57 | 17.1 | 0.5 | 10 |
| J598780 | | 1.14 | 16.65 | 0.16 | 6.0 | 0.035 | 3.44 | 51.0 | 5.6 | 0.02 | 327 | 1.57 | 2.38 | 16.3 | 0.9 | 20 |
| J598781 | | 1.13 | 17.10 | 0.18 | 6.1 | 0.030 | 3.37 | 50.8 | 3.1 | 0.02 | 300 | 2.50 | 2.61 | 16.5 | 0.7 | 20 |
| J598782 | | 1.14 | 17.55 | 0.18 | 6.2 | 0.036 | 3.49 | 52.2 | 3.6 | 0.02 | 338 | 1.68 | 2.55 | 17.9 | 1.2 | 20 |
| J598783 | | 1.15 | 16.70 | 0.20 | 6.3 | 0.034 | 3.32 | 48.3 | 2.6 | 0.02 | 307 | 1.54 | 2.61 | 16.3 | 0.9 | 10 |
| J598784 | | 1.12 | 17.65 | 0.20 | 5.9 | 0.030 | 3.52 | 47.7 | 3.5 | 0.02 | 406 | 1.69 | 2.62 | 17.6 | 1.0 | 20 |
| J598785 | | 1.07 | 16.70 | 0.19 | 6.1 | 0.040 | 3.53 | 54.7 | 2.9 | 0.02 | 283 | 1.30 | 2.61 | 16.7 | 0.7 | 20 |
| J598786 | | 1.15 | 17.05 | 0.16 | 6.6 | 0.034 | 3.53 | 46.3 | 2.6 | 0.02 | 291 | 1.46 | 2.63 | 16.7 | 0.7 | 20 |
| J598787 | | 1.16 | 16.75 | 0.17 | 6.2 | 0.034 | 3.45 | 49.6 | 2.2 | 0.02 | 244 | 1.96 | 2.67 | 16.0 | 1.1 | 10 |
| J598788 | | 1.14 | 17.35 | 0.18 | 6.5 | 0.025 | 3.42 | 47.4 | 2.6 | 0.02 | 258 | 1.80 | 2.70 | 17.6 | 0.7 | 10 |
| J598789 | | 1.02 | 17.75 | 0.18 | 6.0 | 0.031 | 3.50 | 47.8 | 4.1 | 0.02 | 297 | 1.52 | 2.57 | 16.1 | 0.8 | 20 |
| J598790 | | 1.26 | 16.75 | 0.18 | 5.5 | 0.017 | 3.08 | 46.4 | 6.2 | 0.03 | 507 | 2.06 | 2.39 | 14.0 | 0.9 | 20 |
| J598791 | | 1.08 | 15.25 | 0.15 | 5.2 | 0.009 | 1.66 | 41.5 | 7.6 | 0.05 | 602 | 0.91 | 2.94 | 12.4 | 1.4 | 50 |
| J598792 | | 1.02 | 16.75 | 0.15 | 5.1 | 0.007 | 1.31 | 39.4 | 5.7 | 0.07 | 634 | 0.64 | 3.21 | 15.9 | 1.7 | 70 |
| J598793 | | 0.95 | 15.00 | 0.14 | 5.2 | <0.005 | 1.60 | 37.1 | 5.8 | 0.06 | 603 | 0.56 | 3.01 | 14.5 | 1.3 | 60 |
| J598794 | | 1.31 | 16.15 | 0.17 | 5.5 | 0.037 | 3.03 | 41.3 | 10.7 | 0.06 | 540 | 0.67 | 2.34 | 16.0 | 1.4 | 70 |
| J598795 | | 1.04 | 16.15 | 0.16 | 5.2 | 0.008 | 2.09 | 37.9 | 6.8 | 0.06 | 445 | 0.67 | 2.83 | 15.4 | 1.5 | 60 |
| J598796 | | 1.14 | 16.65 | 0.17 | 5.3 | 0.010 | 3.28 | 43.7 | 6.0 | 0.06 | 377 | 0.87 | 2.45 | 15.8 | 1.5 | 60 |
| J598797 | | 1.16 | 16.25 | 0.18 | 5.5 | 0.005 | 3.57 | 43.5 | 2.9 | 0.06 | 248 | 1.02 | 2.28 | 14.0 | 1.3 | 60 |
| J598798 | | 1.13 | 15.75 | 0.18 | 5.0 | 0.008 | 3.56 | 41.8 | 3.0 | 0.06 | 304 | 0.87 | 2.27 | 13.4 | 1.2 | 60 |
| J598799 | | 1.20 | 15.90 | 0.18 | 5.1 | 0.010 | 3.58 | 44.1 | 4.7 | 0.06 | 439 | 1.11 | 2.35 | 13.8 | 1.2 | 70 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598760 | | 4.0 | 142.0 | <0.002 | <0.01 | 0.51 | 5.6 | 1 | 1.9 | 32.3 | 1.71 | <0.05 | 19.7 | 0.058 | 0.50 | 4.4 |
| J598761 | | 4.5 | 141.0 | <0.002 | 0.01 | 0.48 | 5.9 | 1 | 2.1 | 43.6 | 1.32 | <0.05 | 16.5 | 0.060 | 0.48 | 3.8 |
| J598762 | | 4.0 | 137.0 | <0.002 | 0.01 | 0.62 | 6.3 | 1 | 2.1 | 39.4 | 1.24 | <0.05 | 16.4 | 0.056 | 0.50 | 3.6 |
| J598763 | | 3.1 | 135.0 | <0.002 | 0.02 | 0.72 | 6.0 | 1 | 1.9 | 33.3 | 1.26 | <0.05 | 16.3 | 0.048 | 0.51 | 3.5 |
| J598764 | | 25.9 | 104.0 | <0.002 | 0.16 | 0.76 | 5.5 | 1 | 2.0 | 50.9 | 1.17 | <0.05 | 14.8 | 0.051 | 0.36 | 3.7 |
| J598765 | | 12.7 | 115.5 | <0.002 | 0.07 | 0.79 | 6.5 | 1 | 2.2 | 50.9 | 1.08 | <0.05 | 15.7 | 0.052 | 0.43 | 4.0 |
| J598766 | | 12.4 | 112.0 | <0.002 | 0.04 | 0.81 | 6.4 | 1 | 2.3 | 53.3 | 1.40 | <0.05 | 16.4 | 0.049 | 0.41 | 4.9 |
| J598767 | | 9.5 | 120.5 | <0.002 | 0.04 | 0.73 | 5.3 | 1 | 1.9 | 43.7 | 1.39 | <0.05 | 16.7 | 0.041 | 0.45 | 4.1 |
| J598768 | | 5.7 | 135.0 | <0.002 | 0.02 | 0.67 | 5.5 | 1 | 2.2 | 37.1 | 1.64 | <0.05 | 21.7 | 0.043 | 0.50 | 5.3 |
| J598769 | | 4.0 | 136.5 | <0.002 | 0.01 | 0.55 | 5.5 | 1 | 2.1 | 30.2 | 1.23 | <0.05 | 16.3 | 0.045 | 0.54 | 4.1 |
| J598770 | | 6.3 | 125.0 | <0.002 | 0.02 | 0.52 | 5.7 | 1 | 1.9 | 33.4 | 1.01 | <0.05 | 14.5 | 0.054 | 0.51 | 3.5 |
| J598771 | | 7.9 | 125.0 | <0.002 | 0.01 | 0.54 | 7.3 | 1 | 1.9 | 47.8 | 1.25 | <0.05 | 15.5 | 0.079 | 0.50 | 3.9 |
| J598772 | | 33.2 | 136.0 | <0.002 | 0.15 | 0.85 | 6.0 | 1 | 3.0 | 38.3 | 1.19 | <0.05 | 15.9 | 0.049 | 0.57 | 4.1 |
| J598773 | | 162.0 | 122.0 | <0.002 | 0.35 | 1.80 | 5.8 | 1 | 3.4 | 32.9 | 1.29 | <0.05 | 15.8 | 0.048 | 0.49 | 4.1 |
| J598774 | | 52.0 | 135.0 | <0.002 | 0.20 | 1.52 | 5.8 | 1 | 2.5 | 29.0 | 1.30 | <0.05 | 16.9 | 0.045 | 0.58 | 4.6 |
| J598775 | | 12.4 | 65.8 | <0.002 | <0.01 | 0.22 | 5.7 | 1 | 1.7 | 176.5 | 0.50 | <0.05 | 6.3 | 0.112 | 0.38 | 2.3 |
| J598776 | | 18.0 | 128.0 | 0.002 | 0.08 | 0.74 | 3.4 | 1 | 2.5 | 26.5 | 1.47 | <0.05 | 18.7 | 0.044 | 0.66 | 5.4 |
| J598777 | | 12.6 | 123.5 | 0.002 | 0.08 | 0.71 | 3.6 | 1 | 1.8 | 24.1 | 1.30 | <0.05 | 19.5 | 0.044 | 0.66 | 5.2 |
| J598778 | | 15.6 | 129.0 | 0.002 | 0.08 | 0.76 | 3.4 | 1 | 1.9 | 23.6 | 1.31 | <0.05 | 17.9 | 0.044 | 0.67 | 5.1 |
| J598779 | | 25.5 | 127.0 | 0.002 | 0.11 | 0.99 | 3.3 | 1 | 1.6 | 25.5 | 1.35 | <0.05 | 18.2 | 0.043 | 0.64 | 4.8 |
