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: 7-APR-2012**
**Account: RRRTPK**

# CERTIFICATE TB12062277

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 199 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 21-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 | |
| Au-AA23 | Au 30g FA-AA finish | AAS |

To: **RAINY RIVER RESOURCES LTD.**
**ATTN: DARRELL HYDE**
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**TORONTO ON M5H 3W4**

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 TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599695 | | 2.00 | <0.005 | 0.07 | 6.00 | 5.3 | 820 | 1.80 | 0.08 | 0.45 | <0.02 | 99.6 | 1.2 | 10 | 0.40 | 1.5 |
| J599696 | | 1.54 | <0.005 | 0.07 | 6.05 | 8.8 | 920 | 1.94 | 0.08 | 0.43 | 0.03 | 106.0 | 0.9 | 21 | 0.36 | 2.3 |
| J599697 | | 1.72 | 0.008 | 0.09 | 6.22 | 6.8 | 900 | 2.24 | 0.11 | 0.45 | <0.02 | 113.5 | 1.5 | 9 | 0.44 | 1.7 |
| J599698 | | 2.00 | <0.005 | 0.07 | 6.19 | 5.3 | 880 | 2.24 | 0.07 | 0.50 | 0.04 | 111.5 | 1.3 | 9 | 0.42 | 2.6 |
| J599699 | | 1.87 | <0.005 | 0.08 | 5.92 | 5.1 | 880 | 1.87 | 0.07 | 0.35 | 0.02 | 104.0 | 0.9 | 10 | 0.41 | 2.7 |
| J599700 | | 1.63 | <0.005 | 0.10 | 5.86 | 3.9 | 820 | 1.81 | 0.07 | 0.54 | 0.02 | 109.5 | 0.7 | 10 | 0.36 | 2.3 |
| J599701 | | 1.73 | <0.005 | 0.06 | 6.10 | 4.0 | 700 | 2.24 | 0.04 | 0.80 | <0.02 | 68.9 | 1.0 | 8 | 0.39 | 3.3 |
| J599702 | | 1.73 | <0.005 | 0.04 | 5.88 | 4.7 | 740 | 2.00 | 0.04 | 0.55 | <0.02 | 86.1 | 0.7 | 10 | 0.32 | 1.9 |
| J599703 | | 1.80 | <0.005 | 0.08 | 6.00 | 4.3 | 890 | 2.04 | 0.05 | 0.40 | <0.02 | 113.0 | 0.9 | 10 | 0.38 | 2.3 |
| J599704 | | 1.89 | <0.005 | 0.08 | 5.97 | 3.4 | 970 | 1.99 | 0.04 | 0.52 | <0.02 | 108.5 | 1.0 | 14 | 0.33 | 2.7 |
| J599705 | | 1.86 | <0.005 | 0.03 | 6.01 | 4.3 | 970 | 2.57 | 0.06 | 0.54 | <0.02 | 123.5 | 1.1 | 12 | 0.32 | 2.8 |
| J599706 | | 0.96 | <0.005 | 0.06 | 5.88 | 7.0 | 920 | 1.65 | 0.04 | 0.38 | <0.02 | 81.0 | 1.4 | 18 | 0.36 | 3.1 |
| J599707 | | 1.81 | <0.005 | 0.03 | 5.85 | 21.9 | 1020 | 1.58 | 0.10 | 0.65 | 0.02 | 90.5 | 1.7 | 12 | 0.28 | 2.4 |
| J599708 | | 1.05 | 0.055 | 0.03 | 6.29 | 1230 | 800 | 1.70 | 0.13 | 0.83 | 0.04 | 104.5 | 4.0 | 12 | 0.46 | 5.9 |
| J599709 | | 1.30 | 0.047 | 0.05 | 6.01 | 252 | 890 | 1.52 | 0.09 | 0.60 | 0.03 | 103.5 | 1.9 | 12 | 0.30 | 9.8 |
| J599710 | | 1.27 | <0.005 | 0.03 | 5.94 | 6.9 | 900 | 1.65 | 0.05 | 0.42 | <0.02 | 103.0 | 0.6 | 11 | 0.25 | 2.9 |
| J599711 | | 1.71 | <0.005 | 0.05 | 5.91 | 3.5 | 990 | 1.67 | 0.09 | 0.42 | 0.02 | 112.0 | 0.9 | 13 | 0.31 | 2.5 |
| J599712 | | 1.16 | 0.042 | 0.06 | 6.10 | 10.8 | 680 | 1.77 | 0.07 | 0.41 | <0.02 | 87.0 | 0.7 | 14 | 0.30 | 1.8 |
| J599713 | | 1.34 | <0.005 | 0.03 | 6.05 | 10.1 | 970 | 1.71 | 0.10 | 0.48 | 0.03 | 116.5 | 1.5 | 15 | 0.26 | 4.1 |
| J599714 | | 0.96 | 0.093 | 0.10 | 6.24 | 1720 | 750 | 1.77 | 0.26 | 0.80 | 0.19 | 119.5 | 5.7 | 17 | 0.30 | 25.2 |
| J599715 | | 1.88 | <0.005 | 0.04 | 6.42 | 12.6 | 1150 | 1.74 | 0.06 | 0.61 | 0.02 | 126.0 | 1.9 | 10 | 0.29 | 3.0 |
| J599716 | | 1.75 | <0.005 | 0.03 | 6.18 | 4.5 | 1020 | 1.77 | 0.05 | 0.51 | 0.02 | 115.0 | 1.3 | 11 | 0.28 | 1.8 |
| J599717 | | 1.88 | <0.005 | 0.03 | 6.24 | 7.5 | 930 | 1.65 | 0.08 | 0.43 | 0.02 | 110.5 | 0.8 | 13 | 0.27 | 1.5 |
| J599718 | | 1.86 | <0.005 | 0.05 | 6.59 | 16.4 | 580 | 2.06 | 0.09 | 0.99 | 0.03 | 113.5 | 1.5 | 13 | 0.33 | 2.2 |
| J599719 | | 1.74 | <0.005 | 0.02 | 6.45 | 19.6 | 980 | 1.41 | 0.08 | 0.75 | 0.03 | 115.5 | 1.1 | 9 | 0.30 | 2.5 |
| J599720 | | 1.75 | <0.005 | 0.01 | 6.17 | 5.2 | 920 | 1.59 | 0.05 | 0.54 | 0.02 | 111.5 | 0.6 | 11 | 0.29 | 2.6 |
| J599721 | | 1.80 | <0.005 | 0.02 | 6.20 | 2.8 | 930 | 1.72 | 0.05 | 0.40 | 0.02 | 122.0 | 0.5 | 13 | 0.28 | 1.9 |
| J599722 | | 1.86 | <0.005 | 0.02 | 6.24 | 4.5 | 1000 | 1.81 | 0.05 | 0.44 | 0.02 | 149.0 | 0.8 | 12 | 0.31 | 10.1 |
| J599723 | | 1.64 | <0.005 | 0.01 | 6.16 | 9.0 | 920 | 1.51 | 0.05 | 0.57 | 0.02 | 103.0 | 0.7 | 10 | 0.23 | 4.4 |
| J599724 | | 1.77 | <0.005 | 0.05 | 6.17 | 13.6 | 970 | 1.47 | 0.06 | 0.58 | 0.03 | 97.0 | 1.3 | 11 | 0.22 | 8.1 |
| J599725 | | 1.50 | <0.005 | 0.16 | 6.54 | 12.5 | 1170 | 2.03 | 0.09 | 0.64 | 0.09 | 116.0 | 1.1 | 10 | 0.52 | 3.6 |
| J599726 | | 1.26 | <0.005 | 0.26 | 7.14 | 18.9 | 1060 | 1.87 | 0.07 | 1.23 | 0.05 | 88.2 | 3.5 | 7 | 0.59 | 2.6 |
| J599727 | | 0.03 | 7.43 | 0.50 | 8.05 | 3.1 | 180 | 2.02 | 0.25 | 1.10 | 0.44 | 16.40 | 10.9 | 38 | 1.41 | 17.2 |
| J599728 | | 1.38 | 0.034 | 0.17 | 6.77 | 13.1 | 680 | 1.72 | 0.03 | 4.00 | 0.04 | 131.5 | 13.4 | 6 | 2.05 | 1.7 |
| J599729 | | 0.97 | <0.005 | 0.13 | 6.95 | 17.8 | 430 | 3.07 | 0.03 | 5.45 | 0.03 | 87.7 | 9.7 | 8 | 0.76 | 1.2 |
| J599730 | | 1.68 | <0.005 | 0.10 | 6.62 | 23.5 | 420 | 1.62 | 0.05 | 2.20 | 0.04 | 86.5 | 6.0 | 8 | 0.95 | 9.8 |
| J599731 | | 1.94 | <0.005 | 0.08 | 7.41 | 30.7 | 230 | 1.18 | 0.12 | 4.44 | 0.05 | 77.4 | 24.4 | 7 | 1.54 | 1.8 |
| J599732 | | 2.17 | <0.005 | 0.12 | 7.63 | 20.3 | 250 | 0.96 | 0.14 | 4.67 | 0.06 | 97.7 | 21.6 | 4 | 1.01 | 6.8 |
| J599733 | | 1.70 | <0.005 | 0.08 | 7.65 | 14.1 | 660 | 1.28 | 0.06 | 4.56 | 0.04 | 85.0 | 14.0 | 4 | 2.53 | 6.1 |
| J599734 | | 1.95 | 0.008 | 0.11 | 6.60 | 35.6 | 280 | 1.83 | 0.05 | 1.21 | 0.07 | 67.3 | 4.9 | 8 | 0.20 | 20.2 |

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**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599695 | | 1.32 | 17.75 | 0.22 | 7.2 | 0.039 | 3.02 | 49.0 | 3.7 | 0.02 | 220 | 1.36 | 2.56 | 16.7 | 0.7 | 20 |
| J599696 | | 1.21 | 17.75 | 0.25 | 7.2 | 0.040 | 3.09 | 53.4 | 3.3 | 0.03 | 187 | 2.24 | 2.65 | 15.7 | 0.7 | 20 |
| J599697 | | 1.35 | 18.30 | 0.26 | 7.3 | 0.049 | 3.12 | 57.2 | 3.6 | 0.05 | 222 | 6.64 | 2.67 | 15.5 | 0.7 | 20 |
| J599698 | | 1.30 | 18.15 | 0.26 | 7.9 | 0.045 | 3.22 | 56.4 | 2.9 | 0.04 | 230 | 2.00 | 2.76 | 17.3 | 0.5 | 10 |
| J599699 | | 1.05 | 17.10 | 0.24 | 6.9 | 0.036 | 3.17 | 52.4 | 2.6 | 0.03 | 143 | 1.38 | 2.55 | 14.8 | 0.7 | 10 |
| J599700 | | 0.93 | 16.75 | 0.23 | 6.9 | 0.034 | 2.83 | 55.2 | 2.6 | 0.03 | 168 | 1.36 | 2.75 | 13.6 | 0.6 | 10 |
| J599701 | | 0.99 | 16.75 | 0.22 | 7.0 | 0.027 | 2.03 | 34.2 | 2.8 | 0.03 | 218 | 0.86 | 3.12 | 12.6 | 0.8 | 10 |
| J599702 | | 1.00 | 17.10 | 0.24 | 6.8 | 0.028 | 2.43 | 42.7 | 2.4 | 0.03 | 150 | 1.29 | 3.05 | 14.0 | 0.8 | 10 |
| J599703 | | 1.29 | 17.80 | 0.27 | 7.1 | 0.037 | 3.17 | 56.9 | 2.5 | 0.03 | 176 | 1.84 | 2.68 | 16.4 | 0.8 | 10 |
| J599704 | | 1.29 | 15.60 | 0.10 | 8.1 | 0.034 | 2.93 | 54.7 | 4.3 | 0.05 | 197 | 1.03 | 2.85 | 13.1 | 3.7 | 30 |
| J599705 | | 1.23 | 17.15 | 0.13 | 7.9 | 0.033 | 2.98 | 62.6 | 3.9 | 0.05 | 177 | 1.04 | 2.83 | 17.7 | 1.3 | 30 |
| J599706 | | 1.12 | 15.80 | 0.13 | 7.4 | 0.023 | 3.31 | 40.5 | 2.3 | 0.03 | 119 | 0.65 | 2.57 | 17.6 | 0.9 | 20 |
| J599707 | | 1.16 | 15.60 | 0.15 | 6.9 | 0.028 | 2.98 | 44.6 | 2.8 | 0.04 | 187 | 0.93 | 2.68 | 16.4 | 0.9 | 20 |