| J598780 | | 25.7 | 124.5 | 0.002 | 0.23 | 0.90 | 3.7 | <1 | 2.1 | 29.9 | 1.24 | <0.05 | 16.8 | 0.045 | 0.63 | 4.6 |
| J598781 | | 7.1 | 125.5 | 0.002 | 0.11 | 0.87 | 3.5 | 1 | 1.6 | 28.2 | 1.24 | <0.05 | 16.1 | 0.046 | 0.62 | 4.6 |
| J598782 | | 25.5 | 137.0 | 0.002 | 0.13 | 1.04 | 3.8 | 1 | 1.7 | 26.0 | 1.28 | <0.05 | 17.6 | 0.046 | 0.71 | 4.8 |
| J598783 | | 7.7 | 123.0 | 0.002 | 0.04 | 0.72 | 3.7 | <1 | 1.6 | 22.0 | 1.22 | <0.05 | 15.7 | 0.046 | 0.60 | 4.8 |
| J598784 | | 18.2 | 131.5 | 0.004 | 0.14 | 1.02 | 3.7 | 1 | 1.8 | 28.7 | 1.36 | <0.05 | 18.1 | 0.046 | 0.69 | 5.7 |
| J598785 | | 9.5 | 125.0 | 0.002 | 0.07 | 0.90 | 3.6 | <1 | 1.6 | 25.4 | 1.26 | <0.05 | 17.1 | 0.050 | 0.65 | 4.3 |
| J598786 | | 10.0 | 125.5 | 0.002 | 0.08 | 0.73 | 3.7 | <1 | 1.7 | 25.5 | 1.31 | <0.05 | 16.6 | 0.048 | 0.63 | 5.1 |
| J598787 | | 6.8 | 125.5 | 0.003 | 0.03 | 0.85 | 3.7 | 1 | 1.7 | 24.0 | 1.20 | <0.05 | 16.8 | 0.046 | 0.63 | 4.1 |
| J598788 | | 6.9 | 121.5 | 0.002 | 0.04 | 0.92 | 3.6 | <1 | 1.8 | 29.2 | 1.32 | <0.05 | 17.9 | 0.045 | 0.59 | 4.2 |
| J598789 | | 12.2 | 113.5 | 0.003 | 0.15 | 0.92 | 3.9 | 1 | 2.2 | 39.0 | 1.19 | <0.05 | 16.8 | 0.049 | 0.56 | 4.5 |
| J598790 | | 11.9 | 97.0 | 0.003 | 0.20 | 1.32 | 3.6 | 1 | 4.0 | 56.7 | 1.09 | <0.05 | 13.9 | 0.054 | 0.55 | 3.7 |
| J598791 | | 6.8 | 63.4 | <0.002 | 0.24 | 1.27 | 3.0 | 1 | 1.9 | 71.6 | 1.16 | <0.05 | 14.6 | 0.072 | 0.31 | 3.5 |
| J598792 | | 6.4 | 58.9 | <0.002 | 0.08 | 1.26 | 3.5 | 1 | 1.7 | 96.2 | 1.41 | <0.05 | 18.9 | 0.075 | 0.27 | 4.5 |
| J598793 | | 6.4 | 59.7 | 0.002 | 0.11 | 1.02 | 3.0 | <1 | 1.9 | 84.9 | 1.37 | <0.05 | 18.6 | 0.071 | 0.28 | 4.4 |
| J598794 | | 9.7 | 94.2 | <0.002 | 0.35 | 1.03 | 3.3 | 1 | 2.8 | 61.8 | 1.42 | <0.05 | 20.5 | 0.071 | 0.47 | 5.5 |
| J598795 | | 11.4 | 73.8 | 0.002 | 0.11 | 1.30 | 3.2 | <1 | 1.8 | 85.2 | 1.40 | <0.05 | 19.1 | 0.072 | 0.33 | 4.9 |
| J598796 | | 22.1 | 103.0 | 0.002 | 0.09 | 2.13 | 3.3 | 1 | 1.5 | 75.2 | 1.36 | <0.05 | 20.8 | 0.063 | 0.47 | 5.3 |
| J598797 | | 6.4 | 106.0 | 0.002 | 0.02 | 1.46 | 3.2 | 1 | 1.3 | 70.2 | 1.24 | <0.05 | 20.3 | 0.056 | 0.50 | 5.5 |
| J598798 | | 8.2 | 108.0 | <0.002 | 0.03 | 1.39 | 3.2 | 1 | 1.8 | 71.4 | 1.22 | <0.05 | 18.9 | 0.058 | 0.56 | 5.3 |
| J598799 | | 11.4 | 100.5 | <0.002 | 0.08 | 1.52 | 3.2 | <1 | 1.6 | 64.0 | 1.23 | <0.05 | 19.8 | 0.064 | 0.53 | 5.2 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|
| J598760 | | <1 | 1.4 | 29.2 | 16 | 195.5 |
| J598761 | | <1 | 1.5 | 25.3 | 18 | 210 |
| J598762 | | <1 | 1.6 | 22.7 | 17 | 189.0 |
| J598763 | | <1 | 1.9 | 24.0 | 14 | 183.0 |
| J598764 | | 1 | 1.7 | 21.3 | 42 | 184.0 |
| J598765 | | 1 | 1.5 | 20.9 | 58 | 197.5 |
| J598766 | | <1 | 1.5 | 21.3 | 40 | 185.5 |
| J598767 | | <1 | 1.7 | 19.8 | 28 | 166.0 |
| J598768 | | <1 | 2.0 | 25.5 | 14 | 192.0 |
| J598769 | | <1 | 1.6 | 19.6 | 12 | 184.0 |
| J598770 | | 1 | 1.2 | 19.9 | 28 | 170.5 |
| J598771 | | 3 | 1.1 | 24.7 | 28 | 201 |
| J598772 | | 1 | 1.9 | 20.9 | 260 | 180.0 |
| J598773 | | 1 | 1.9 | 17.8 | 1190 | 180.0 |
| J598774 | | <1 | 2.1 | 15.8 | 645 | 182.0 |
| J598775 | | 15 | 0.9 | 17.9 | 42 | 30.2 |
| J598776 | | 1 | 3.2 | 20.0 | 87 | 181.5 |
| J598777 | | 1 | 2.2 | 16.6 | 96 | 185.0 |
| J598778 | | 1 | 2.1 | 18.6 | 69 | 181.5 |
| J598779 | | 1 | 1.9 | 17.1 | 96 | 167.0 |
| J598780 | | <1 | 2.1 | 15.5 | 78 | 171.0 |
| J598781 | | 1 | 1.8 | 18.6 | 11 | 177.0 |
| J598782 | | 1 | 1.9 | 18.8 | 110 | 181.5 |
| J598783 | | 1 | 1.9 | 17.3 | 14 | 185.5 |
| J598784 | | <1 | 2.0 | 18.9 | 63 | 169.5 |
| J598785 | | 1 | 1.6 | 20.8 | 35 | 171.5 |
| J598786 | | 1 | 1.6 | 19.4 | 19 | 195.5 |
| J598787 | | <1 | 1.5 | 17.6 | 13 | 178.5 |
| J598788 | | 1 | 1.6 | 18.6 | 22 | 191.0 |
| J598789 | | 1 | 1.4 | 19.6 | 69 | 176.5 |
| J598790 | | 1 | 1.6 | 18.6 | 121 | 159.5 |
| J598791 | | 3 | 1.9 | 16.1 | 79 | 154.0 |
| J598792 | | 4 | 1.4 | 20.8 | 35 | 144.0 |
| J598793 | | 3 | 1.7 | 18.6 | 47 | 144.0 |
| J598794 | | 3 | 2.4 | 20.2 | 575 | 153.0 |
| J598795 | | 3 | 1.5 | 18.6 | 57 | 152.0 |
| J598796 | | 3 | 1.4 | 15.3 | 48 | 160.5 |
| J598797 | | 3 | 1.6 | 16.5 | 19 | 157.0 |
| J598798 | | 3 | 1.1 | 14.7 | 28 | 142.0 |
| J598799 | | 3 | 1.2 | 16.2 | 55 | 146.0 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598800 | | 0.07 | <0.005 | 0.05 | 6.54 | 2.2 | 910 | 0.98 | 0.09 | 1.34 | 0.06 | 28.7 | 2.1 | 10 | 1.51 | 3.6 |
| J598801 | | 1.22 | 0.064 | 0.13 | 5.84 | 157.0 | 800 | 1.51 | 0.11 | 0.48 | 2.63 | 89.3 | 3.2 | 7 | 0.70 | 20.8 |
| J598802 | | 1.12 | 0.070 | 0.09 | 5.88 | 419 | 710 | 1.61 | 0.10 | 0.65 | 0.09 | 85.7 | 3.0 | 9 | 0.66 | 10.6 |
| J598803 | | 1.81 | 0.289 | 0.08 | 5.89 | 188.5 | 720 | 1.56 | 0.07 | 0.53 | 0.05 | 81.4 | 3.1 | 7 | 0.71 | 10.9 |
| J598804 | | 1.78 | 0.122 | 0.09 | 5.60 | 219 | 680 | 1.41 | 0.20 | 0.55 | 0.06 | 80.8 | 2.1 | 12 | 0.60 | 12.8 |
| J598805 | | 1.77 | 0.059 | 0.07 | 6.06 | 291 | 710 | 1.58 | 0.07 | 0.55 | 0.30 | 88.0 | 2.6 | 8 | 0.72 | 6.7 |
| J598806 | | 1.86 | 0.032 | 0.07 | 6.07 | 250 | 680 | 1.66 | 0.09 | 0.62 | 0.12 | 90.0 | 3.3 | 7 | 0.72 | 8.1 |
| J598807 | | 1.68 | 0.045 | 0.14 | 5.61 | 183.5 | 630 | 1.28 | 0.08 | 0.55 | 0.07 | 79.0 | 2.9 | 8 | 0.59 | 8.8 |
| J598808 | | 1.36 | 0.217 | 0.17 | 5.72 | 457 | 660 | 1.40 | 0.11 | 0.59 | 0.07 | 83.2 | 3.5 | 8 | 0.68 | 10.1 |
| J598809 | | 1.12 | 0.392 | 0.20 | 3.68 | 1775 | 260 | 1.57 | 0.15 | 0.08 | 0.09 | 56.2 | 2.3 | 5 | 3.83 | 6.0 |
| J598810 | | 0.71 | 0.334 | 0.26 | 5.57 | 1585 | 530 | 1.97 | 0.17 | 1.41 | 1.15 | 68.2 | 3.3 | 4 | 4.40 | 8.3 |
| J598811 | | 0.62 | 0.052 | 0.13 | 5.48 | 294 | 610 | 1.20 | 0.07 | 0.81 | 0.03 | 82.7 | 2.7 | 8 | 2.57 | 7.0 |
| J598812 | | 1.27 | 0.047 | 0.18 | 5.38 | 242 | 610 | 1.25 | 0.06 | 0.78 | 0.07 | 88.2 | 3.1 | 10 | 2.12 | 8.9 |
| J598813 | | 2.15 | 0.049 | 0.12 | 5.32 | 209 | 580 | 1.44 | 0.08 | 0.60 | 0.08 | 81.8 | 2.2 | 12 | 0.78 | 9.7 |
| J598814 | | 2.10 | 0.035 | 0.12 | 5.44 | 122.5 | 590 | 1.61 | 0.06 | 0.55 | 0.04 | 88.5 | 3.6 | 19 | 0.81 | 10.7 |
| J598815 | | 2.02 | 0.090 | 0.10 | 5.64 | 471 | 610 | 1.78 | 0.04 | 0.54 | <0.02 | 94.2 | 3.6 | 41 | 0.82 | 7.1 |
| J598816 | | 2.03 | 0.045 | 0.12 | 5.56 | 399 | 590 | 1.56 | 0.06 | 0.50 | 0.02 | 92.0 | 2.9 | 10 | 0.75 | 8.7 |
| J598817 | | 1.45 | 1.515 | 0.32 | 5.69 | 1220 | 670 | 1.48 | 0.12 | 0.47 | 0.06 | 87.6 | 3.9 | 11 | 0.84 | 15.9 |
| J598818 | | 1.33 | 0.019 | 0.10 | 5.23 | 129.0 | 430 | 1.69 | 0.03 | 0.59 | 0.04 | 70.9 | 1.3 | 12 | 0.86 | 7.5 |
| J598819 | | 1.63 | 0.043 | 0.11 | 5.76 | 246 | 620 | 1.62 | 0.08 | 0.61 | 0.85 | 94.9 | 2.7 | 12 | 0.99 | 22.2 |
| J598820 | | 2.17 | 0.059 | 0.20 | 5.54 | 400 | 580 | 1.76 | 0.09 | 0.52 | 0.07 | 87.6 | 2.9 | 11 | 0.91 | 12.4 |
| J598821 | | 2.09 | 0.011 | 0.14 | 5.59 | 444 | 620 | 1.60 | 0.09 | 0.51 | 0.06 | 70.8 | 5.0 | 14 | 0.77 | 17.2 |
| J598822 | | 2.37 | 0.035 | 0.20 | 5.62 | 176.5 | 610 | 1.75 | 0.11 | 0.50 | 0.12 | 102.5 | 4.8 | 13 | 0.90 | 50.2 |
| J598823 | | 2.03 | 0.020 | 0.13 | 5.74 | 186.0 | 620 | 1.67 | 0.11 | 0.49 | 0.50 | 94.6 | 3.3 | 12 | 0.92 | 16.7 |
| J598824 | | 0.74 | 0.032 | 0.15 | 5.63 | 159.0 | 610 | 1.74 | 0.14 | 0.48 | 0.51 | 84.8 | 2.7 | 11 | 0.79 | 50.9 |
| J598825 | | 0.56 | 0.018 | 0.20 | 5.87 | 218 | 650 | 1.73 | 0.11 | 0.51 | 0.77 | 87.3 | 3.7 | 10 | 0.82 | 39.7 |
| J598826 | | 1.53 | 0.008 | 0.16 | 5.69 | 108.5 | 690 | 1.84 | 0.15 | 0.57 | 0.13 | 82.2 | 3.3 | 11 | 0.75 | 41.7 |
| J598827 | | 1.30 | 0.082 | 0.28 | 5.82 | 176.5 | 670 | 2.00 | 0.15 | 0.69 | 0.58 | 92.5 | 4.0 | 11 | 0.80 | 83.8 |
| J598828 | | 2.22 | 0.015 | 0.09 | 5.66 | 249 | 610 | 1.69 | 0.07 | 0.49 | 0.02 | 88.0 | 2.1 | 20 | 0.79 | 10.0 |
| J598829 | | 2.25 | 0.117 | 0.12 | 5.57 | 206 | 570 | 1.64 | 0.06 | 0.49 | 0.05 | 81.4 | 2.6 | 12 | 0.73 | 12.5 |
| J598830 | | 2.02 | 0.088 | 0.08 | 5.81 | 91.9 | 590 | 2.00 | 0.04 | 0.53 | 0.02 | 88.1 | 2.5 | 13 | 0.82 | 6.0 |
| J598831 | | 1.57 | 0.019 | 0.15 | 5.66 | 127.0 | 650 | 1.93 | 0.07 | 0.55 | 0.08 | 98.8 | 2.6 | 14 | 0.82 | 20.4 |
| J598832 | | 2.07 | 0.016 | 0.12 | 5.55 | 193.5 | 600 | 1.95 | 0.13 | 0.56 | 0.53 | 84.4 | 4.2 | 14 | 0.82 | 24.3 |
| J598833 | | 1.84 | 0.042 | 0.11 | 5.59 | 135.0 | 600 | 1.72 | 0.15 | 0.53 | 1.54 | 87.3 | 3.7 | 11 | 0.64 | 28.3 |
| J598834 | | 1.09 | 0.009 | 0.07 | 5.67 | 210 | 630 | 1.88 | 0.24 | 0.50 | 0.40 | 91.2 | 2.8 | 12 | 0.79 | 19.6 |
| J598835 | | 1.21 | 0.023 | 0.08 | 5.75 | 209 | 670 | 1.94 | 0.20 | 0.51 | 0.14 | 85.9 | 3.2 | 12 | 0.72 | 18.8 |
| J598836 | | 0.65 | 0.059 | 0.18 | 5.58 | 69.0 | 630 | 2.14 | 0.25 | 0.73 | 2.49 | 140.5 | 7.4 | 13 | 0.79 | 95.2 |
| J598837 | | 0.75 | 0.018 | 0.09 | 5.50 | 109.5 | 820 | 1.58 | 0.12 | 0.54 | 0.26 | 78.9 | 2.3 | 14 | 0.70 | 15.6 |
| J598838 | | 0.81 | 0.151 | 0.35 | 5.50 | 87.2 | 590 | 2.21 | 0.22 | 0.67 | 0.18 | 119.5 | 41.3 | 13 | 1.00 | 227 |
| J598839 | | 1.16 | 0.008 | 0.07 | 5.51 | 105.5 | 760 | 1.84 | 0.07 | 0.71 | 0.09 | 71.4 | 2.8 | 10 | 0.91 | 30.8 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598800 | | 1.47 | 12.75 | 0.12 | 1.1 | 0.016 | 2.26 | 13.4 | 8.9 | 0.18 | 574 | 0.90 | 2.71 | 4.3 | 1.8 | 180 |
| J598801 | | 1.48 | 16.45 | 0.17 | 5.2 | 0.038 | 3.52 | 41.6 | 9.9 | 0.06 | 481 | 1.07 | 1.99 | 15.6 | 1.1 | 60 |
| J598802 | | 1.30 | 15.90 | 0.18 | 4.9 | 0.011 | 3.56 | 40.3 | 9.2 | 0.06 | 595 | 1.31 | 2.05 | 13.9 | 1.1 | 60 |
| J598803 | | 1.22 | 16.15 | 0.18 | 4.6 | 0.014 | 3.69 | 38.4 | 8.7 | 0.06 | 410 | 1.72 | 2.05 | 13.1 | 1.0 | 60 |