| J599708 | | 1.56 | 17.25 | 0.17 | 8.8 | 0.060 | 2.27 | 51.2 | 3.4 | 0.04 | 273 | 1.46 | 3.28 | 19.7 | 0.8 | 30 |
| J599709 | | 1.29 | 16.05 | 0.16 | 8.2 | 0.047 | 2.54 | 52.4 | 2.9 | 0.03 | 246 | 1.32 | 3.07 | 17.7 | 0.7 | 30 |
| J599710 | | 1.20 | 16.30 | 0.17 | 8.0 | 0.042 | 2.95 | 52.3 | 2.1 | 0.03 | 193 | 1.14 | 2.92 | 16.5 | 0.6 | 30 |
| J599711 | | 1.21 | 15.95 | 0.18 | 8.0 | 0.041 | 2.95 | 56.7 | 2.4 | 0.04 | 187 | 1.22 | 2.95 | 16.9 | 0.7 | 30 |
| J599712 | | 1.15 | 16.00 | 0.18 | 8.7 | 0.034 | 3.19 | 42.7 | 2.3 | 0.03 | 181 | 1.21 | 2.91 | 18.2 | 0.6 | 20 |
| J599713 | | 1.44 | 16.20 | 0.21 | 7.7 | 0.043 | 3.17 | 58.1 | 3.2 | 0.04 | 221 | 1.37 | 2.71 | 17.0 | 0.8 | 30 |
| J599714 | | 1.36 | 16.30 | 0.19 | 7.5 | 0.064 | 1.74 | 61.3 | 4.8 | 0.05 | 208 | 1.11 | 3.23 | 16.2 | 1.2 | 60 |
| J599715 | | 1.50 | 16.65 | 0.20 | 8.5 | 0.040 | 3.09 | 64.4 | 3.6 | 0.06 | 189 | 0.92 | 3.03 | 17.2 | 0.8 | 60 |
| J599716 | | 1.45 | 16.50 | 0.19 | 8.0 | 0.046 | 3.06 | 57.0 | 2.7 | 0.05 | 194 | 1.17 | 2.99 | 16.7 | 0.6 | 40 |
| J599717 | | 1.37 | 16.65 | 0.20 | 7.9 | 0.045 | 3.31 | 56.1 | 2.0 | 0.03 | 226 | 1.51 | 2.98 | 17.3 | 0.7 | 40 |
| J599718 | | 1.56 | 17.25 | 0.20 | 8.0 | 0.035 | 1.43 | 57.0 | 3.9 | 0.06 | 276 | 1.35 | 3.85 | 17.0 | 0.8 | 60 |
| J599719 | | 1.51 | 16.15 | 0.20 | 8.2 | 0.037 | 2.80 | 58.8 | 3.1 | 0.05 | 285 | 2.27 | 3.33 | 15.6 | 0.7 | 50 |
| J599720 | | 1.20 | 15.80 | 0.19 | 8.4 | 0.040 | 3.17 | 57.3 | 2.0 | 0.03 | 244 | 1.21 | 2.99 | 17.2 | 0.6 | 30 |
| J599721 | | 1.33 | 15.65 | 0.20 | 7.6 | 0.040 | 3.17 | 61.8 | 1.7 | 0.03 | 223 | 1.33 | 2.98 | 16.6 | 0.7 | 30 |
| J599722 | | 1.34 | 16.35 | 0.24 | 7.6 | 0.044 | 3.21 | 75.6 | 2.2 | 0.04 | 210 | 1.15 | 3.03 | 16.4 | 0.6 | 40 |
| J599723 | | 1.08 | 15.50 | 0.19 | 7.6 | 0.035 | 3.01 | 51.9 | 1.7 | 0.03 | 220 | 1.15 | 3.11 | 16.3 | 0.6 | 30 |
| J599724 | | 0.96 | 15.80 | 0.18 | 7.4 | 0.039 | 2.73 | 49.1 | 1.9 | 0.03 | 214 | 1.14 | 3.34 | 15.4 | 0.6 | 40 |
| J599725 | | 1.75 | 16.90 | 0.22 | 7.2 | 0.072 | 2.52 | 58.9 | 3.0 | 0.06 | 351 | 1.85 | 3.40 | 16.6 | 0.7 | 70 |
| J599726 | | 2.29 | 17.40 | 0.21 | 7.7 | 0.059 | 1.94 | 44.3 | 5.3 | 0.17 | 390 | 1.15 | 3.61 | 17.2 | 1.2 | 260 |
| J599727 | | 4.59 | 19.25 | 0.18 | 1.4 | 0.015 | 2.44 | 8.0 | 2.1 | 0.98 | 275 | 2.10 | 5.24 | 10.3 | 41.2 | 690 |
| J599728 | | 5.41 | 14.85 | 0.27 | 4.2 | 0.057 | 1.82 | 68.7 | 29.4 | 1.10 | 1260 | 1.34 | 2.45 | 10.8 | 2.5 | 2660 |
| J599729 | | 2.57 | 14.35 | 0.17 | 7.7 | 0.035 | 0.93 | 45.8 | 9.6 | 0.38 | 1060 | 21.9 | 3.07 | 10.7 | 2.3 | 600 |
| J599730 | | 2.65 | 15.05 | 0.16 | 6.0 | 0.035 | 0.96 | 42.3 | 7.1 | 0.43 | 489 | 6.81 | 3.68 | 12.6 | 2.1 | 1560 |
| J599731 | | 6.15 | 17.50 | 0.22 | 4.5 | 0.074 | 1.18 | 37.5 | 9.1 | 1.16 | 868 | 0.84 | 2.78 | 9.9 | 4.3 | 4300 |
| J599732 | | 7.39 | 17.35 | 0.25 | 3.7 | 0.066 | 0.88 | 46.4 | 6.6 | 1.55 | 1320 | 0.77 | 3.07 | 10.7 | 5.8 | 6090 |
| J599733 | | 5.77 | 16.70 | 0.22 | 3.6 | 0.069 | 1.94 | 40.1 | 14.3 | 1.20 | 1210 | 0.78 | 2.93 | 10.8 | 5.2 | 4540 |
| J599734 | | 1.58 | 15.20 | 0.12 | 9.4 | 0.019 | 0.32 | 37.5 | 2.4 | 0.09 | 224 | 0.83 | 4.30 | 12.8 | 1.6 | 120 |

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# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599695 | | 3.9 | 101.5 | <0.002 | 0.02 | 0.66 | 5.3 | 1 | 1.8 | 46.2 | 1.30 | <0.05 | 15.5 | 0.053 | 0.33 | 3.5 |
| J599696 | | 4.3 | 107.0 | <0.002 | 0.01 | 0.69 | 5.6 | 1 | 1.8 | 52.4 | 1.17 | <0.05 | 16.0 | 0.056 | 0.36 | 3.2 |
| J599697 | | 3.9 | 111.5 | 0.002 | 0.01 | 0.65 | 5.5 | 1 | 2.3 | 48.0 | 1.20 | <0.05 | 16.6 | 0.053 | 0.38 | 3.4 |
| J599698 | | 5.4 | 113.5 | <0.002 | 0.01 | 0.68 | 5.5 | 1 | 2.2 | 43.2 | 1.34 | <0.05 | 17.5 | 0.055 | 0.38 | 4.2 |
| J599699 | | 3.2 | 106.0 | <0.002 | 0.01 | 0.71 | 4.4 | 1 | 1.6 | 51.9 | 1.20 | <0.05 | 17.2 | 0.049 | 0.35 | 3.9 |
| J599700 | | 3.0 | 88.2 | <0.002 | 0.01 | 0.75 | 4.4 | 1 | 1.6 | 62.8 | 1.14 | <0.05 | 17.7 | 0.049 | 0.30 | 4.3 |
| J599701 | | 3.2 | 66.2 | <0.002 | 0.02 | 0.58 | 3.9 | 1 | 1.5 | 85.3 | 1.16 | <0.05 | 17.6 | 0.055 | 0.20 | 3.5 |
| J599702 | | 2.9 | 75.8 | <0.002 | <0.01 | 0.57 | 4.2 | 1 | 1.5 | 69.1 | 1.24 | <0.05 | 16.7 | 0.054 | 0.24 | 3.1 |
| J599703 | | 2.8 | 101.5 | <0.002 | <0.01 | 0.61 | 5.0 | 1 | 2.0 | 39.3 | 1.26 | <0.05 | 16.0 | 0.053 | 0.34 | 3.0 |
| J599704 | | 3.1 | 78.5 | <0.002 | 0.01 | 0.73 | 6.7 | 1 | 1.3 | 52.6 | 1.08 | <0.05 | 14.2 | 0.062 | 0.25 | 3.3 |
| J599705 | | 3.3 | 73.2 | <0.002 | <0.01 | 0.56 | 6.5 | 1 | 1.0 | 67.5 | 1.36 | <0.05 | 15.8 | 0.068 | 0.24 | 4.0 |
| J599706 | | 2.3 | 80.0 | <0.002 | <0.01 | 0.67 | 4.4 | 1 | 1.3 | 55.8 | 1.41 | <0.05 | 16.6 | 0.046 | 0.25 | 3.5 |
| J599707 | | 3.2 | 72.6 | <0.002 | <0.01 | 0.58 | 4.5 | 1 | 1.3 | 69.0 | 1.27 | <0.05 | 15.2 | 0.048 | 0.23 | 3.8 |
| J599708 | | 5.1 | 61.5 | 0.002 | 0.10 | 1.09 | 6.1 | 1 | 1.8 | 84.1 | 1.54 | <0.05 | 16.4 | 0.075 | 0.19 | 4.3 |
| J599709 | | 6.4 | 65.6 | <0.002 | 0.05 | 0.79 | 6.1 | 1 | 1.3 | 74.2 | 1.36 | <0.05 | 15.8 | 0.073 | 0.21 | 3.7 |
| J599710 | | 3.4 | 86.5 | <0.002 | <0.01 | 0.48 | 6.2 | 1 | 1.0 | 51.1 | 1.25 | <0.05 | 16.1 | 0.071 | 0.27 | 3.6 |
| J599711 | | 3.3 | 89.8 | <0.002 | <0.01 | 0.54 | 6.5 | 1 | 1.5 | 51.6 | 1.28 | <0.05 | 16.2 | 0.076 | 0.30 | 3.5 |
| J599712 | | 3.2 | 94.4 | <0.002 | <0.01 | 0.62 | 5.8 | 1 | 1.3 | 47.7 | 1.46 | <0.05 | 16.6 | 0.060 | 0.31 | 3.8 |
| J599713 | | 4.2 | 83.8 | <0.002 | 0.03 | 0.71 | 6.9 | 1 | 1.3 | 52.3 | 1.30 | <0.05 | 16.7 | 0.071 | 0.26 | 4.0 |
| J599714 | | 15.2 | 47.4 | <0.002 | 0.21 | 1.93 | 6.6 | 1 | 1.7 | 81.6 | 1.22 | <0.05 | 15.7 | 0.083 | 0.14 | 3.6 |
| J599715 | | 3.7 | 74.2 | <0.002 | 0.01 | 0.77 | 8.0 | 1 | 1.2 | 72.2 | 1.24 | <0.05 | 15.9 | 0.096 | 0.22 | 3.7 |
| J599716 | | 3.2 | 87.9 | <0.002 | <0.01 | 0.60 | 7.3 | 1 | 1.4 | 60.6 | 1.17 | <0.05 | 15.3 | 0.085 | 0.26 | 3.4 |
| J599717 | | 3.0 | 97.8 | <0.002 | <0.01 | 0.69 | 6.6 | 1 | 1.4 | 45.8 | 1.31 | <0.05 | 15.9 | 0.076 | 0.30 | 3.5 |
| J599718 | | 5.2 | 47.4 | <0.002 | <0.01 | 1.36 | 8.1 | 1 | 2.4 | 133.0 | 1.18 | <0.05 | 14.9 | 0.100 | 0.16 | 2.9 |
| J599719 | | 4.9 | 73.5 | <0.002 | 0.01 | 1.03 | 7.7 | 1 | 1.5 | 98.6 | 1.06 | <0.05 | 14.1 | 0.098 | 0.23 | 3.0 |
| J599720 | | 5.1 | 92.6 | <0.002 | 0.01 | 0.51 | 6.9 | 1 | 1.1 | 50.9 | 1.34 | <0.05 | 16.5 | 0.073 | 0.33 | 3.9 |
| J599721 | | 4.2 | 97.6 | <0.002 | <0.01 | 0.47 | 6.7 | 1 | 1.3 | 40.5 | 1.25 | <0.05 | 16.2 | 0.077 | 0.36 | 3.4 |
| J599722 | | 4.4 | 95.7 | <0.002 | 0.01 | 0.55 | 7.2 | 1 | 1.6 | 45.9 | 1.24 | <0.05 | 16.0 | 0.076 | 0.34 | 3.3 |
| J599723 | | 4.0 | 78.0 | <0.002 | 0.01 | 0.63 | 6.5 | 1 | 1.4 | 58.9 | 1.15 | <0.05 | 14.7 | 0.072 | 0.26 | 3.1 |
| J599724 | | 4.4 | 66.4 | <0.002 | 0.03 | 0.80 | 6.1 | 1 | 1.4 | 62.4 | 1.13 | <0.05 | 14.9 | 0.068 | 0.22 | 3.2 |