| J598804 | | 1.19 | 15.50 | 0.16 | 4.9 | 0.020 | 3.41 | 38.7 | 8.4 | 0.05 | 427 | 1.22 | 2.03 | 13.8 | 1.1 | 60 |
| J598805 | | 1.23 | 16.55 | 0.17 | 5.2 | 0.020 | 3.84 | 43.3 | 7.7 | 0.06 | 529 | 1.59 | 2.20 | 15.4 | 1.2 | 60 |
| J598806 | | 1.24 | 16.40 | 0.18 | 4.9 | 0.011 | 3.57 | 41.5 | 5.9 | 0.06 | 546 | 1.83 | 2.18 | 14.1 | 1.1 | 70 |
| J598807 | | 1.12 | 14.85 | 0.15 | 5.0 | 0.007 | 3.51 | 37.9 | 7.8 | 0.05 | 491 | 1.90 | 2.05 | 14.0 | 0.9 | 60 |
| J598808 | | 1.10 | 15.40 | 0.17 | 4.8 | 0.006 | 3.50 | 40.6 | 8.0 | 0.05 | 317 | 1.54 | 2.10 | 14.1 | 1.3 | 60 |
| J598809 | | 0.87 | 11.15 | 0.13 | 3.3 | 0.013 | 1.88 | 27.4 | 9.7 | 0.07 | 68 | 0.72 | 0.19 | 9.1 | 2.1 | 40 |
| J598810 | | 1.56 | 16.00 | 0.17 | 4.7 | 0.019 | 3.40 | 30.5 | 11.8 | 0.09 | 446 | 2.57 | 0.96 | 12.0 | 1.5 | 60 |
| J598811 | | 1.05 | 14.05 | 0.18 | 4.8 | 0.009 | 3.55 | 39.5 | 7.5 | 0.06 | 355 | 1.32 | 1.85 | 13.7 | 1.3 | 60 |
| J598812 | | 1.16 | 15.55 | 0.19 | 5.2 | 0.013 | 3.39 | 41.2 | 10.2 | 0.07 | 462 | 1.50 | 1.82 | 15.5 | 1.2 | 60 |
| J598813 | | 1.02 | 15.00 | 0.20 | 5.2 | 0.014 | 3.30 | 39.0 | 8.0 | 0.06 | 320 | 1.44 | 2.06 | 14.1 | 1.3 | 60 |
| J598814 | | 1.07 | 15.65 | 0.18 | 4.9 | 0.009 | 3.40 | 42.5 | 5.8 | 0.06 | 238 | 1.48 | 2.19 | 15.4 | 1.4 | 60 |
| J598815 | | 1.17 | 15.00 | 0.22 | 5.0 | 0.005 | 3.40 | 47.0 | 3.3 | 0.06 | 210 | 1.65 | 2.25 | 13.4 | 1.8 | 70 |
| J598816 | | 1.03 | 15.40 | 0.18 | 5.8 | 0.009 | 3.38 | 44.8 | 5.7 | 0.05 | 209 | 1.54 | 2.24 | 16.0 | 1.0 | 60 |
| J598817 | | 1.22 | 15.75 | 0.20 | 5.3 | 0.013 | 3.49 | 42.4 | 10.7 | 0.06 | 185 | 1.75 | 2.12 | 16.3 | 1.3 | 60 |
| J598818 | | 0.91 | 16.15 | 0.18 | 4.5 | 0.038 | 2.38 | 34.4 | 13.9 | 0.08 | 217 | 1.77 | 1.78 | 14.3 | 0.9 | 50 |
| J598819 | | 1.23 | 15.90 | 0.22 | 5.1 | 0.041 | 3.38 | 46.9 | 7.7 | 0.06 | 370 | 1.49 | 2.15 | 15.0 | 1.3 | 70 |
| J598820 | | 1.14 | 16.00 | 0.23 | 5.0 | 0.017 | 3.29 | 42.1 | 5.6 | 0.06 | 347 | 1.57 | 2.24 | 14.8 | 1.2 | 70 |
| J598821 | | 1.15 | 15.10 | 0.20 | 5.1 | 0.019 | 3.39 | 34.7 | 7.9 | 0.06 | 323 | 1.90 | 2.19 | 14.8 | 1.4 | 60 |
| J598822 | | 1.44 | 15.95 | 0.23 | 5.7 | 0.018 | 3.43 | 49.6 | 7.5 | 0.06 | 376 | 2.87 | 2.21 | 15.2 | 1.6 | 60 |
| J598823 | | 1.23 | 15.30 | 0.22 | 5.1 | 0.022 | 3.51 | 45.4 | 5.7 | 0.06 | 456 | 1.83 | 2.19 | 15.2 | 1.3 | 70 |
| J598824 | | 1.22 | 15.60 | 0.20 | 5.0 | 0.026 | 3.33 | 41.3 | 6.9 | 0.06 | 411 | 1.33 | 2.13 | 14.9 | 1.7 | 70 |
| J598825 | | 1.38 | 15.55 | 0.24 | 5.4 | 0.038 | 3.49 | 42.6 | 7.3 | 0.06 | 437 | 1.32 | 2.17 | 14.8 | 1.9 | 60 |
| J598826 | | 1.24 | 14.80 | 0.20 | 4.7 | 0.023 | 3.29 | 39.7 | 8.2 | 0.06 | 335 | 1.01 | 2.21 | 14.9 | 2.0 | 70 |
| J598827 | | 1.61 | 15.35 | 0.24 | 4.7 | 0.045 | 2.97 | 44.6 | 12.8 | 0.07 | 385 | 1.35 | 2.29 | 15.4 | 2.2 | 70 |
| J598828 | | 1.14 | 15.15 | 0.20 | 5.4 | 0.011 | 3.40 | 42.5 | 4.3 | 0.06 | 249 | 1.57 | 2.29 | 14.6 | 1.5 | 70 |
| J598829 | | 1.10 | 14.80 | 0.19 | 4.6 | 0.011 | 3.30 | 39.2 | 4.9 | 0.06 | 208 | 2.27 | 2.31 | 14.5 | 1.2 | 70 |
| J598830 | | 1.19 | 15.80 | 0.20 | 4.8 | 0.009 | 3.42 | 42.6 | 3.7 | 0.06 | 205 | 2.69 | 2.38 | 15.2 | 1.5 | 70 |
| J598831 | | 1.09 | 15.40 | 0.21 | 5.4 | 0.016 | 3.34 | 47.6 | 5.9 | 0.06 | 277 | 1.69 | 2.28 | 15.2 | 1.5 | 70 |
| J598832 | | 1.33 | 15.70 | 0.20 | 4.9 | 0.035 | 2.99 | 40.9 | 8.4 | 0.07 | 278 | 1.73 | 2.28 | 15.0 | 1.5 | 60 |
| J598833 | | 1.37 | 15.00 | 0.20 | 4.5 | 0.049 | 3.20 | 42.1 | 8.2 | 0.06 | 420 | 1.73 | 2.21 | 15.2 | 1.5 | 70 |
| J598834 | | 1.24 | 15.60 | 0.17 | 4.8 | 0.023 | 3.43 | 44.3 | 5.7 | 0.06 | 545 | 1.96 | 2.22 | 15.9 | 1.3 | 60 |
| J598835 | | 1.17 | 16.00 | 0.19 | 4.9 | 0.018 | 3.62 | 41.8 | 5.9 | 0.06 | 430 | 1.33 | 2.21 | 15.7 | 1.6 | 60 |
| J598836 | | 2.13 | 15.55 | 0.28 | 5.0 | 0.089 | 2.54 | 73.3 | 9.6 | 0.07 | 535 | 1.04 | 2.10 | 16.3 | 3.2 | 80 |
| J598837 | | 1.15 | 14.30 | 0.20 | 4.4 | 0.024 | 3.36 | 39.2 | 7.0 | 0.05 | 430 | 1.46 | 2.00 | 14.3 | 2.2 | 60 |
| J598838 | | 2.93 | 17.80 | 0.26 | 4.5 | 0.064 | 2.22 | 62.7 | 14.6 | 0.11 | 477 | 1.50 | 1.82 | 16.2 | 19.4 | 70 |
| J598839 | | 1.00 | 14.45 | 0.16 | 5.0 | 0.016 | 3.04 | 34.5 | 6.0 | 0.05 | 259 | 1.66 | 2.13 | 14.6 | 3.2 | 70 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598800 | | 11.5 | 58.0 | 0.002 | <0.01 | 0.26 | 4.6 | 1 | 1.6 | 181.5 | 0.43 | <0.05 | 5.7 | 0.110 | 0.36 | 2.1 |
| J598801 | | 11.3 | 112.5 | <0.002 | 0.41 | 1.45 | 3.3 | 1 | 2.9 | 55.0 | 1.39 | <0.05 | 20.3 | 0.072 | 0.51 | 5.5 |
| J598802 | | 10.8 | 114.0 | 0.002 | 0.23 | 1.73 | 3.2 | <1 | 2.0 | 58.3 | 1.20 | <0.05 | 17.3 | 0.068 | 0.55 | 4.8 |
| J598803 | | 9.9 | 116.5 | 0.002 | 0.20 | 1.39 | 3.3 | 1 | 1.9 | 60.5 | 1.07 | <0.05 | 16.1 | 0.068 | 0.53 | 4.3 |