| J599725 | | 9.6 | 72.8 | <0.002 | 0.01 | 1.03 | 8.3 | 1 | 2.5 | 87.3 | 1.21 | <0.05 | 14.9 | 0.103 | 0.26 | 3.4 |
| J599726 | | 11.6 | 49.9 | <0.002 | <0.01 | 1.45 | 10.7 | 2 | 1.8 | 176.0 | 1.23 | <0.05 | 13.6 | 0.214 | 0.19 | 3.2 |
| J599727 | | 89.0 | 211 | <0.002 | 3.33 | 1.02 | 3.8 | 1 | 0.9 | 182.5 | 0.81 | <0.05 | 2.7 | 0.264 | 1.91 | 0.9 |
| J599728 | | 6.3 | 82.7 | 0.002 | 0.01 | 0.71 | 25.5 | 2 | 3.4 | 205 | 0.78 | <0.05 | 8.3 | 0.815 | 0.39 | 1.5 |
| J599729 | | 5.3 | 34.2 | 0.019 | <0.01 | 0.55 | 13.9 | 2 | 2.2 | 308 | 0.82 | <0.05 | 9.5 | 0.311 | 0.16 | 1.8 |
| J599730 | | 8.4 | 32.9 | 0.005 | 0.05 | 0.73 | 14.1 | 2 | 2.0 | 162.0 | 1.02 | <0.05 | 12.6 | 0.380 | 0.16 | 2.4 |
| J599731 | | 6.3 | 43.8 | <0.002 | 0.01 | 1.55 | 28.1 | 2 | 4.1 | 458 | 0.76 | 0.05 | 8.9 | 0.771 | 0.21 | 2.1 |
| J599732 | | 6.9 | 33.2 | 0.002 | 0.01 | 1.63 | 33.7 | 3 | 2.2 | 311 | 0.82 | <0.05 | 8.3 | 1.125 | 0.13 | 2.2 |
| J599733 | | 6.5 | 82.9 | 0.002 | 0.02 | 0.80 | 27.8 | 3 | 4.0 | 284 | 0.76 | <0.05 | 8.3 | 0.961 | 0.39 | 1.8 |
| J599734 | | 12.7 | 10.1 | <0.002 | 0.08 | 1.26 | 9.1 | 1 | 1.3 | 185.5 | 1.14 | <0.05 | 13.8 | 0.126 | 0.04 | 3.2 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|
| J599695 | | <1 | 0.8 | 23.6 | 19 | 229 |
| J599696 | | <1 | 1.2 | 22.2 | 18 | 248 |
| J599697 | | <1 | 1.5 | 24.3 | 17 | 228 |
| J599698 | | <1 | 1.1 | 25.3 | 27 | 250 |
| J599699 | | <1 | 1.1 | 22.0 | 10 | 226 |
| J599700 | | 1 | 1.1 | 20.7 | 6 | 229 |
| J599701 | | 1 | 0.8 | 19.6 | 6 | 228 |
| J599702 | | <1 | 0.9 | 21.9 | 6 | 224 |
| J599703 | | <1 | 1.3 | 24.4 | 10 | 226 |
| J599704 | | <1 | 1.2 | 24.1 | 9 | 269 |
| J599705 | | <1 | 0.6 | 32.6 | 12 | 264 |
| J599706 | | <1 | 0.8 | 31.2 | 8 | 223 |
| J599707 | | <1 | 0.6 | 28.6 | 11 | 213 |
| J599708 | | 1 | 0.9 | 34.3 | 17 | 293 |
| J599709 | | 1 | 0.8 | 29.9 | 18 | 279 |
| J599710 | | <1 | 0.6 | 29.2 | 11 | 278 |
| J599711 | | 1 | 1.9 | 30.7 | 17 | 279 |
| J599712 | | <1 | 1.2 | 30.3 | 13 | 281 |
| J599713 | | 1 | 0.7 | 33.6 | 19 | 258 |
| J599714 | | 1 | 1.0 | 28.6 | 67 | 258 |
| J599715 | | 1 | 0.6 | 34.2 | 14 | 310 |
| J599716 | | <1 | 0.8 | 34.0 | 13 | 288 |
| J599717 | | 1 | 0.9 | 34.9 | 15 | 272 |
| J599718 | | 1 | 0.7 | 33.6 | 28 | 304 |
| J599719 | | <1 | 0.8 | 27.3 | 22 | 316 |
| J599720 | | <1 | 0.7 | 32.3 | 20 | 285 |
| J599721 | | <1 | 0.6 | 29.1 | 16 | 263 |
| J599722 | | <1 | 0.7 | 31.3 | 19 | 263 |
| J599723 | | <1 | 0.7 | 25.4 | 11 | 263 |
| J599724 | | <1 | 0.8 | 23.4 | 12 | 260 |
| J599725 | | 1 | 0.9 | 29.8 | 39 | 261 |
| J599726 | | 4 | 1.7 | 29.8 | 34 | 299 |
| J599727 | | 34 | 0.2 | 5.2 | 46 | 55.5 |
| J599728 | | 62 | 1.4 | 34.9 | 88 | 168.0 |
| J599729 | | 25 | 1.1 | 32.6 | 35 | 298 |
| J599730 | | 34 | 0.8 | 28.0 | 29 | 203 |
| J599731 | | 98 | 1.1 | 31.0 | 46 | 168.5 |
| J599732 | | 154 | 0.7 | 38.7 | 54 | 130.5 |
| J599733 | | 127 | 1.1 | 36.5 | 71 | 132.0 |
| J599734 | | 6 | 0.5 | 22.5 | 25 | 354 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599735 | | 1.90 | <0.005 | 0.07 | 6.27 | 17.1 | 380 | 1.58 | 0.04 | 1.30 | 0.03 | 38.7 | 3.3 | 14 | 0.23 | 1.8 |
| J599736 | | 1.62 | <0.005 | 0.11 | 6.30 | 19.1 | 560 | 1.45 | 0.03 | 1.28 | 0.09 | 42.1 | 2.6 | 11 | 0.27 | 9.4 |
| J599737 | | 2.04 | <0.005 | 0.10 | 6.62 | 26.0 | 340 | 1.84 | 0.05 | 1.22 | 0.10 | 97.3 | 2.8 | 11 | 0.22 | 5.5 |
| J599738 | | 1.72 | <0.005 | 0.09 | 6.89 | 37.2 | 380 | 1.82 | 0.08 | 1.39 | 0.08 | 124.0 | 4.3 | 11 | 0.50 | 2.4 |
| J599739 | | 1.73 | <0.005 | 0.09 | 7.33 | 38.3 | 620 | 1.76 | 0.06 | 1.72 | 0.09 | 80.7 | 8.5 | 8 | 1.01 | 1.8 |
| J599740 | | 2.15 | <0.005 | 0.16 | 7.05 | 17.2 | 420 | 1.01 | 0.10 | 5.14 | 0.05 | 79.2 | 35.1 | 4 | 2.81 | 7.8 |
| J599741 | | 1.82 | 0.103 | 1.04 | 6.53 | 15.3 | 240 | 1.09 | 0.25 | 4.01 | 0.08 | 91.7 | 25.5 | 9 | 1.29 | 524 |
| J599742 | | 1.88 | <0.005 | 0.11 | 7.68 | 13.2 | 180 | 1.04 | 0.11 | 5.38 | 0.06 | 44.7 | 30.9 | 4 | 0.78 | 19.3 |
| J599743 | | 2.12 | <0.005 | 0.08 | 8.02 | 14.0 | 190 | 0.80 | 0.14 | 5.72 | 0.08 | 36.9 | 41.0 | 4 | 1.13 | 47.9 |
| J599744 | | 2.10 | 0.010 | 0.10 | 7.71 | 15.6 | 230 | 0.88 | 0.13 | 5.18 | 0.06 | 39.9 | 36.8 | 6 | 1.18 | 124.5 |
| J599745 | | 2.36 | <0.005 | 0.13 | 9.21 | 16.5 | 240 | 0.63 | 0.13 | 5.24 | 0.05 | 34.9 | 35.1 | 16 | 1.32 | 30.9 |
| J599746 | | 2.31 | <0.005 | 0.07 | 9.34 | 13.9 | 240 | 0.77 | 0.12 | 5.26 | 0.05 | 38.8 | 29.0 | 45 | 1.39 | 26.8 |
| J599747 | | 1.78 | <0.005 | 0.08 | 9.18 | 10.2 | 270 | 0.85 | 0.13 | 5.33 | 0.04 | 30.0 | 27.0 | 106 | 1.63 | 30.8 |
| J599748 | | 2.23 | <0.005 | 0.05 | 9.04 | 22.2 | 270 | 0.77 | 0.10 | 5.46 | 0.05 | 36.9 | 30.9 | 38 | 1.39 | 9.0 |
| J599749 | | 1.67 | <0.005 | 0.12 | 8.63 | 18.8 | 190 | 0.67 | 0.14 | 5.44 | 0.05 | 35.1 | 23.9 | 17 | 1.52 | 35.3 |
| J599750 | | 0.06 | <0.005 | 0.05 | 6.42 | 2.1 | 930 | 1.14 | 0.09 | 1.35 | 0.08 | 31.5 | 2.3 | 13 | 1.73 | 4.2 |
| J599751 | | 2.24 | <0.005 | 0.14 | 8.10 | 20.7 | 290 | 0.72 | 0.14 | 5.03 | 0.06 | 45.1 | 39.0 | 12 | 2.49 | 43.2 |
| J599752 | | 1.96 | <0.005 | 0.05 | 7.64 | 16.7 | 560 | 1.26 | 0.07 | 4.31 | 0.04 | 75.5 | 23.2 | 2 | 4.32 | 13.4 |
| J599753 | | 1.85 | <0.005 | 0.12 | 6.22 | 28.3 | 550 | 1.95 | 0.07 | 1.08 | 0.03 | 133.0 | 3.1 | 11 | 0.30 | 31.1 |
| J599754 | | 1.81 | 0.007 | 0.08 | 6.50 | 47.8 | 1080 | 1.98 | 0.11 | 0.59 | 0.03 | 134.5 | 2.8 | 22 | 0.50 | 11.1 |
| J599755 | | 1.95 | 0.010 | 0.08 | 6.54 | 16.7 | 990 | 1.91 | 0.11 | 0.61 | 0.04 | 123.0 | 3.2 | 101 | 0.44 | 4.9 |
| J599756 | | 2.00 | <0.005 | 0.13 | 6.31 | 16.6 | 1000 | 1.99 | 0.10 | 0.47 | 0.02 | 137.5 | 2.8 | 13 | 0.37 | 2.3 |
| J599757 | | 1.94 | 0.010 | 0.16 | 6.31 | 93.8 | 980 | 1.88 | 0.08 | 0.47 | <0.02 | 132.0 | 1.0 | 14 | 0.32 | 1.1 |
| J599758 | | 0.58 | 0.456 | 0.33 | 6.37 | 1800 | 1100 | 1.69 | 0.08 | 0.58 | 0.02 | 143.5 | 1.9 | 22 | 0.42 | 1.5 |
| J599759 | | 2.04 | <0.005 | 0.12 | 6.38 | 33.4 | 1030 | 2.00 | 0.11 | 0.49 | 0.03 | 139.5 | 2.5 | 16 | 0.41 | 2.2 |
| J599760 | | 1.26 | 0.155 | 0.12 | 6.56 | 72.1 | 1000 | 1.93 | 0.19 | 0.57 | 0.04 | 137.5 | 1.9 | 12 | 0.48 | 7.8 |
| J599761 | | 0.68 | 0.034 | 0.15 | 6.51 | 54.8 | 760 | 2.31 | 0.11 | 0.49 | 0.07 | 148.5 | 1.6 | 6 | 0.86 | 16.7 |
| J599762 | | 1.70 | 0.283 | 0.13 | 6.38 | 69.0 | 1050 | 1.71 | 0.12 | 0.75 | 0.08 | 139.5 | 1.4 | 25 | 0.47 | 13.6 |
| J599763 | | 0.74 | 0.081 | 0.21 | 6.33 | 65.3 | 1030 | 2.13 | 0.18 | 0.50 | 0.33 | 137.5 | 2.4 | 11 | 0.48 | 34.2 |
| J599764 | | 1.43 | 0.038 | 0.27 | 6.22 | 149.0 | 930 | 1.83 | 0.15 | 0.63 | 0.16 | 139.0 | 0.9 | 16 | 0.54 | 6.8 |
| J599765 | | 2.01 | <0.005 | 0.22 | 6.14 | 22.2 | 910 | 2.00 | 0.13 | 0.55 | 0.05 | 133.0 | 0.8 | 11 | 0.43 | 2.3 |
| J599766 | | 1.79 | <0.005 | 0.12 | 6.11 | 9.6 | 960 | 1.67 | 0.19 | 0.48 | 0.04 | 111.5 | 1.2 | 12 | 0.41 | 3.4 |
| J599767 | | 1.88 | <0.005 | 0.08 | 6.16 | 8.0 | 1020 | 1.90 | 0.11 | 0.54 | 0.02 | 130.0 | 1.0 | 14 | 0.93 | 7.4 |
| J599768 | | 1.76 | 0.006 | 0.06 | 6.16 | 7.5 | 990 | 2.02 | 0.11 | 0.56 | 0.03 | 140.0 | 0.9 | 14 | 0.92 | 6.5 |
| J599769 | | 1.72 | 0.007 | 0.08 | 6.21 | 12.4 | 950 | 2.63 | 0.29 | 0.54 | 0.02 | 137.0 | 1.4 | 22 | 0.91 | 3.2 |
| J599770 | | 1.18 | <0.005 | 0.14 | 6.20 | 46.0 | 950 | 1.63 | 0.15 | 0.51 | 0.02 | 134.5 | 2.3 | 19 | 0.83 | 2.6 |
| J599771 | | 1.31 | 0.348 | 0.14 | 6.21 | 1305 | 990 | 1.85 | 0.17 | 0.49 | 0.03 | 142.5 | 1.8 | 32 | 0.68 | 5.8 |
| J599772 | | 1.23 | 0.024 | 0.24 | 6.55 | 163.5 | 1010 | 1.70 | 0.10 | 0.58 | 0.02 | 137.0 | 0.7 | 10 | 0.79 | 19.2 |
| J599773 | | 1.21 | 0.082 | 0.12 | 6.46 | 538 | 980 | 1.96 | 0.10 | 0.56 | 0.02 | 132.0 | 1.0 | 10 | 0.84 | 6.7 |
| J599774 | | 0.54 | 0.020 | 0.34 | 6.33 | 295 | 950 | 2.04 | 0.10 | 0.54 | 0.10 | 126.5 | 1.7 | 20 | 0.65 | 2.8 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599735 | | 1.39 | 15.15 | 0.10 | 7.6 | 0.018 | 0.46 | 20.5 | 3.2 | 0.08 | 196 | 1.21 | 4.05 | 11.1 | 1.2 | 80 |
| J599736 | | 1.37 | 16.85 | 0.07 | 7.9 | 0.018 | 0.63 | 22.5 | 3.1 | 0.07 | 230 | 0.51 | 4.05 | 10.6 | 1.5 | 80 |
| J599737 | | 1.48 | 18.50 | 0.12 | 8.6 | 0.023 | 0.32 | 50.7 | 3.2 | 0.09 | 230 | 0.52 | 4.32 | 14.1 | 1.6 | 110 |
| J599738 | | 2.25 | 18.00 | 0.13 | 7.8 | 0.048 | 0.44 | 61.2 | 6.6 | 0.18 | 320 | 0.89 | 4.37 | 15.8 | 1.3 | 180 |
| J599739 | | 3.95 | 19.85 | 0.12 | 5.8 | 0.052 | 0.82 | 37.9 | 9.3 | 0.37 | 474 | 0.92 | 4.06 | 13.0 | 1.3 | 710 |
| J599740 | | 10.70 | 19.70 | 0.14 | 2.7 | 0.110 | 1.58 | 34.3 | 14.2 | 2.13 | 1710 | 0.60 | 2.22 | 6.7 | 14.0 | 7000 |
| J599741 | | 7.49 | 17.95 | 0.14 | 3.6 | 0.097 | 0.75 | 44.5 | 7.5 | 1.64 | 1330 | 1.09 | 3.01 | 8.0 | 17.1 | 5890 |
| J599742 | | 9.13 | 18.00 | 0.10 | 2.4 | 0.087 | 0.55 | 19.2 | 5.5 | 1.87 | 1500 | 0.65 | 2.91 | 6.3 | 16.5 | 1560 |
| J599743 | | 11.35 | 19.80 | 0.08 | 1.7 | 0.070 | 0.73 | 17.3 | 7.2 | 2.18 | 1840 | 0.87 | 2.35 | 3.9 | 24.2 | 1720 |
| J599744 | | 11.20 | 19.00 | 0.09 | 1.7 | 0.095 | 0.90 | 17.7 | 8.5 | 1.93 | 1800 | 3.57 | 2.31 | 4.4 | 27.1 | 1540 |
| J599745 | | 10.10 | 20.9 | 0.09 | 1.6 | 0.059 | 0.94 | 15.9 | 8.4 | 1.49 | 1580 | 0.63 | 2.87 | 4.7 | 24.8 | 1960 |
| J599746 | | 8.70 | 19.55 | 0.08 | 2.0 | 0.047 | 0.87 | 17.3 | 8.5 | 1.47 | 1380 | 0.90 | 3.02 | 4.8 | 29.9 | 2340 |
| J599747 | | 7.92 | 19.20 | 0.08 | 1.6 | 0.041 | 0.99 | 13.6 | 11.0 | 1.88 | 1440 | 3.25 | 2.77 | 3.6 | 29.9 | 2200 |
| J599748 | | 7.03 | 18.30 | 0.07 | 1.6 | 0.049 | 0.88 | 15.6 | 9.7 | 1.98 | 1360 | 1.14 | 2.78 | 4.1 | 23.3 | 2590 |
| J599749 | | 6.40 | 18.25 | 0.08 | 1.4 | 0.035 | 0.78 | 15.3 | 9.2 | 2.11 | 1380 | 2.44 | 2.77 | 4.5 | 17.5 | 2830 |
| J599750 | | 1.50 | 13.30 | 0.08 | 1.1 | 0.007 | 2.23 | 15.3 | 10.4 | 0.19 | 582 | 0.94 | 2.77 | 4.1 | 2.1 | 180 |
| J599751 | | 8.87 | 17.15 | 0.12 | 2.1 | 0.045 | 1.25 | 21.1 | 16.7 | 2.39 | 1680 | 1.12 | 2.34 | 6.5 | 6.5 | 3860 |
| J599752 | | 7.26 | 18.80 | 0.13 | 2.6 | 0.074 | 1.98 | 32.4 | 27.4 | 1.66 | 1380 | 0.58 | 2.67 | 16.2 | 4.8 | 3930 |
| J599753 | | 1.40 | 17.60 | 0.16 | 6.7 | 0.034 | 1.09 | 69.7 | 3.6 | 0.07 | 275 | 2.38 | 3.74 | 13.8 | 1.0 | 80 |
| J599754 | | 1.69 | 19.10 | 0.15 | 8.3 | 0.049 | 2.91 | 69.6 | 3.8 | 0.05 | 359 | 2.27 | 3.23 | 17.3 | 2.3 | 60 |
| J599755 | | 1.85 | 16.65 | 0.15 | 7.5 | 0.048 | 2.85 | 62.2 | 3.5 | 0.05 | 394 | 1.89 | 3.28 | 14.7 | 1.7 | 60 |
| J599756 | | 1.71 | 18.60 | 0.17 | 8.1 | 0.046 | 3.03 | 69.2 | 3.0 | 0.04 | 303 | 1.40 | 3.19 | 16.7 | 0.8 | 60 |
| J599757 | | 1.69 | 18.20 | 0.16 | 7.9 | 0.051 | 3.04 | 67.9 | 2.6 | 0.04 | 285 | 1.48 | 3.15 | 15.9 | 0.7 | 60 |
| J599758 | | 1.75 | 18.55 | 0.17 | 8.3 | 0.039 | 3.28 | 68.6 | 3.1 | 0.05 | 391 | 1.89 | 3.15 | 16.7 | 1.0 | 60 |
| J599759 | | 1.74 | 18.75 | 0.18 | 8.2 | 0.051 | 3.10 | 69.7 | 3.0 | 0.05 | 297 | 1.69 | 3.11 | 17.2 | 0.7 | 60 |
| J599760 | | 1.82 | 19.30 | 0.18 | 8.3 | 0.042 | 3.10 | 66.4 | 4.0 | 0.06 | 360 | 1.71 | 3.08 | 16.7 | 0.8 | 60 |
| J599761 | | 1.64 | 20.8 | 0.20 | 8.2 | 0.120 | 2.98 | 73.2 | 13.8 | 0.07 | 214 | 4.98 | 1.88 | 17.3 | 1.1 | 50 |
| J599762 | | 1.35 | 19.45 | 0.17 | 8.0 | 0.040 | 3.11 | 70.7 | 6.0 | 0.04 | 535 | 1.53 | 2.76 | 17.9 | 1.1 | 60 |
| J599763 | | 2.04 | 18.00 | 0.18 | 8.4 | 0.078 | 3.28 | 71.8 | 11.5 | 0.06 | 186 | 4.51 | 2.15 | 16.4 | 1.6 | 70 |
| J599764 | | 1.40 | 18.35 | 0.18 | 7.6 | 0.050 | 2.81 | 67.5 | 4.3 | 0.06 | 563 | 1.96 | 2.94 | 15.8 | 1.4 | 60 |
| J599765 | | 1.52 | 18.35 | 0.18 | 8.0 | 0.054 | 2.88 | 66.3 | 4.1 | 0.05 | 369 | 1.90 | 3.11 | 16.5 | 0.7 | 60 |
| J599766 | | 1.57 | 16.85 | 0.16 | 7.0 | 0.042 | 2.94 | 58.0 | 3.6 | 0.04 | 345 | 1.51 | 3.05 | 15.4 | 0.8 | 50 |
| J599767 | | 1.65 | 17.75 | 0.18 | 7.9 | 0.054 | 2.96 | 65.1 | 6.0 | 0.04 | 341 | 1.70 | 3.06 | 15.7 | 0.9 | 60 |
| J599768 | | 1.59 | 18.35 | 0.18 | 7.6 | 0.063 | 2.89 | 70.4 | 6.4 | 0.03 | 343 | 1.70 | 3.10 | 16.5 | 0.9 | 50 |
| J599769 | | 1.61 | 18.55 | 0.16 | 7.5 | 0.060 | 2.76 | 64.8 | 5.2 | 0.03 | 395 | 1.50 | 3.24 | 16.5 | 1.0 | 50 |
| J599770 | | 1.53 | 19.00 | 0.17 | 7.6 | 0.047 | 2.89 | 67.3 | 4.9 | 0.03 | 398 | 1.29 | 3.10 | 17.2 | 1.1 | 50 |
| J599771 | | 1.49 | 18.95 | 0.17 | 7.6 | 0.080 | 3.07 | 68.4 | 7.2 | 0.04 | 305 | 1.57 | 2.58 | 17.3 | 1.0 | 50 |
| J599772 | | 1.63 | 17.85 | 0.24 | 8.0 | 0.063 | 2.99 | 67.6 | 5.9 | 0.04 | 362 | 1.73 | 2.97 | 15.6 | 9.3 | 50 |
| J599773 | | 1.58 | 17.75 | 0.23 | 7.9 | 0.061 | 2.93 | 66.5 | 5.1 | 0.04 | 348 | 1.57 | 2.91 | 15.5 | 0.9 | 50 |
| J599774 | | 1.52 | 18.00 | 0.22 | 7.7 | 0.047 | 2.82 | 61.2 | 2.9 | 0.03 | 342 | 1.22 | 3.05 | 15.6 | 1.0 | 60 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599735 | | 8.4 | 12.8 | <0.002 | 0.01 | 1.02 | 7.9 | 1 | 1.6 | 181.0 | 1.01 | <0.05 | 13.5 | 0.113 | 0.06 | 2.9 |
| J599736 | | 14.8 | 16.1 | <0.002 | 0.02 | 1.41 | 9.0 | <1 | 1.5 | 171.5 | 1.00 | <0.05 | 14.8 | 0.126 | 0.06 | 2.8 |
| J599737 | | 14.1 | 10.7 | 0.002 | 0.01 | 1.48 | 9.8 | <1 | 1.5 | 176.0 | 1.24 | <0.05 | 17.8 | 0.122 | 0.05 | 3.6 |
| J599738 | | 14.1 | 18.5 | <0.002 | <0.01 | 1.75 | 12.0 | 1 | 2.1 | 225 | 1.11 | <0.05 | 14.4 | 0.198 | 0.08 | 3.3 |
| J599739 | | 13.1 | 39.4 | 0.002 | <0.01 | 1.67 | 14.9 | <1 | 2.9 | 267 | 0.90 | <0.05 | 10.0 | 0.393 | 0.15 | 2.1 |
| J599740 | | 5.3 | 73.2 | <0.002 | 0.01 | 1.25 | 49.1 | 1 | 4.6 | 308 | 0.45 | <0.05 | 4.5 | 1.375 | 0.33 | 1.2 |
| J599741 | | 6.7 | 34.5 | 0.003 | 0.19 | 1.47 | 33.8 | 3 | 2.2 | 199.5 | 0.69 | 0.08 | 8.9 | 0.861 | 0.16 | 1.7 |
| J599742 | | 9.2 | 24.5 | <0.002 | 0.02 | 1.68 | 53.7 | <1 | 3.9 | 400 | 0.41 | <0.05 | 4.5 | 1.310 | 0.10 | 1.1 |
| J599743 | | 10.0 | 33.8 | 0.003 | 0.11 | 1.58 | 64.3 | <1 | 1.6 | 350 | 0.27 | <0.05 | 2.9 | 1.570 | 0.15 | 0.7 |
| J599744 | | 7.9 | 44.4 | 0.003 | 0.08 | 1.74 | 55.7 | <1 | 3.2 | 312 | 0.30 | <0.05 | 3.4 | 1.595 | 0.18 | 0.8 |
| J599745 | | 11.0 | 52.1 | 0.002 | 0.06 | 1.78 | 35.6 | <1 | 1.6 | 465 | 0.32 | <0.05 | 2.7 | 1.735 | 0.22 | 0.7 |