| J598804 | | 9.7 | 102.0 | <0.002 | 0.19 | 1.55 | 3.2 | <1 | 2.8 | 54.6 | 1.24 | <0.05 | 17.8 | 0.063 | 0.47 | 5.0 |
| J598805 | | 10.4 | 123.5 | 0.003 | 0.14 | 1.84 | 3.3 | 1 | 1.8 | 59.2 | 1.31 | <0.05 | 19.4 | 0.069 | 0.59 | 5.3 |
| J598806 | | 10.4 | 118.5 | <0.002 | 0.15 | 1.56 | 3.4 | <1 | 2.1 | 60.2 | 1.15 | <0.05 | 18.1 | 0.068 | 0.58 | 4.8 |
| J598807 | | 10.6 | 108.0 | 0.002 | 0.19 | 1.68 | 3.1 | 1 | 1.7 | 47.0 | 1.27 | <0.05 | 18.4 | 0.066 | 0.50 | 4.9 |
| J598808 | | 9.1 | 112.0 | 0.003 | 0.23 | 1.84 | 3.3 | 1 | 1.4 | 49.6 | 1.23 | <0.05 | 18.4 | 0.066 | 0.56 | 5.0 |
| J598809 | | 4.2 | 77.5 | 0.002 | 0.20 | 2.61 | 2.2 | 1 | 1.3 | 8.1 | 0.68 | <0.05 | 10.4 | 0.045 | 0.29 | 3.3 |
| J598810 | | 10.4 | 110.5 | <0.002 | 0.66 | 2.73 | 3.1 | 1 | 2.0 | 31.3 | 0.95 | <0.05 | 14.8 | 0.066 | 0.48 | 4.7 |
| J598811 | | 9.2 | 108.0 | <0.002 | 0.14 | 1.32 | 3.4 | 1 | 1.0 | 43.1 | 1.33 | <0.05 | 17.4 | 0.063 | 0.57 | 4.2 |
| J598812 | | 11.1 | 108.5 | <0.002 | 0.32 | 1.56 | 3.5 | 1 | 1.4 | 42.7 | 1.45 | <0.05 | 18.1 | 0.065 | 0.52 | 5.0 |
| J598813 | | 7.9 | 105.0 | <0.002 | 0.21 | 1.61 | 3.5 | 1 | 1.2 | 47.1 | 1.28 | <0.05 | 18.1 | 0.066 | 0.51 | 4.7 |
| J598814 | | 7.6 | 110.5 | <0.002 | 0.10 | 2.06 | 3.7 | 1 | 1.0 | 49.4 | 1.41 | <0.05 | 17.9 | 0.064 | 0.51 | 4.7 |
| J598815 | | 6.9 | 109.5 | <0.002 | 0.07 | 1.66 | 3.6 | 1 | 0.9 | 50.7 | 1.19 | <0.05 | 17.2 | 0.057 | 0.49 | 4.4 |
| J598816 | | 7.1 | 107.5 | <0.002 | 0.12 | 2.21 | 3.8 | 1 | 1.1 | 45.4 | 1.42 | <0.05 | 19.4 | 0.059 | 0.49 | 4.9 |
| J598817 | | 7.5 | 110.0 | <0.002 | 0.36 | 1.88 | 3.8 | 1 | 1.2 | 45.0 | 1.39 | <0.05 | 18.6 | 0.067 | 0.49 | 5.0 |
| J598818 | | 5.4 | 87.1 | <0.002 | 0.11 | 0.80 | 4.3 | 1 | 2.2 | 55.8 | 1.12 | <0.05 | 20.7 | 0.057 | 0.34 | 4.3 |
| J598819 | | 6.7 | 108.0 | <0.002 | 0.23 | 1.00 | 3.8 | 1 | 1.6 | 51.7 | 1.37 | <0.05 | 17.9 | 0.073 | 0.49 | 5.0 |
| J598820 | | 7.1 | 106.0 | <0.002 | 0.13 | 1.28 | 3.7 | 1 | 1.3 | 53.2 | 1.34 | <0.05 | 18.4 | 0.068 | 0.51 | 4.8 |
| J598821 | | 8.5 | 111.5 | <0.002 | 0.20 | 1.66 | 3.8 | 1 | 1.3 | 48.9 | 1.33 | <0.05 | 17.1 | 0.065 | 0.52 | 4.7 |
| J598822 | | 9.0 | 119.5 | <0.002 | 0.41 | 1.89 | 3.8 | 1 | 1.4 | 51.9 | 1.34 | <0.05 | 18.9 | 0.066 | 0.56 | 4.8 |
| J598823 | | 7.7 | 117.5 | <0.002 | 0.12 | 1.58 | 3.7 | 1 | 1.7 | 49.1 | 1.36 | <0.05 | 18.3 | 0.067 | 0.54 | 4.6 |
| J598824 | | 6.2 | 108.0 | <0.002 | 0.13 | 1.35 | 3.8 | 1 | 2.5 | 49.1 | 1.34 | <0.05 | 17.2 | 0.072 | 0.51 | 4.6 |
| J598825 | | 6.4 | 112.0 | <0.002 | 0.15 | 1.55 | 3.9 | 1 | 2.5 | 50.0 | 1.29 | <0.05 | 18.8 | 0.072 | 0.52 | 4.6 |
| J598826 | | 15.2 | 105.5 | <0.002 | 0.23 | 1.46 | 3.8 | 1 | 2.2 | 57.0 | 1.26 | <0.05 | 16.8 | 0.072 | 0.46 | 4.6 |
| J598827 | | 31.8 | 98.8 | <0.002 | 0.54 | 1.51 | 3.9 | 1 | 3.0 | 51.9 | 1.32 | <0.05 | 18.3 | 0.070 | 0.42 | 4.8 |
| J598828 | | 5.3 | 111.0 | <0.002 | 0.07 | 1.60 | 3.7 | 1 | 1.3 | 47.8 | 1.30 | <0.05 | 18.1 | 0.065 | 0.47 | 4.8 |
| J598829 | | 7.1 | 109.5 | <0.002 | 0.10 | 1.97 | 3.6 | 1 | 1.2 | 44.5 | 1.27 | <0.05 | 17.3 | 0.065 | 0.46 | 4.7 |
| J598830 | | 5.3 | 115.5 | <0.002 | 0.04 | 1.49 | 3.8 | 1 | 1.2 | 49.8 | 1.31 | <0.05 | 17.9 | 0.063 | 0.49 | 4.2 |
| J598831 | | 10.3 | 111.5 | <0.002 | 0.14 | 1.98 | 3.8 | 1 | 1.5 | 55.7 | 1.32 | <0.05 | 18.6 | 0.067 | 0.50 | 5.2 |
| J598832 | | 7.4 | 98.3 | <0.002 | 0.31 | 1.35 | 4.2 | 1 | 2.8 | 46.8 | 1.38 | <0.05 | 17.6 | 0.064 | 0.45 | 4.8 |
| J598833 | | 10.3 | 97.7 | <0.002 | 0.36 | 1.28 | 3.8 | 1 | 2.7 | 46.8 | 1.30 | <0.05 | 17.7 | 0.068 | 0.47 | 4.6 |
| J598834 | | 8.4 | 107.0 | <0.002 | 0.18 | 1.36 | 3.7 | 1 | 1.7 | 55.4 | 1.44 | <0.05 | 19.4 | 0.067 | 0.53 | 4.9 |
| J598835 | | 10.4 | 110.5 | <0.002 | 0.16 | 1.27 | 4.0 | 1 | 1.9 | 65.5 | 1.38 | <0.05 | 17.5 | 0.069 | 0.54 | 4.7 |
| J598836 | | 10.1 | 83.3 | 0.002 | 0.63 | 0.97 | 5.1 | 1 | 5.9 | 58.8 | 1.34 | <0.05 | 21.7 | 0.071 | 0.40 | 4.8 |
| J598837 | | 10.2 | 102.5 | <0.002 | 0.13 | 1.16 | 3.4 | 1 | 2.7 | 62.4 | 1.27 | <0.05 | 16.8 | 0.066 | 0.49 | 4.5 |
| J598838 | | 13.6 | 86.7 | <0.002 | 1.26 | 0.97 | 4.3 | 1 | 8.1 | 52.4 | 1.34 | <0.05 | 18.0 | 0.069 | 0.35 | 7.3 |
| J598839 | | 27.9 | 91.6 | <0.002 | 0.16 | 1.39 | 3.6 | 1 | 1.3 | 92.1 | 1.28 | <0.05 | 16.2 | 0.059 | 0.44 | 4.4 |

***** 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.**
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**Finalized Date: 29-FEB-2012**
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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|
| J598800 | | 15 | 0.9 | 16.2 | 43 | 26.4 |
| J598801 | | 3 | 2.6 | 21.3 | 808 | 155.0 |
| J598802 | | 3 | 2.2 | 18.4 | 57 | 140.0 |
| J598803 | | 3 | 2.4 | 17.3 | 40 | 138.5 |
| J598804 | | 3 | 2.3 | 17.7 | 43 | 135.0 |