| J599746 | | 11.0 | 40.6 | 0.003 | 0.06 | 1.56 | 30.8 | <1 | 1.5 | 458 | 0.34 | <0.05 | 3.1 | 1.395 | 0.20 | 0.8 |
| J599747 | | 10.2 | 44.4 | 0.005 | 0.07 | 1.50 | 36.0 | <1 | 1.2 | 410 | 0.27 | <0.05 | 2.7 | 0.986 | 0.26 | 0.7 |
| J599748 | | 9.3 | 31.3 | 0.002 | 0.02 | 1.62 | 37.1 | <1 | 1.4 | 444 | 0.32 | <0.05 | 2.8 | 0.816 | 0.20 | 0.7 |
| J599749 | | 10.3 | 18.7 | 0.002 | 0.07 | 1.72 | 35.1 | <1 | 1.3 | 447 | 0.33 | <0.05 | 2.6 | 0.786 | 0.19 | 0.7 |
| J599750 | | 12.2 | 59.6 | 0.003 | <0.01 | 0.26 | 5.5 | <1 | 1.5 | 180.0 | 0.45 | <0.05 | 5.9 | 0.115 | 0.39 | 2.0 |
| J599751 | | 7.8 | 64.0 | 0.004 | 0.10 | 1.51 | 42.4 | <1 | 1.3 | 335 | 0.47 | <0.05 | 3.4 | 1.510 | 0.29 | 0.9 |
| J599752 | | 8.7 | 112.5 | <0.002 | 0.02 | 0.88 | 37.2 | <1 | 2.5 | 310 | 1.12 | <0.05 | 5.6 | 1.380 | 0.58 | 1.4 |
| J599753 | | 12.0 | 32.1 | 0.002 | 0.08 | 1.40 | 7.4 | 1 | 1.9 | 135.0 | 1.11 | <0.05 | 16.8 | 0.093 | 0.12 | 3.6 |
| J599754 | | 17.5 | 85.2 | 0.002 | 0.05 | 2.21 | 8.1 | 1 | 2.2 | 84.3 | 1.35 | <0.05 | 16.8 | 0.107 | 0.31 | 4.2 |
| J599755 | | 12.8 | 83.6 | 0.002 | 0.03 | 1.32 | 7.2 | 1 | 2.0 | 67.9 | 1.11 | <0.05 | 15.1 | 0.103 | 0.28 | 3.6 |
| J599756 | | 11.3 | 98.9 | 0.002 | <0.01 | 1.37 | 8.1 | 1 | 1.9 | 69.0 | 1.25 | <0.05 | 16.7 | 0.100 | 0.29 | 3.7 |
| J599757 | | 12.0 | 104.5 | <0.002 | 0.01 | 1.15 | 7.7 | 1 | 1.7 | 63.3 | 1.22 | <0.05 | 16.1 | 0.099 | 0.30 | 3.8 |
| J599758 | | 10.1 | 107.5 | <0.002 | 0.09 | 1.38 | 7.8 | 1 | 1.4 | 70.3 | 1.19 | <0.05 | 16.5 | 0.098 | 0.38 | 3.7 |
| J599759 | | 10.2 | 98.2 | 0.002 | 0.02 | 1.40 | 8.2 | <1 | 1.7 | 63.8 | 1.23 | <0.05 | 16.8 | 0.100 | 0.32 | 3.9 |
| J599760 | | 14.5 | 95.1 | <0.002 | 0.19 | 1.69 | 7.7 | 1 | 1.6 | 63.0 | 1.24 | <0.05 | 16.5 | 0.102 | 0.35 | 3.9 |
| J599761 | | 23.2 | 124.0 | <0.002 | 0.41 | 1.53 | 8.4 | 1 | 4.0 | 50.2 | 1.24 | <0.05 | 17.5 | 0.104 | 0.42 | 4.0 |
| J599762 | | 18.9 | 109.5 | 0.002 | 0.30 | 1.25 | 8.2 | 1 | 2.0 | 69.8 | 1.24 | <0.05 | 16.6 | 0.101 | 0.40 | 3.9 |
| J599763 | | 43.5 | 123.5 | 0.002 | 0.72 | 1.92 | 8.3 | <1 | 3.1 | 52.9 | 1.22 | <0.05 | 16.5 | 0.099 | 0.44 | 4.0 |
| J599764 | | 27.5 | 96.1 | <0.002 | 0.07 | 2.19 | 7.8 | <1 | 2.4 | 65.7 | 1.22 | <0.05 | 15.8 | 0.099 | 0.40 | 3.6 |
| J599765 | | 9.3 | 99.6 | <0.002 | 0.01 | 1.06 | 7.7 | 1 | 2.3 | 62.6 | 1.27 | <0.05 | 16.5 | 0.093 | 0.40 | 3.9 |
| J599766 | | 10.8 | 93.1 | 0.002 | <0.01 | 1.02 | 6.6 | <1 | 1.7 | 55.4 | 1.20 | <0.05 | 15.9 | 0.092 | 0.37 | 3.6 |
| J599767 | | 11.0 | 113.5 | <0.002 | <0.01 | 0.78 | 7.4 | 1 | 1.9 | 60.7 | 1.21 | <0.05 | 16.2 | 0.095 | 0.44 | 3.7 |
| J599768 | | 11.2 | 115.5 | 0.002 | 0.01 | 0.80 | 7.5 | 1 | 2.2 | 60.4 | 1.26 | <0.05 | 16.2 | 0.092 | 0.42 | 3.9 |
| J599769 | | 11.9 | 111.0 | <0.002 | <0.01 | 0.97 | 7.3 | 2 | 2.1 | 58.4 | 1.21 | <0.05 | 16.2 | 0.091 | 0.42 | 4.0 |
| J599770 | | 13.4 | 110.5 | <0.002 | <0.01 | 1.10 | 7.5 | 1 | 1.6 | 62.8 | 1.25 | <0.05 | 17.4 | 0.087 | 0.43 | 4.0 |
| J599771 | | 13.1 | 110.5 | 0.002 | 0.23 | 3.44 | 7.4 | 1 | 2.0 | 59.3 | 1.26 | <0.05 | 17.4 | 0.090 | 0.41 | 3.7 |
| J599772 | | 19.3 | 116.0 | 0.002 | 0.06 | 1.19 | 7.4 | 1 | 2.1 | 64.6 | 1.19 | <0.05 | 17.0 | 0.087 | 0.48 | 4.2 |
| J599773 | | 14.4 | 113.0 | <0.002 | 0.09 | 2.08 | 7.3 | 1 | 2.1 | 61.6 | 1.20 | <0.05 | 16.0 | 0.086 | 0.48 | 4.0 |
| J599774 | | 13.1 | 110.0 | 0.002 | 0.04 | 2.09 | 6.9 | 1 | 2.2 | 77.2 | 1.22 | <0.05 | 17.1 | 0.087 | 0.44 | 4.2 |

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|
| J599735 | | 9 | 0.4 | 16.2 | 15 | 280 |
| J599736 | | 7 | 0.7 | 15.5 | 21 | 276 |
| J599737 | | 4 | 0.5 | 26.1 | 22 | 289 |
| J599738 | | 2 | 0.3 | 31.8 | 32 | 308 |
| J599739 | | 16 | 0.4 | 26.0 | 51 | 244 |
| J599740 | | 238 | 0.8 | 34.0 | 92 | 99.4 |
| J599741 | | 150 | 0.9 | 30.4 | 71 | 126.5 |
| J599742 | | 239 | 0.6 | 25.9 | 70 | 83.7 |
| J599743 | | 307 | 0.7 | 17.6 | 95 | 62.9 |
| J599744 | | 298 | 34.2 | 18.5 | 85 | 64.4 |
| J599745 | | 248 | 0.8 | 15.4 | 73 | 59.7 |
| J599746 | | 170 | 0.5 | 15.6 | 70 | 76.6 |
| J599747 | | 78 | 0.6 | 12.0 | 75 | 61.9 |
| J599748 | | 64 | 0.5 | 14.8 | 70 | 59.0 |
| J599749 | | 60 | 0.5 | 14.1 | 62 | 52.3 |
| J599750 | | 14 | 1.0 | 17.4 | 44 | 24.8 |
| J599751 | | 129 | 0.7 | 19.8 | 85 | 76.2 |
| J599752 | | 103 | 0.8 | 30.7 | 96 | 83.8 |
| J599753 | | 3 | 0.7 | 28.6 | 27 | 230 |
| J599754 | | 1 | 1.4 | 36.0 | 43 | 287 |
| J599755 | | 2 | 1.2 | 32.4 | 45 | 280 |
| J599756 | | 1 | 1.2 | 34.9 | 29 | 284 |
| J599757 | | 1 | 1.0 | 34.9 | 28 | 273 |
| J599758 | | 1 | 1.0 | 34.6 | 28 | 305 |
| J599759 | | <1 | 1.3 | 35.0 | 24 | 286 |
| J599760 | | 1 | 1.2 | 37.1 | 31 | 297 |
| J599761 | | 1 | 6.6 | 28.8 | 40 | 304 |
| J599762 | | 1 | 3.1 | 33.2 | 45 | 288 |
| J599763 | | 1 | 4.7 | 27.7 | 114 | 306 |
| J599764 | | 1 | 1.5 | 33.7 | 74 | 268 |
| J599765 | | 1 | 1.2 | 33.3 | 38 | 266 |
| J599766 | | 1 | 1.0 | 31.3 | 37 | 243 |
| J599767 | | 1 | 1.1 | 32.7 | 36 | 280 |
| J599768 | | <1 | 1.1 | 34.8 | 31 | 253 |
| J599769 | | 1 | 1.7 | 33.4 | 34 | 264 |
| J599770 | | 1 | 1.8 | 33.2 | 31 | 253 |
| J599771 | | 1 | 3.7 | 30.4 | 26 | 253 |
| J599772 | | 1 | 1.6 | 36.7 | 32 | 255 |
| J599773 | | 1 | 1.5 | 34.6 | 33 | 264 |
| J599774 | | 1 | 1.4 | 35.8 | 30 | 247 |

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599775 | | 0.52 | 0.095 | 0.27 | 6.18 | 414 | 930 | 1.83 | 0.10 | 0.55 | 0.09 | 124.5 | 2.1 | 21 | 0.63 | 2.5 |
| J599776 | | 1.23 | 0.433 | 0.15 | 6.25 | 725 | 570 | 1.99 | 0.15 | 0.63 | 0.02 | 131.0 | 4.2 | 10 | 0.44 | 15.2 |
| J599777 | | 1.29 | 2.14 | 0.14 | 5.83 | 5550 | 420 | 1.90 | 0.39 | 0.33 | 0.06 | 105.0 | 3.2 | 6 | 0.43 | 4.7 |
| J599778 | | 1.32 | 0.844 | 0.21 | 5.63 | 3100 | 660 | 1.96 | 0.29 | 0.45 | 0.06 | 126.5 | 2.9 | 10 | 0.44 | 6.7 |
| J599779 | | 1.71 | 0.525 | 0.23 | 6.13 | 1140 | 760 | 1.94 | 0.19 | 0.54 | 0.10 | 125.0 | 2.0 | 9 | 0.45 | 7.6 |
| J599780 | | 1.27 | 0.016 | 0.10 | 6.44 | 195.5 | 920 | 1.84 | 0.11 | 0.56 | 0.03 | 131.5 | 2.4 | 16 | 0.68 | 1.9 |
| J599781 | | 1.05 | <0.005 | 0.19 | 6.60 | 88.2 | 950 | 2.31 | 0.19 | 0.52 | 0.02 | 135.0 | 2.1 | 13 | 0.49 | 2.0 |
| J599782 | | 1.83 | <0.005 | 0.16 | 6.02 | 22.2 | 880 | 2.49 | 0.17 | 0.48 | 0.02 | 124.0 | 2.8 | 14 | 0.48 | 3.8 |
| J599783 | | 1.52 | <0.005 | 0.09 | 6.34 | 5.4 | 990 | 2.56 | 0.16 | 0.40 | 0.05 | 132.5 | 1.3 | 15 | 0.38 | 4.6 |
| J599784 | | 1.65 | <0.005 | 0.11 | 6.33 | 9.5 | 870 | 1.93 | 0.14 | 0.44 | <0.02 | 123.0 | 1.3 | 13 | 0.37 | 4.8 |
| J599785 | | 1.88 | <0.005 | 0.11 | 6.36 | 7.1 | 880 | 1.80 | 0.13 | 0.39 | 0.04 | 122.5 | 1.4 | 14 | 0.34 | 3.0 |
| J599786 | | 1.80 | <0.005 | 0.05 | 6.16 | 15.2 | 870 | 1.38 | 0.13 | 0.53 | 0.04 | 124.0 | 2.5 | 14 | 0.41 | 3.7 |
| J599787 | | 1.76 | 0.016 | 0.06 | 6.37 | 27.0 | 1110 | 1.79 | 0.16 | 0.51 | 0.02 | 133.0 | 2.7 | 14 | 0.45 | 4.0 |
| J599788 | | 1.97 | 0.005 | 0.07 | 6.46 | 42.7 | 1090 | 1.58 | 0.18 | 0.55 | 0.02 | 132.5 | 4.0 | 11 | 0.52 | 4.3 |
| J599789 | | 1.16 | 0.059 | 0.06 | 6.36 | 44.4 | 1090 | 1.64 | 0.15 | 0.52 | 0.02 | 125.0 | 0.9 | 14 | 0.46 | 2.5 |
| J599790 | | 1.15 | 0.041 | 0.10 | 6.06 | 138.5 | 980 | 1.68 | 0.22 | 0.60 | 0.03 | 117.0 | 1.8 | 12 | 0.48 | 10.0 |
| J599791 | | 1.26 | 0.930 | 0.44 | 6.08 | 7190 | 700 | 2.61 | 0.58 | 0.21 | 0.57 | 112.5 | 2.2 | 7 | 0.87 | 24.5 |
| J599792 | | 1.07 | 0.038 | 0.11 | 5.84 | 102.0 | 890 | 1.55 | 0.12 | 0.65 | 0.06 | 104.5 | 1.2 | 12 | 0.46 | 13.8 |
| J599793 | | 0.99 | 0.205 | 0.25 | 5.90 | 612 | 850 | 1.41 | 0.46 | 0.37 | 0.09 | 96.5 | 1.9 | 11 | 0.42 | 18.5 |
| J599794 | | 0.55 | 0.631 | 0.38 | 6.05 | 2290 | 580 | 2.75 | 0.52 | 0.15 | 0.93 | 101.5 | 4.0 | 6 | 0.76 | 42.4 |
| J599795 | | 1.94 | 0.254 | 0.56 | 5.86 | 106.5 | 710 | 1.70 | 0.33 | 0.41 | 0.07 | 115.5 | 1.4 | 10 | 0.41 | 14.4 |
| J599796 | | 1.94 | <0.005 | 0.15 | 5.92 | 12.7 | 420 | 3.28 | 0.56 | 0.37 | 0.02 | 87.6 | 0.9 | 18 | 0.44 | 6.2 |
| J599797 | | 1.83 | <0.005 | 0.09 | 6.07 | 4.2 | 730 | 1.62 | 0.14 | 0.35 | 0.02 | 100.0 | 0.5 | 11 | 0.46 | 2.2 |
| J599798 | | 1.69 | <0.005 | 0.03 | 5.17 | 4.8 | 630 | 2.00 | 0.12 | 0.31 | 0.02 | 89.7 | 0.9 | 10 | 0.45 | 2.0 |
| J599799 | | 1.78 | <0.005 | 0.04 | 5.63 | 4.6 | 610 | 2.18 | 0.13 | 0.38 | 0.02 | 94.6 | 1.5 | 10 | 0.43 | 2.6 |
| J599800 | | 0.03 | 1.350 | 0.79 | 7.69 | 2.3 | 100 | 2.24 | 0.59 | 0.85 | 0.12 | 14.45 | 8.8 | 30 | 19.25 | 11.9 |
| J599801 | | 1.71 | <0.005 | 0.15 | 5.33 | 7.4 | 770 | 1.89 | 0.19 | 0.40 | 0.05 | 82.9 | 1.4 | 10 | 0.47 | 5.3 |
| J599802 | | 1.87 | <0.005 | 0.05 | 5.89 | 5.4 | 710 | 2.06 | 0.15 | 0.34 | 0.02 | 106.5 | 0.9 | 9 | 0.54 | 5.0 |
| J599803 | | 1.65 | <0.005 | 0.07 | 6.10 | 10.9 | 780 | 1.76 | 0.13 | 0.37 | <0.02 | 109.5 | 1.9 | 11 | 0.49 | 2.4 |
| J599804 | | 1.95 | <0.005 | 0.11 | 5.92 | 17.3 | 810 | 1.67 | 0.23 | 0.48 | 0.03 | 103.0 | 3.0 | 11 | 0.49 | 33.4 |
| J599805 | | 2.00 | 0.014 | 0.08 | 5.90 | 17.5 | 760 | 1.73 | 0.17 | 0.52 | 0.03 | 106.0 | 2.8 | 11 | 0.47 | 19.5 |
| J599806 | | 1.75 | 0.019 | 0.07 | 5.61 | 20.5 | 660 | 2.94 | 0.19 | 0.55 | 0.02 | 96.3 | 3.2 | 10 | 0.50 | 12.2 |
| J599807 | | 1.87 | 0.013 | 0.06 | 5.56 | 14.1 | 800 | 1.54 | 0.15 | 0.40 | 0.03 | 105.0 | 1.6 | 9 | 0.40 | 5.0 |
| J599808 | | 1.94 | <0.005 | 0.13 | 5.72 | 6.7 | 820 | 1.84 | 0.10 | 0.40 | <0.02 | 114.0 | 1.6 | 10 | 0.46 | 3.6 |
| J599809 | | 1.79 | 0.013 | 0.11 | 5.80 | 28.4 | 810 | 2.56 | 0.15 | 0.47 | 0.02 | 98.9 | 2.5 | 12 | 0.42 | 6.9 |
| J599810 | | 1.88 | 0.033 | 0.08 | 5.60 | 155.0 | 690 | 1.61 | 0.13 | 0.67 | 0.03 | 85.3 | 2.6 | 12 | 0.43 | 8.8 |
| J599811 | | 1.91 | 0.005 | 0.03 | 5.88 | 65.9 | 880 | 1.69 | 0.10 | 0.40 | 0.06 | 112.0 | 1.8 | 10 | 0.43 | 6.0 |
| J599812 | | 1.56 | <0.005 | 0.01 | 5.78 | 76.3 | 800 | 1.68 | 0.10 | 0.46 | 0.03 | 99.6 | 1.8 | 8 | 0.48 | 7.4 |
| J599813 | | 1.22 | 0.006 | 0.06 | 6.38 | 275 | 600 | 2.10 | 0.14 | 0.48 | 0.04 | 72.4 | 2.5 | 9 | 0.40 | 13.8 |
| J599814 | | 1.52 | 0.008 | 0.03 | 6.07 | 357 | 880 | 1.84 | 0.12 | 0.37 | 0.03 | 101.5 | 3.0 | 13 | 0.45 | 5.9 |

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

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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599775 | | 1.53 | 16.35 | 0.21 | 7.4 | 0.041 | 2.76 | 58.6 | 2.8 | 0.03 | 331 | 1.56 | 2.95 | 14.7 | 0.5 | 50 |
| J599776 | | 2.13 | 18.85 | 0.17 | 7.1 | 0.061 | 2.38 | 71.2 | 6.0 | 0.06 | 187 | 0.87 | 1.99 | 15.3 | 2.3 | 40 |
| J599777 | | 1.42 | 16.45 | 0.15 | 7.2 | 0.074 | 2.58 | 50.6 | 9.5 | 0.06 | 102 | 0.68 | 0.75 | 13.5 | 1.2 | 40 |
| J599778 | | 1.37 | 15.85 | 0.17 | 6.7 | 0.041 | 2.69 | 66.5 | 6.5 | 0.05 | 144 | 0.92 | 1.37 | 14.3 | 1.2 | 40 |
| J599779 | | 1.24 | 17.45 | 0.17 | 8.0 | 0.039 | 2.82 | 63.6 | 6.6 | 0.06 | 181 | 1.15 | 1.87 | 15.5 | 1.0 | 40 |
| J599780 | | 1.50 | 17.65 | 0.14 | 8.5 | 0.049 | 2.55 | 65.8 | 3.1 | 0.05 | 330 | 1.61 | 3.21 | 16.9 | 1.6 | 50 |
| J599781 | | 1.59 | 18.25 | 0.18 | 8.0 | 0.040 | 2.64 | 65.5 | 2.9 | 0.04 | 307 | 1.18 | 3.30 | 17.0 | 2.0 | 60 |
| J599782 | | 1.57 | 17.45 | 0.16 | 7.3 | 0.036 | 2.48 | 60.3 | 3.3 | 0.04 | 288 | 1.59 | 3.16 | 16.3 | 1.4 | 50 |
| J599783 | | 1.77 | 17.55 | 0.17 | 8.3 | 0.041 | 3.16 | 62.7 | 2.9 | 0.04 | 278 | 1.69 | 3.04 | 16.6 | 1.0 | 50 |
| J599784 | | 1.51 | 17.55 | 0.16 | 7.8 | 0.046 | 2.80 | 57.6 | 2.8 | 0.04 | 255 | 1.48 | 3.21 | 16.3 | 1.7 | 50 |
| J599785 | | 1.43 | 17.55 | 0.16 | 7.9 | 0.035 | 2.72 | 59.5 | 2.5 | 0.04 | 242 | 1.26 | 3.33 | 15.7 | 1.0 | 50 |
| J599786 | | 1.41 | 17.90 | 0.19 | 7.9 | 0.033 | 2.73 | 62.0 | 3.2 | 0.04 | 293 | 1.50 | 3.10 | 16.6 | 1.0 | 50 |
| J599787 | | 1.55 | 17.40 | 0.19 | 8.3 | 0.034 | 3.31 | 68.6 | 3.4 | 0.04 | 249 | 1.88 | 2.98 | 16.2 | 0.9 | 50 |
| J599788 | | 1.72 | 18.45 | 0.17 | 8.1 | 0.030 | 3.40 | 65.3 | 3.7 | 0.04 | 310 | 1.54 | 2.86 | 17.1 | 1.1 | 50 |
| J599789 | | 1.51 | 18.15 | 0.17 | 7.9 | 0.031 | 3.40 | 59.3 | 3.4 | 0.03 | 342 | 1.75 | 2.87 | 16.7 | 1.0 | 40 |
| J599790 | | 1.30 | 17.40 | 0.16 | 8.2 | 0.035 | 3.20 | 55.4 | 4.3 | 0.03 | 422 | 1.72 | 2.71 | 16.3 | 1.0 | 50 |
| J599791 | | 1.94 | 18.50 | 0.17 | 8.0 | 0.120 | 3.10 | 55.4 | 8.1 | 0.04 | 89 | 4.66 | 0.89 | 16.8 | 0.8 | 40 |
| J599792 | | 0.85 | 16.55 | 0.18 | 6.8 | 0.036 | 3.36 | 48.9 | 3.6 | 0.02 | 177 | 1.35 | 2.60 | 16.4 | 0.9 | 20 |
| J599793 | | 1.13 | 15.10 | 0.15 | 7.3 | 0.039 | 3.24 | 49.1 | 3.1 | 0.02 | 146 | 1.66 | 2.67 | 15.0 | 1.1 | 20 |
| J599794 | | 1.65 | 21.7 | 0.16 | 9.0 | 0.137 | 3.07 | 48.2 | 12.8 | 0.05 | 105 | 2.75 | 0.62 | 21.6 | 0.7 | 20 |
| J599795 | | 0.86 | 16.75 | 0.18 | 7.1 | 0.028 | 3.22 | 54.3 | 3.2 | 0.02 | 156 | 1.54 | 2.66 | 17.2 | 1.5 | 20 |
| J599796 | | 1.00 | 18.65 | 0.13 | 9.8 | 0.030 | 3.43 | 38.7 | 2.1 | 0.01 | 156 | 2.20 | 2.82 | 22.9 | 1.5 | 10 |
| J599797 | | 1.20 | 16.80 | 0.15 | 6.9 | 0.026 | 3.47 | 47.4 | 2.2 | 0.02 | 211 | 1.50 | 2.78 | 14.3 | 1.2 | 10 |
| J599798 | | 1.09 | 16.85 | 0.14 | 7.7 | 0.028 | 3.12 | 41.8 | 2.0 | 0.02 | 147 | 1.79 | 2.67 | 17.4 | 1.2 | 20 |
| J599799 | | 1.22 | 18.10 | 0.13 | 8.5 | 0.035 | 2.98 | 46.4 | 2.1 | 0.02 | 180 | 3.18 | 2.76 | 20.3 | 1.5 | 10 |
| J599800 | | 3.93 | 19.20 | 0.08 | 1.4 | 0.012 | 2.52 | 6.6 | 5.2 | 0.86 | 240 | 1.06 | 5.08 | 8.9 | 32.8 | 670 |
| J599801 | | 1.13 | 16.85 | 0.15 | 7.1 | 0.036 | 3.33 | 39.7 | 2.3 | 0.02 | 214 | 1.84 | 2.65 | 17.4 | 1.4 | 20 |
| J599802 | | 1.26 | 17.80 | 0.13 | 7.0 | 0.032 | 3.36 | 50.4 | 2.3 | 0.02 | 137 | 1.69 | 2.72 | 16.1 | 0.5 | 20 |
| J599803 | | 1.22 | 16.90 | 0.16 | 6.7 | 0.034 | 3.38 | 53.2 | 2.4 | 0.02 | 174 | 2.03 | 2.74 | 14.9 | 1.3 | 20 |
| J599804 | | 1.21 | 16.20 | 0.17 | 5.9 | 0.048 | 3.32 | 50.2 | 3.1 | 0.03 | 198 | 2.91 | 2.62 | 14.8 | 2.1 | 20 |
| J599805 | | 1.29 | 16.45 | 0.16 | 7.1 | 0.037 | 2.72 | 51.4 | 4.3 | 0.03 | 187 | 1.29 | 2.87 | 15.2 | 0.9 | 20 |