| J598805 | | 3 | 2.4 | 18.2 | 127 | 154.5 |
| J598806 | | 3 | 1.7 | 17.4 | 83 | 146.0 |
| J598807 | | 3 | 2.6 | 16.2 | 48 | 138.5 |
| J598808 | | 3 | 2.3 | 14.9 | 42 | 138.0 |
| J598809 | | 2 | 3.9 | 9.6 | 48 | 104.0 |
| J598810 | | 3 | 4.1 | 15.9 | 434 | 131.0 |
| J598811 | | 3 | 2.1 | 17.1 | 19 | 128.5 |
| J598812 | | 3 | 2.9 | 22.2 | 35 | 139.0 |
| J598813 | | 3 | 2.1 | 18.7 | 42 | 150.5 |
| J598814 | | 3 | 1.6 | 16.9 | 41 | 133.0 |
| J598815 | | 3 | 1.4 | 17.1 | 21 | 141.5 |
| J598816 | | 3 | 2.3 | 17.3 | 33 | 157.5 |
| J598817 | | 3 | 3.8 | 18.8 | 39 | 151.5 |
| J598818 | | 4 | 4.6 | 15.3 | 33 | 122.5 |
| J598819 | | 3 | 1.9 | 22.1 | 242 | 141.0 |
| J598820 | | 3 | 2.1 | 21.4 | 45 | 137.5 |
| J598821 | | 3 | 2.1 | 18.2 | 47 | 141.0 |
| J598822 | | 3 | 1.7 | 20.1 | 72 | 161.5 |
| J598823 | | 3 | 1.5 | 21.4 | 176 | 132.0 |
| J598824 | | 3 | 1.6 | 21.6 | 181 | 143.5 |
| J598825 | | 3 | 1.6 | 21.4 | 255 | 152.5 |
| J598826 | | 4 | 1.6 | 18.6 | 66 | 138.0 |
| J598827 | | 3 | 2.3 | 24.2 | 221 | 129.5 |
| J598828 | | 3 | 1.3 | 20.9 | 26 | 154.0 |
| J598829 | | 3 | 1.5 | 20.4 | 59 | 128.5 |
| J598830 | | 3 | 1.2 | 21.9 | 21 | 133.5 |
| J598831 | | 3 | 1.3 | 23.0 | 54 | 157.0 |
| J598832 | | 3 | 2.1 | 21.7 | 166 | 132.0 |
| J598833 | | 3 | 2.2 | 20.3 | 433 | 128.5 |
| J598834 | | 3 | 1.5 | 24.3 | 148 | 129.0 |
| J598835 | | 3 | 1.5 | 20.2 | 68 | 136.5 |
| J598836 | | 4 | 3.1 | 31.6 | 747 | 137.0 |
| J598837 | | 3 | 1.8 | 19.9 | 100 | 120.5 |
| J598838 | | 4 | 3.3 | 29.5 | 89 | 122.5 |
| J598839 | | 3 | 1.5 | 13.6 | 69 | 136.0 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598840 | | 1.43 | 0.023 | 0.01 | 5.40 | 148.0 | 760 | 1.53 | 0.07 | 0.59 | 0.03 | 107.0 | 4.0 | 15 | 0.82 | 10.1 |
| J598841 | | 1.74 | 0.007 | 0.12 | 5.42 | 113.0 | 700 | 1.67 | 0.07 | 0.50 | 0.03 | 85.8 | 3.2 | 11 | 0.85 | 8.8 |
| J598842 | | 1.65 | 0.008 | 0.05 | 5.55 | 92.7 | 710 | 1.94 | 0.08 | 0.56 | 0.05 | 96.1 | 3.3 | 17 | 0.85 | 9.7 |
| J598843 | | 1.18 | 0.205 | 0.26 | 5.30 | 64.0 | 590 | 1.86 | 0.27 | 0.91 | 0.80 | 72.8 | 10.2 | 12 | 0.77 | 175.0 |
| J598844 | | 1.23 | 0.021 | 0.07 | 5.42 | 83.9 | 680 | 1.84 | 0.08 | 0.50 | 0.05 | 82.0 | 3.1 | 12 | 0.75 | 8.7 |
| J598845 | | 1.19 | 0.017 | 0.03 | 5.67 | 63.7 | 650 | 1.90 | 0.06 | 0.54 | 0.04 | 82.9 | 2.5 | 13 | 0.77 | 8.0 |
| J598846 | | 2.00 | 0.041 | 0.07 | 5.62 | 161.5 | 650 | 1.83 | 0.07 | 0.52 | 0.08 | 91.5 | 3.0 | 13 | 0.83 | 11.1 |
| J598847 | | 2.15 | 0.019 | 0.08 | 5.92 | 136.5 | 670 | 1.82 | 0.09 | 0.58 | 0.09 | 99.2 | 2.2 | 14 | 0.62 | 12.3 |
| J598848 | | 2.12 | 0.012 | 0.11 | 5.69 | 147.0 | 760 | 2.13 | 0.17 | 0.73 | 0.59 | 82.7 | 3.2 | 11 | 0.57 | 16.3 |
| J598849 | | 2.14 | 0.007 | 0.09 | 5.68 | 255 | 820 | 1.82 | 0.15 | 0.61 | 0.28 | 78.9 | 3.2 | 11 | 0.68 | 12.0 |
| J598850 | | 0.03 | 1.365 | 0.79 | 8.16 | 3.6 | 100 | 1.98 | 0.61 | 0.90 | 0.13 | 15.40 | 8.1 | 28 | 19.10 | 13.1 |
| J598851 | | 2.17 | 0.038 | 0.13 | 5.61 | 51.9 | 710 | 1.35 | 0.21 | 0.63 | 0.93 | 71.3 | 2.9 | 12 | 0.55 | 26.8 |
| J598852 | | 1.45 | 0.014 | 0.15 | 5.61 | 39.2 | 770 | 1.29 | 0.37 | 0.62 | 1.83 | 77.0 | 3.1 | 13 | 0.60 | 55.3 |
| J598853 | | 1.10 | 0.089 | 0.64 | 5.54 | 42.3 | 310 | 1.44 | 0.82 | 2.57 | 10.10 | 93.0 | 6.0 | 17 | 0.78 | 297 |
| J598854 | | 1.06 | 0.145 | 0.56 | 4.92 | 37.8 | 490 | 1.37 | 1.36 | 4.15 | 17.55 | 70.1 | 7.7 | 9 | 0.68 | 263 |
| J598855 | | 1.63 | 0.041 | 0.33 | 5.94 | 161.5 | 680 | 1.59 | 0.18 | 0.53 | 1.19 | 63.0 | 2.1 | 18 | 0.49 | 65.1 |
| J598856 | | 1.47 | 0.040 | 0.18 | 5.97 | 185.0 | 680 | 1.76 | 0.13 | 0.68 | 0.60 | 57.8 | 2.3 | 17 | 0.48 | 28.5 |
| J598857 | | 2.09 | 0.022 | 0.11 | 6.09 | 131.0 | 670 | 2.06 | 0.08 | 0.60 | 0.12 | 55.6 | 3.7 | 18 | 0.57 | 11.3 |
| J598858 | | 2.15 | 0.045 | 0.09 | 6.27 | 77.2 | 860 | 1.71 | 0.08 | 0.60 | 0.11 | 87.5 | 2.7 | 13 | 0.64 | 7.9 |
| J598859 | | 1.40 | 0.112 | 0.04 | 6.16 | 809 | 520 | 2.10 | 0.08 | 0.26 | 0.27 | 95.1 | 3.4 | 11 | 0.84 | 6.2 |
| J598860 | | 1.53 | 0.089 | 0.04 | 5.92 | 933 | 360 | 2.54 | 0.09 | 0.30 | 0.08 | 92.5 | 3.5 | 7 | 0.99 | 9.4 |
| J598861 | | 1.40 | 0.324 | 0.11 | 6.61 | 80.8 | 670 | 2.66 | 0.17 | 0.55 | 0.05 | 103.0 | 3.6 | 13 | 0.99 | 14.6 |
| J598862 | | 1.09 | 0.105 | 0.10 | 5.68 | 65.2 | 730 | 1.43 | 0.12 | 0.55 | 0.07 | 97.8 | 2.9 | 12 | 0.79 | 20.5 |
| J598863 | | 1.10 | 0.028 | 0.05 | 5.91 | 62.4 | 660 | 2.03 | 0.06 | 0.55 | <0.02 | 87.7 | 2.8 | 13 | 0.72 | 11.2 |
| J598864 | | 1.16 | 0.023 | 0.14 | 6.02 | 58.4 | 780 | 1.81 | 0.06 | 0.56 | 0.07 | 116.5 | 2.4 | 11 | 0.74 | 16.6 |
| J598865 | | 1.92 | 0.028 | 0.08 | 6.23 | 71.8 | 630 | 1.96 | 0.07 | 0.65 | 0.11 | 94.0 | 2.1 | 11 | 0.71 | 13.3 |
| J598866 | | 1.48 | 0.052 | 0.07 | 6.08 | 57.8 | 650 | 1.82 | 0.09 | 0.58 | 0.18 | 87.6 | 2.3 | 12 | 0.65 | 12.9 |