| J599806 | | 1.55 | 16.50 | 0.14 | 7.1 | 0.044 | 2.11 | 47.5 | 3.9 | 0.03 | 201 | 1.78 | 3.07 | 16.8 | 1.0 | 20 |
| J599807 | | 1.15 | 15.70 | 0.18 | 6.4 | 0.045 | 3.08 | 53.6 | 2.3 | 0.02 | 199 | 1.61 | 2.61 | 13.9 | 0.6 | 20 |
| J599808 | | 1.26 | 16.35 | 0.17 | 6.5 | 0.041 | 3.25 | 51.6 | 2.4 | 0.02 | 191 | 1.57 | 2.75 | 14.9 | 1.8 | 20 |
| J599809 | | 1.17 | 16.15 | 0.15 | 6.7 | 0.031 | 2.60 | 47.8 | 2.8 | 0.02 | 253 | 1.71 | 2.96 | 15.2 | 1.1 | 20 |
| J599810 | | 1.33 | 15.70 | 0.13 | 6.1 | 0.036 | 2.19 | 43.2 | 3.4 | 0.02 | 378 | 1.44 | 3.06 | 14.9 | 1.1 | 20 |
| J599811 | | 1.25 | 17.25 | 0.20 | 6.7 | 0.026 | 2.64 | 54.4 | 3.2 | 0.02 | 221 | 1.10 | 2.85 | 16.0 | 0.8 | 30 |
| J599812 | | 1.21 | 16.70 | 0.18 | 7.0 | 0.031 | 2.35 | 50.1 | 2.8 | 0.02 | 294 | 1.53 | 2.90 | 15.3 | 0.8 | 30 |
| J599813 | | 1.43 | 19.55 | 0.16 | 6.8 | 0.044 | 1.81 | 36.0 | 2.6 | 0.02 | 337 | 2.27 | 3.82 | 14.6 | 0.8 | 20 |
| J599814 | | 1.36 | 18.20 | 0.19 | 7.9 | 0.038 | 3.18 | 50.8 | 3.5 | 0.02 | 295 | 7.83 | 2.80 | 16.9 | 1.0 | 20 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599775 | | 12.5 | 103.5 | <0.002 | 0.05 | 2.06 | 6.5 | 1 | 2.0 | 70.2 | 1.19 | <0.05 | 16.4 | 0.086 | 0.44 | 4.0 |
| J599776 | | 24.8 | 88.9 | <0.002 | 0.89 | 2.68 | 8.5 | 1 | 2.6 | 42.2 | 1.03 | <0.05 | 15.6 | 0.077 | 0.33 | 3.3 |
| J599777 | | 21.2 | 106.0 | <0.002 | 0.47 | 15.10 | 6.6 | 1 | 2.2 | 20.2 | 1.04 | <0.05 | 13.3 | 0.079 | 0.37 | 3.2 |
| J599778 | | 13.8 | 103.5 | <0.002 | 0.52 | 10.25 | 6.2 | 1 | 1.4 | 41.1 | 1.06 | <0.05 | 15.0 | 0.072 | 0.41 | 4.1 |
| J599779 | | 25.9 | 107.5 | <0.002 | 0.46 | 3.90 | 6.8 | 1 | 1.5 | 48.3 | 1.20 | <0.05 | 15.4 | 0.078 | 0.45 | 4.5 |
| J599780 | | 11.9 | 90.7 | <0.002 | 0.02 | 1.74 | 7.0 | 1 | 1.6 | 69.8 | 1.27 | <0.05 | 16.6 | 0.085 | 0.41 | 4.4 |
| J599781 | | 11.9 | 93.2 | 0.002 | 0.01 | 1.62 | 7.2 | 2 | 1.7 | 63.6 | 1.32 | <0.05 | 16.3 | 0.089 | 0.36 | 4.2 |
| J599782 | | 9.4 | 97.9 | 0.003 | 0.01 | 1.15 | 6.8 | 1 | 1.8 | 56.3 | 1.20 | <0.05 | 15.5 | 0.083 | 0.32 | 4.0 |
| J599783 | | 8.4 | 115.0 | <0.002 | <0.01 | 0.60 | 7.0 | 2 | 1.6 | 50.4 | 1.25 | <0.05 | 16.5 | 0.090 | 0.36 | 4.4 |
| J599784 | | 7.8 | 104.5 | <0.002 | <0.01 | 0.64 | 7.0 | 1 | 1.6 | 46.3 | 1.27 | <0.05 | 17.0 | 0.087 | 0.34 | 4.3 |
| J599785 | | 7.9 | 93.6 | <0.002 | <0.01 | 0.55 | 6.7 | 1 | 1.4 | 45.7 | 1.29 | <0.05 | 16.4 | 0.088 | 0.30 | 4.2 |
| J599786 | | 7.9 | 96.9 | <0.002 | 0.01 | 0.63 | 6.6 | 1 | 1.3 | 50.1 | 1.24 | <0.05 | 15.7 | 0.085 | 0.30 | 4.2 |
| J599787 | | 4.3 | 109.5 | 0.002 | 0.08 | 0.75 | 6.8 | 2 | 1.2 | 46.2 | 1.22 | <0.05 | 16.0 | 0.087 | 0.39 | 4.3 |
| J599788 | | 5.6 | 115.5 | <0.002 | 0.12 | 1.03 | 7.1 | 2 | 1.2 | 49.0 | 1.34 | <0.05 | 16.4 | 0.089 | 0.42 | 4.1 |
| J599789 | | 5.4 | 115.0 | <0.002 | 0.03 | 0.75 | 7.0 | 2 | 1.0 | 54.9 | 1.28 | <0.05 | 16.8 | 0.084 | 0.48 | 4.0 |
| J599790 | | 16.2 | 105.0 | <0.002 | 0.18 | 1.03 | 6.8 | 1 | 1.2 | 52.9 | 1.27 | <0.05 | 16.6 | 0.078 | 0.46 | 4.5 |
| J599791 | | 120.5 | 137.5 | 0.002 | 0.85 | 4.22 | 6.4 | 1 | 2.9 | 21.5 | 1.27 | <0.05 | 16.3 | 0.073 | 0.42 | 5.0 |
| J599792 | | 16.2 | 108.0 | <0.002 | 0.10 | 1.42 | 4.5 | 1 | 1.9 | 43.8 | 1.35 | <0.05 | 15.6 | 0.053 | 0.45 | 3.5 |
| J599793 | | 22.5 | 101.5 | 0.002 | 0.33 | 2.57 | 4.2 | 1 | 1.6 | 36.2 | 1.27 | <0.05 | 16.6 | 0.049 | 0.47 | 4.6 |
| J599794 | | 180.0 | 145.0 | 0.002 | 0.48 | 4.34 | 5.1 | <1 | 5.7 | 11.3 | 1.80 | <0.05 | 20.4 | 0.056 | 0.43 | 5.8 |
| J599795 | | 12.2 | 105.5 | <0.002 | 0.13 | 1.14 | 5.0 | 1 | 1.7 | 40.4 | 1.36 | <0.05 | 17.9 | 0.049 | 0.42 | 4.5 |
| J599796 | | 4.5 | 130.0 | <0.002 | 0.03 | 0.92 | 3.8 | 2 | 2.6 | 25.4 | 1.95 | <0.05 | 20.0 | 0.042 | 0.48 | 4.7 |
| J599797 | | 4.1 | 121.5 | <0.002 | <0.01 | 0.87 | 4.4 | 1 | 2.2 | 37.7 | 1.13 | <0.05 | 15.8 | 0.044 | 0.46 | 3.7 |
| J599798 | | 3.3 | 108.0 | 0.002 | <0.01 | 0.87 | 3.9 | 1 | 2.5 | 28.4 | 1.46 | <0.05 | 15.8 | 0.041 | 0.43 | 4.5 |
| J599799 | | 3.7 | 107.5 | <0.002 | <0.01 | 0.94 | 4.2 | 1 | 2.5 | 34.7 | 1.66 | <0.05 | 18.8 | 0.045 | 0.38 | 5.5 |
| J599800 | | 84.1 | 550 | <0.002 | 3.02 | 1.49 | 3.2 | <1 | 1.1 | 160.5 | 0.72 | <0.05 | 2.6 | 0.215 | 6.56 | 1.3 |
| J599801 | | 4.9 | 117.0 | <0.002 | 0.02 | 0.95 | 4.5 | 1 | 2.4 | 32.7 | 1.38 | <0.05 | 15.0 | 0.051 | 0.45 | 6.3 |
| J599802 | | 4.1 | 132.0 | <0.002 | <0.01 | 1.00 | 4.7 | 1 | 2.3 | 26.2 | 1.25 | <0.05 | 16.4 | 0.047 | 0.46 | 4.0 |
| J599803 | | 3.7 | 116.0 | 0.002 | <0.01 | 0.96 | 4.9 | 1 | 2.3 | 34.6 | 1.19 | <0.05 | 16.3 | 0.050 | 0.45 | 4.6 |
| J599804 | | 7.4 | 127.0 | 0.002 | 0.08 | 0.94 | 4.5 | 1 | 2.6 | 39.2 | 1.16 | <0.05 | 16.6 | 0.052 | 0.41 | 5.1 |
| J599805 | | 4.4 | 106.5 | <0.002 | 0.12 | 1.03 | 4.6 | 1 | 2.3 | 47.8 | 1.16 | <0.05 | 17.2 | 0.051 | 0.35 | 4.3 |
| J599806 | | 5.3 | 83.1 | 0.002 | 0.11 | 0.97 | 4.2 | 1 | 2.6 | 44.4 | 1.37 | <0.05 | 17.7 | 0.048 | 0.27 | 4.8 |
| J599807 | | 3.6 | 104.5 | 0.002 | 0.03 | 0.97 | 4.6 | 1 | 2.7 | 41.5 | 1.10 | <0.05 | 15.9 | 0.050 | 0.36 | 4.1 |
| J599808 | | 5.2 | 120.0 | 0.002 | <0.01 | 1.04 | 4.6 | 1 | 2.7 | 40.0 | 1.15 | <0.05 | 16.3 | 0.049 | 0.35 | 4.2 |
| J599809 | | 7.0 | 89.7 | <0.002 | 0.06 | 1.08 | 4.5 | 2 | 1.9 | 57.9 | 1.24 | <0.05 | 16.8 | 0.051 | 0.30 | 4.6 |
| J599810 | | 5.9 | 80.1 | <0.002 | 0.08 | 1.27 | 4.5 | 2 | 1.6 | 54.4 | 1.22 | <0.05 | 15.7 | 0.053 | 0.28 | 4.6 |
| J599811 | | 6.1 | 83.9 | <0.002 | 0.05 | 1.18 | 4.9 | 1 | 1.5 | 57.8 | 1.23 | <0.05 | 15.4 | 0.049 | 0.32 | 4.4 |
| J599812 | | 6.3 | 80.6 | <0.002 | 0.05 | 1.05 | 4.9 | 1 | 1.5 | 56.6 | 1.19 | <0.05 | 15.1 | 0.050 | 0.33 | 3.7 |
| J599813 | | 6.2 | 66.1 | <0.002 | 0.15 | 1.23 | 4.5 | 1 | 1.8 | 50.5 | 1.17 | <0.05 | 13.6 | 0.059 | 0.26 | 3.7 |
| J599814 | | 6.7 | 107.0 | <0.002 | 0.10 | 1.37 | 5.2 | 1 | 2.0 | 49.2 | 1.31 | <0.05 | 16.7 | 0.043 | 0.43 | 5.0 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|
| J599775 | | 1 | 1.3 | 34.9 | 32 | 232 |
| J599776 | | 1 | 5.2 | 22.4 | 17 | 255 |
| J599777 | | <1 | 7.5 | 13.2 | 23 | 250 |
| J599778 | | <1 | 5.9 | 19.1 | 18 | 234 |
| J599779 | | <1 | 4.6 | 22.5 | 23 | 269 |
| J599780 | | <1 | 1.6 | 30.9 | 32 | 281 |
| J599781 | | 1 | 1.0 | 33.1 | 32 | 268 |
| J599782 | | <1 | 1.3 | 32.9 | 28 | 260 |
| J599783 | | <1 | 1.1 | 36.0 | 28 | 288 |
| J599784 | | <1 | 1.1 | 30.9 | 21 | 266 |
| J599785 | | 1 | 1.1 | 27.7 | 23 | 264 |
| J599786 | | <1 | 1.1 | 28.6 | 21 | 266 |
| J599787 | | <1 | 1.3 | 25.9 | 12 | 279 |
| J599788 | | <1 | 1.2 | 26.3 | 14 | 265 |
| J599789 | | <1 | 1.3 | 22.4 | 12 | 268 |
| J599790 | | <1 | 1.8 | 24.4 | 24 | 268 |
| J599791 | | <1 | 5.0 | 15.5 | 131 | 261 |
| J599792 | | 1 | 1.3 | 17.6 | 28 | 198.5 |
| J599793 | | <1 | 1.8 | 14.2 | 33 | 211 |
| J599794 | | <1 | 7.4 | 14.1 | 248 | 253 |
| J599795 | | 1 | 1.6 | 16.8 | 22 | 208 |
| J599796 | | <1 | 1.8 | 24.2 | 8 | 253 |