| J598867 | | 2.02 | 0.014 | 0.04 | 6.19 | 24.0 | 660 | 2.22 | 0.06 | 0.53 | <0.02 | 89.1 | 1.6 | 12 | 0.66 | 8.4 |
| J598868 | | 2.21 | 0.006 | 0.04 | 6.12 | 8.5 | 640 | 1.91 | 0.05 | 0.50 | 0.02 | 88.6 | 1.7 | 16 | 0.71 | 5.0 |

***** 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

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


**Finalized Date: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| Sample Description | Method | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Fe | Ga | Ge | Hf | In | K | La | Li | Mg | Mn | Mo | Na | Nb | Ni | P |
| | Units | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | % | ppm | ppm | ppm |
| | LOR | 0.01 | 0.05 | 0.05 | 0.1 | 0.005 | 0.01 | 0.5 | 0.2 | 0.01 | 5 | 0.05 | 0.01 | 0.1 | 0.2 | 10 |
| J598840 | | 1.13 | 14.95 | 0.21 | 4.4 | 0.012 | 3.22 | 51.5 | 5.4 | 0.07 | 291 | 1.57 | 2.10 | 14.5 | 2.8 | 80 |
| J598841 | | 1.23 | 14.95 | 0.18 | 5.0 | 0.009 | 3.27 | 42.8 | 4.6 | 0.06 | 242 | 2.51 | 2.16 | 14.8 | 1.8 | 60 |
| J598842 | | 1.16 | 16.25 | 0.22 | 5.2 | 0.019 | 3.31 | 46.4 | 4.3 | 0.06 | 355 | 1.75 | 2.20 | 16.5 | 3.0 | 60 |
| J598843 | | 2.76 | 15.90 | 0.21 | 4.5 | 0.076 | 2.13 | 36.9 | 7.8 | 0.08 | 1070 | 1.12 | 2.16 | 15.2 | 34.8 | 80 |
| J598844 | | 1.06 | 15.40 | 0.19 | 4.3 | 0.019 | 3.45 | 39.8 | 4.5 | 0.05 | 423 | 1.92 | 2.13 | 13.9 | 1.7 | 60 |
| J598845 | | 1.19 | 15.25 | 0.17 | 5.0 | 0.017 | 3.31 | 40.4 | 4.4 | 0.06 | 315 | 2.99 | 2.31 | 15.6 | 1.6 | 60 |
| J598846 | | 1.24 | 15.50 | 0.20 | 4.9 | 0.022 | 3.33 | 45.0 | 5.8 | 0.06 | 371 | 3.54 | 2.26 | 15.2 | 1.8 | 60 |
| J598847 | | 1.17 | 16.45 | 0.18 | 5.3 | 0.036 | 3.44 | 48.3 | 6.7 | 0.06 | 390 | 2.27 | 2.42 | 14.5 | 2.8 | 60 |
| J598848 | | 1.57 | 16.00 | 0.16 | 5.1 | 0.051 | 2.81 | 41.6 | 5.5 | 0.06 | 513 | 1.21 | 2.46 | 14.0 | 5.7 | 70 |
| J598849 | | 1.20 | 16.15 | 0.17 | 4.8 | 0.030 | 3.22 | 39.1 | 6.5 | 0.06 | 423 | 1.21 | 2.37 | 14.1 | 3.4 | 60 |
| J598850 | | 3.97 | 19.80 | 0.14 | 1.4 | 0.013 | 2.54 | 7.6 | 4.8 | 0.89 | 236 | 1.03 | 5.18 | 8.7 | 30.6 | 690 |
| J598851 | | 1.39 | 14.80 | 0.16 | 5.1 | 0.067 | 2.72 | 35.6 | 8.9 | 0.05 | 469 | 1.29 | 2.57 | 13.0 | 3.4 | 70 |
| J598852 | | 1.45 | 15.20 | 0.17 | 5.1 | 0.147 | 3.03 | 38.5 | 9.7 | 0.05 | 506 | 1.35 | 2.34 | 13.6 | 3.7 | 70 |
| J598853 | | 3.92 | 16.45 | 0.20 | 4.7 | 0.932 | 1.89 | 52.2 | 7.5 | 0.10 | 753 | 0.90 | 2.32 | 12.9 | 53.8 | 80 |
| J598854 | | 4.17 | 16.75 | 0.19 | 4.6 | 1.755 | 1.84 | 35.8 | 7.3 | 0.09 | 3120 | 0.62 | 1.89 | 12.9 | 45.6 | 60 |
| J598855 | | 1.16 | 18.05 | 0.17 | 6.7 | 0.135 | 3.14 | 28.7 | 5.7 | 0.05 | 284 | 1.68 | 2.58 | 20.5 | 2.6 | 30 |
| J598856 | | 1.13 | 16.80 | 0.16 | 5.8 | 0.048 | 3.10 | 25.0 | 4.1 | 0.03 | 366 | 1.76 | 2.63 | 16.6 | 2.0 | 30 |
| J598857 | | 1.16 | 18.65 | 0.16 | 5.5 | 0.026 | 3.14 | 25.0 | 3.5 | 0.04 | 291 | 1.90 | 2.67 | 16.2 | 12.1 | 30 |
| J598858 | | 1.21 | 17.20 | 0.21 | 5.2 | 0.016 | 3.81 | 43.5 | 5.2 | 0.06 | 343 | 2.09 | 2.39 | 14.0 | 3.1 | 60 |
| J598859 | | 1.20 | 18.45 | 0.21 | 6.0 | 0.050 | 3.17 | 47.0 | 12.4 | 0.12 | 113 | 3.09 | 0.50 | 16.1 | 2.4 | 80 |
| J598860 | | 1.20 | 18.40 | 0.21 | 5.3 | 0.039 | 2.79 | 46.2 | 15.1 | 0.14 | 101 | 1.60 | 0.30 | 14.2 | 4.7 | 70 |
| J598861 | | 1.57 | 19.30 | 0.22 | 6.6 | 0.027 | 3.51 | 51.1 | 12.2 | 0.10 | 118 | 2.75 | 1.16 | 15.2 | 5.2 | 80 |
| J598862 | | 1.23 | 16.55 | 0.22 | 5.0 | 0.025 | 3.64 | 48.4 | 12.4 | 0.07 | 174 | 2.45 | 1.64 | 13.0 | 1.3 | 70 |
| J598863 | | 1.36 | 16.90 | 0.20 | 5.6 | 0.012 | 3.46 | 42.6 | 4.2 | 0.06 | 187 | 2.38 | 2.33 | 14.8 | 1.5 | 70 |
| J598864 | | 1.10 | 16.80 | 0.24 | 5.4 | 0.017 | 3.85 | 56.9 | 7.9 | 0.06 | 193 | 1.76 | 2.13 | 13.8 | 1.5 | 70 |
| J598865 | | 1.19 | 17.35 | 0.20 | 5.8 | 0.019 | 3.65 | 46.0 | 6.3 | 0.06 | 216 | 1.76 | 2.48 | 15.7 | 1.8 | 70 |
| J598866 | | 1.22 | 16.90 | 0.21 | 5.8 | 0.019 | 3.68 | 43.2 | 6.5 | 0.06 | 213 | 2.18 | 2.42 | 14.7 | 1.4 | 60 |
| J598867 | | 1.21 | 17.55 | 0.22 | 5.4 | 0.013 | 3.68 | 43.7 | 3.5 | 0.06 | 175 | 2.86 | 2.52 | 14.4 | 1.3 | 60 |
| J598868 | | 1.22 | 17.00 | 0.20 | 5.7 | 0.015 | 3.60 | 43.4 | 2.8 | 0.06 | 161 | 4.16 | 2.55 | 14.7 | 1.4 | 70 |

***** 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

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**1 RICHMOND STREET WEST**
**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J598840 | | 5.3 | 98.2 | <0.002 | 0.07 | 0.99 | 4.0 | 1 | 1.2 | 76.0 | 1.22 | <0.05 | 17.0 | 0.065 | 0.47 | 4.4 |
| J598841 | | 5.3 | 101.0 | <0.002 | 0.06 | 1.21 | 3.7 | 1 | 1.2 | 63.5 | 1.36 | <0.05 | 18.0 | 0.064 | 0.50 | 4.8 |
| J598842 | | 6.0 | 107.0 | <0.002 | 0.05 | 1.13 | 3.8 | 1 | 1.7 | 74.6 | 1.45 | <0.05 | 19.9 | 0.061 | 0.48 | 5.1 |
| J598843 | | 7.9 | 76.7 | <0.002 | 0.75 | 0.87 | 3.2 | 1 | 6.1 | 61.1 | 1.26 | <0.05 | 15.9 | 0.061 | 0.33 | 5.3 |
| J598844 | | 5.0 | 103.5 | <0.002 | 0.07 | 0.99 | 3.6 | 1 | 1.6 | 72.2 | 1.17 | <0.05 | 15.9 | 0.060 | 0.48 | 4.1 |
| J598845 | | 4.6 | 98.8 | <0.002 | 0.06 | 1.05 | 3.7 | 1 | 1.6 | 68.0 | 1.45 | <0.05 | 17.9 | 0.062 | 0.42 | 4.8 |
| J598846 | | 18.2 | 103.0 | <0.002 | 0.12 | 1.05 | 3.8 | 1 | 1.8 | 65.7 | 1.36 | <0.05 | 18.9 | 0.067 | 0.44 | 4.7 |
| J598847 | | 16.0 | 114.0 | <0.002 | 0.12 | 0.88 | 3.7 | 1 | 2.3 | 65.2 | 1.38 | <0.05 | 20.0 | 0.071 | 0.49 | 5.0 |
| J598848 | | 8.0 | 96.3 | <0.002 | 0.22 | 0.71 | 3.7 | 1 | 2.6 | 85.8 | 1.38 | <0.05 | 18.2 | 0.071 | 0.45 | 4.8 |
| J598849 | | 8.1 | 109.5 | <0.002 | 0.13 | 0.75 | 3.9 | 1 | 1.9 | 80.9 | 1.36 | <0.05 | 17.3 | 0.068 | 0.53 | 4.5 |
| J598850 | | 78.4 | 580 | <0.002 | 3.12 | 1.31 | 3.2 | 1 | 1.0 | 168.5 | 0.78 | <0.05 | 2.5 | 0.219 | 6.37 | 1.2 |
| J598851 | | 8.0 | 91.2 | <0.002 | 0.30 | 0.89 | 3.3 | 1 | 2.6 | 68.4 | 1.36 | <0.05 | 16.2 | 0.064 | 0.42 | 4.5 |
| J598852 | | 7.5 | 105.0 | <0.002 | 0.37 | 0.76 | 3.5 | 1 | 3.3 | 86.7 | 1.34 | <0.05 | 17.0 | 0.071 | 0.47 | 4.5 |
| J598853 | | 11.5 | 83.6 | <0.002 | 1.53 | 0.56 | 3.3 | 1 | 11.7 | 78.9 | 1.17 | <0.05 | 16.4 | 0.067 | 0.35 | 11.6 |
| J598854 | | 9.4 | 74.4 | <0.002 | 1.99 | 0.52 | 3.4 | 2 | 13.2 | 138.0 | 1.31 | <0.05 | 15.0 | 0.061 | 0.31 | 7.2 |
| J598855 | | 13.5 | 112.0 | <0.002 | 0.28 | 1.38 | 2.9 | 1 | 5.8 | 78.0 | 2.34 | <0.05 | 29.1 | 0.044 | 0.48 | 8.7 |
| J598856 | | 14.9 | 102.5 | <0.002 | 0.18 | 1.34 | 2.9 | 1 | 2.5 | 76.7 | 2.08 | <0.05 | 24.7 | 0.042 | 0.46 | 7.1 |
| J598857 | | 8.0 | 102.0 | <0.002 | 0.14 | 0.91 | 3.7 | 1 | 2.3 | 80.9 | 2.05 | <0.05 | 26.6 | 0.036 | 0.48 | 8.1 |
| J598858 | | 10.1 | 121.0 | 0.002 | 0.12 | 0.68 | 4.0 | 1 | 1.5 | 82.4 | 1.33 | <0.05 | 17.6 | 0.071 | 0.57 | 4.5 |
| J598859 | | 8.4 | 132.5 | <0.002 | 0.25 | 0.93 | 4.5 | 1 | 2.1 | 19.5 | 1.50 | <0.05 | 20.0 | 0.082 | 0.45 | 5.6 |
| J598860 | | 12.4 | 126.5 | <0.002 | 0.36 | 0.68 | 4.1 | 1 | 1.9 | 14.5 | 1.40 | <0.05 | 18.9 | 0.075 | 0.39 | 5.2 |
| J598861 | | 10.2 | 140.5 | <0.002 | 0.64 | 0.39 | 4.7 | 1 | 1.9 | 46.5 | 1.51 | <0.05 | 21.2 | 0.084 | 0.46 | 5.9 |
| J598862 | | 10.0 | 128.0 | <0.002 | 0.48 | 0.50 | 4.3 | 1 | 1.9 | 45.3 | 1.34 | <0.05 | 21.0 | 0.067 | 0.49 | 5.0 |
| J598863 | | 5.3 | 122.5 | <0.002 | 0.10 | 0.86 | 4.0 | 1 | 1.4 | 54.1 | 1.51 | <0.05 | 19.4 | 0.060 | 0.51 | 5.2 |
| J598864 | | 17.5 | 130.5 | <0.002 | 0.15 | 0.81 | 3.9 | 1 | 1.6 | 57.3 | 1.38 | <0.05 | 21.2 | 0.064 | 0.52 | 4.9 |
| J598865 | | 25.2 | 124.5 | <0.002 | 0.12 | 0.80 | 3.9 | 1 | 1.5 | 62.2 | 1.66 | <0.05 | 19.5 | 0.065 | 0.49 | 5.2 |
| J598866 | | 31.8 | 124.5 | <0.002 | 0.13 | 0.85 | 3.9 | 1 | 1.5 | 62.0 | 1.48 | <0.05 | 19.1 | 0.059 | 0.47 | 5.1 |
| J598867 | | 6.5 | 132.5 | <0.002 | 0.02 | 0.84 | 4.2 | 1 | 1.5 | 54.8 | 1.40 | <0.05 | 19.2 | 0.059 | 0.47 | 4.7 |
| J598868 | | 8.4 | 138.0 | <0.002 | 0.01 | 0.66 | 3.9 | 1 | 1.5 | 47.2 | 1.48 | <0.05 | 18.9 | 0.069 | 0.50 | 4.8 |

***** 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 TB12031916

| 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 |
|---|---|---|---|---|---|---|
| J598840 | | 3 | 1.4 | 20.1 | 34 | 125.5 |
| J598841 | | 3 | 1.9 | 19.2 | 30 | 135.5 |
| J598842 | | 3 | 1.6 | 23.3 | 40 | 140.0 |
| J598843 | | 4 | 4.8 | 25.0 | 244 | 121.0 |
| J598844 | | 3 | 1.6 | 18.0 | 41 | 121.5 |
| J598845 | | 3 | 1.7 | 19.9 | 41 | 132.0 |
| J598846 | | 3 | 1.8 | 22.5 | 69 | 135.0 |
| J598847 | | 3 | 1.7 | 23.5 | 61 | 146.0 |
| J598848 | | 3 | 1.8 | 21.1 | 187 | 141.0 |
| J598849 | | 3 | 1.6 | 19.5 | 111 | 135.5 |
| J598850 | | 27 | 0.2 | 5.0 | 38 | 46.0 |
| J598851 | | 3 | 1.9 | 15.4 | 264 | 140.5 |
| J598852 | | 3 | 2.5 | 15.5 | 521 | 147.5 |
| J598853 | | 5 | 3.3 | 27.3 | 2680 | 131.0 |
| J598854 | | 5 | 3.7 | 38.2 | 4500 | 124.0 |
| J598855 | | 2 | 2.4 | 20.0 | 404 | 154.5 |
| J598856 | | 1 | 1.9 | 19.8 | 215 | 129.5 |
| J598857 | | 1 | 1.7 | 18.9 | 76 | 118.5 |
| J598858 | | 3 | 1.8 | 17.4 | 65 | 144.5 |
| J598859 | | 3 | 6.9 | 17.1 | 74 | 168.5 |
| J598860 | | 3 | 6.8 | 15.5 | 39 | 146.5 |
| J598861 | | 4 | 8.5 | 18.6 | 23 | 189.0 |
| J598862 | | 3 | 5.2 | 17.1 | 35 | 142.5 |
| J598863 | | 3 | 1.7 | 19.3 | 20 | 150.5 |
| J598864 | | 3 | 2.3 | 18.3 | 30 | 150.0 |
| J598865 | | 3 | 1.6 | 20.7 | 38 | 161.5 |
| J598866 | | 3 | 1.8 | 18.6 | 50 | 157.5 |
| J598867 | | 3 | 1.2 | 21.1 | 20 | 152.5 |
| J598868 | | 3 | 1.4 | 24.9 | 18 | 155.5 |

***** 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: 29-FEB-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12031916

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