| J599797 | | <1 | 1.5 | 14.0 | 11 | 204 |
| J599798 | | <1 | 1.9 | 16.6 | 10 | 211 |
| J599799 | | <1 | 1.9 | 21.8 | 10 | 238 |
| J599800 | | 27 | 0.2 | 4.3 | 36 | 49.8 |
| J599801 | | <1 | 1.9 | 17.5 | 13 | 209 |
| J599802 | | <1 | 1.9 | 17.2 | 14 | 210 |
| J599803 | | <1 | 2.1 | 14.1 | 13 | 196.5 |
| J599804 | | <1 | 2.3 | 19.4 | 16 | 189.0 |
| J599805 | | 1 | 2.1 | 19.2 | 12 | 219 |
| J599806 | | <1 | 2.0 | 23.3 | 9 | 217 |
| J599807 | | <1 | 2.0 | 16.0 | 10 | 201 |
| J599808 | | 1 | 1.9 | 16.8 | 12 | 204 |
| J599809 | | 1 | 1.7 | 19.8 | 15 | 202 |
| J599810 | | <1 | 1.3 | 20.4 | 15 | 183.5 |
| J599811 | | 1 | 1.3 | 20.6 | 19 | 212 |
| J599812 | | 1 | 1.3 | 22.3 | 20 | 219 |
| J599813 | | 1 | 1.6 | 21.0 | 17 | 216 |
| J599814 | | <1 | 2.0 | 18.8 | 14 | 242 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599815 | | 1.50 | 0.059 | 0.07 | 6.09 | 300 | 830 | 1.62 | 0.11 | 0.47 | 0.12 | 124.0 | 1.7 | 19 | 0.45 | 6.2 |
| J599816 | | 1.46 | 0.435 | 0.28 | 5.91 | 224 | 620 | 1.80 | 0.18 | 0.24 | 0.45 | 99.1 | 1.5 | 7 | 0.52 | 20.1 |
| J599817 | | 1.30 | 0.165 | 0.16 | 6.07 | 282 | 740 | 1.87 | 0.14 | 0.45 | 0.03 | 97.1 | 1.7 | 16 | 0.43 | 9.3 |
| J599818 | | 2.04 | 0.022 | 0.13 | 5.75 | 305 | 770 | 2.00 | 0.15 | 0.57 | 0.13 | 94.3 | 1.8 | 12 | 0.51 | 16.4 |
| J599819 | | 1.76 | 0.005 | 0.11 | 5.84 | 54.1 | 790 | 1.93 | 0.10 | 0.44 | 0.02 | 100.0 | 1.5 | 11 | 0.48 | 5.0 |
| J599820 | | 1.95 | 0.018 | 0.10 | 5.71 | 97.6 | 790 | 1.72 | 0.14 | 0.38 | 0.06 | 110.0 | 1.5 | 10 | 0.47 | 6.0 |
| J599821 | | 1.70 | 0.107 | 0.14 | 5.97 | 33.0 | 810 | 1.52 | 0.11 | 0.37 | 0.09 | 98.0 | 1.4 | 9 | 0.45 | 5.1 |
| J599822 | | 1.88 | 0.077 | 0.13 | 5.95 | 67.7 | 800 | 1.70 | 0.11 | 0.36 | 0.07 | 114.5 | 1.4 | 14 | 0.43 | 4.2 |
| J599823 | | 1.89 | 0.021 | 0.11 | 5.96 | 77.5 | 840 | 1.55 | 0.14 | 0.41 | 0.18 | 112.5 | 1.6 | 14 | 0.45 | 5.3 |
| J599824 | | 1.79 | 0.006 | 0.13 | 6.19 | 25.7 | 850 | 1.65 | 0.12 | 0.46 | 0.13 | 110.5 | 1.8 | 15 | 0.53 | 8.7 |
| J599825 | | 0.03 | 3.48 | 0.17 | 1.54 | 1.2 | 100 | 0.33 | 0.15 | 0.01 | 0.15 | 19.80 | 1.2 | 11 | 0.62 | 6.4 |
| J599826 | | 2.01 | 0.010 | 0.09 | 5.99 | 20.1 | 790 | 2.07 | 0.11 | 0.37 | 0.06 | 111.0 | 2.0 | 11 | 0.48 | 4.6 |
| J599827 | | 1.68 | <0.005 | 0.09 | 6.14 | 15.7 | 870 | 1.95 | 0.11 | 0.40 | <0.02 | 108.0 | 4.9 | 10 | 0.46 | 2.9 |
| J599828 | | 1.57 | <0.005 | 0.07 | 5.92 | 14.5 | 840 | 1.92 | 0.12 | 0.35 | 0.02 | 102.5 | 1.8 | 11 | 0.42 | 2.9 |
| J599829 | | 1.68 | <0.005 | 0.12 | 5.96 | 20.0 | 800 | 1.93 | 0.13 | 0.34 | 0.02 | 94.6 | 1.5 | 10 | 0.45 | 4.5 |
| J599830 | | 1.77 | <0.005 | 0.39 | 5.93 | 16.6 | 840 | 2.12 | 0.16 | 0.39 | 0.06 | 108.5 | 2.0 | 14 | 0.43 | 7.3 |
| J599831 | | 1.71 | <0.005 | 0.19 | 5.83 | 16.4 | 800 | 1.94 | 0.18 | 0.42 | <0.02 | 105.5 | 2.0 | 10 | 0.44 | 7.3 |
| J599832 | | 1.83 | <0.005 | 0.10 | 6.16 | 114.5 | 880 | 2.11 | 0.16 | 0.37 | 0.03 | 106.5 | 2.2 | 9 | 0.46 | 5.0 |
| J599833 | | 1.81 | <0.005 | 0.08 | 5.76 | 13.7 | 840 | 1.91 | 0.20 | 0.34 | <0.02 | 105.0 | 1.0 | 9 | 0.51 | 4.4 |
| J599834 | | 1.66 | 0.006 | 0.06 | 5.45 | 20.6 | 780 | 1.78 | 0.19 | 0.34 | 0.02 | 97.7 | 1.4 | 11 | 0.53 | 3.2 |
| J599835 | | 1.14 | 0.045 | 0.19 | 5.96 | 47.4 | 810 | 1.64 | 0.13 | 0.38 | 0.33 | 115.5 | 1.7 | 10 | 0.52 | 7.7 |
| J599836 | | 1.12 | 0.027 | 0.07 | 5.79 | 194.5 | 780 | 1.72 | 0.14 | 0.36 | 0.13 | 116.5 | 1.8 | 7 | 0.50 | 7.0 |
| J599837 | | 1.14 | 0.071 | 0.07 | 5.75 | 271 | 810 | 1.52 | 0.15 | 0.50 | 0.06 | 109.5 | 2.1 | 11 | 0.49 | 8.7 |
| J599838 | | 1.20 | 0.148 | 0.18 | 5.70 | 46.7 | 880 | 1.29 | 0.16 | 0.50 | 0.09 | 92.1 | 2.1 | 7 | 0.61 | 18.9 |
| J599839 | | 1.18 | 0.394 | 0.16 | 5.86 | 294 | 870 | 1.69 | 0.21 | 0.43 | 0.05 | 121.5 | 2.1 | 9 | 0.62 | 29.8 |
| J599840 | | 1.16 | 0.144 | 0.24 | 6.01 | 116.5 | 960 | 2.08 | 0.22 | 0.49 | 0.09 | 118.5 | 1.9 | 9 | 0.87 | 31.0 |
| J599841 | | 1.22 | 0.026 | 0.13 | 5.86 | 147.0 | 910 | 1.93 | 0.12 | 0.42 | 0.03 | 113.5 | 2.9 | 10 | 0.66 | 10.2 |
| J599842 | | 1.06 | 0.082 | 0.15 | 5.88 | 69.8 | 810 | 2.08 | 0.13 | 0.41 | 0.04 | 105.5 | 1.9 | 10 | 0.63 | 8.6 |
| J599843 | | 1.15 | 0.135 | 0.31 | 6.43 | 133.0 | 930 | 1.87 | 0.15 | 0.69 | 0.14 | 111.5 | 3.8 | 8 | 1.03 | 34.1 |
| J599844 | | 1.17 | 0.053 | 0.08 | 5.84 | 370 | 820 | 1.42 | 0.11 | 0.36 | 0.02 | 105.0 | 1.6 | 9 | 0.72 | 5.1 |
| J599845 | | 1.11 | 0.211 | 0.12 | 5.62 | 924 | 630 | 1.66 | 0.13 | 0.24 | 0.05 | 91.6 | 1.0 | 6 | 0.75 | 19.7 |
| J599846 | | 1.13 | 1.975 | 0.19 | 5.98 | 1240 | 650 | 2.30 | 0.23 | 0.17 | 0.10 | 113.0 | 1.2 | 7 | 0.90 | 35.7 |
| J599847 | | 1.19 | 0.020 | 0.20 | 6.14 | 413 | 840 | 1.77 | 0.18 | 0.40 | 0.19 | 112.5 | 1.9 | 8 | 0.67 | 15.3 |
| J599848 | | 1.90 | 0.009 | 0.09 | 6.24 | 12.9 | 830 | 2.14 | 0.18 | 0.37 | 0.02 | 120.0 | 0.5 | 12 | 0.86 | 3.4 |
| J599849 | | 1.71 | <0.005 | 0.11 | 6.36 | 13.4 | 850 | 1.70 | 0.16 | 0.45 | 0.02 | 127.5 | 0.6 | 12 | 0.78 | 7.9 |
| J599850 | | 0.03 | 8.25 | 0.45 | 8.47 | 3.9 | 180 | 2.21 | 0.11 | 1.16 | 0.45 | 20.0 | 10.4 | 39 | 1.56 | 16.9 |
| J599851 | | 1.69 | <0.005 | 0.14 | 6.41 | 8.2 | 900 | 2.28 | 0.13 | 0.42 | 0.03 | 118.0 | 0.9 | 10 | 0.86 | 5.4 |
| J599852 | | 1.78 | <0.005 | 0.13 | 6.41 | 22.5 | 970 | 1.98 | 0.09 | 0.45 | 0.05 | 127.0 | 1.1 | 11 | 0.86 | 7.3 |
| J599853 | | 1.63 | <0.005 | 0.08 | 6.16 | 4.0 | 860 | 2.29 | 0.10 | 0.35 | 0.02 | 111.5 | 0.5 | 9 | 0.88 | 3.8 |
| J599854 | | 1.71 | <0.005 | 0.10 | 6.20 | 21.5 | 860 | 1.94 | 0.17 | 0.41 | 0.09 | 117.0 | 0.6 | 11 | 0.87 | 6.7 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599815 | | 1.14 | 18.15 | 0.23 | 7.0 | 0.039 | 3.28 | 60.5 | 4.9 | 0.02 | 316 | 1.93 | 2.58 | 17.4 | 2.9 | 20 |
| J599816 | | 1.45 | 16.20 | 0.17 | 6.5 | 0.079 | 3.05 | 49.5 | 10.0 | 0.03 | 97 | 1.95 | 1.00 | 14.0 | 0.7 | 20 |
| J599817 | | 1.06 | 16.30 | 0.17 | 7.0 | 0.024 | 3.01 | 49.0 | 3.0 | 0.02 | 326 | 1.59 | 2.72 | 17.0 | 0.7 | 20 |
| J599818 | | 1.25 | 16.45 | 0.16 | 7.1 | 0.039 | 2.94 | 49.0 | 4.2 | 0.02 | 470 | 24.0 | 2.58 | 17.1 | 0.9 | 20 |
| J599819 | | 1.36 | 15.95 | 0.18 | 6.8 | 0.022 | 3.18 | 51.7 | 3.1 | 0.02 | 328 | 2.12 | 2.68 | 15.3 | 0.8 | 20 |
| J599820 | | 1.20 | 16.00 | 0.15 | 6.4 | 0.028 | 3.21 | 53.7 | 2.7 | 0.02 | 273 | 2.43 | 2.62 | 15.4 | 0.6 | 10 |
| J599821 | | 1.24 | 16.20 | 0.15 | 7.2 | 0.032 | 3.42 | 51.3 | 5.3 | 0.02 | 213 | 2.79 | 2.51 | 15.7 | 0.4 | 20 |
| J599822 | | 1.25 | 16.45 | 0.18 | 6.0 | 0.031 | 3.35 | 56.9 | 3.0 | 0.02 | 234 | 2.36 | 2.66 | 15.0 | 0.6 | 20 |
| J599823 | | 1.24 | 16.70 | 0.18 | 6.7 | 0.042 | 3.42 | 53.3 | 3.4 | 0.02 | 312 | 2.49 | 2.63 | 16.3 | 0.4 | 20 |
| J599824 | | 1.24 | 16.75 | 0.17 | 7.2 | 0.038 | 3.41 | 53.9 | 3.2 | 0.02 | 367 | 2.69 | 2.65 | 16.3 | 0.5 | 20 |
| J599825 | | 1.38 | 3.55 | 0.07 | 0.6 | 0.014 | 0.16 | 10.0 | 17.3 | 0.02 | 102 | 0.76 | 0.02 | 3.3 | 5.4 | 40 |
| J599826 | | 1.29 | 17.10 | 0.16 | 6.6 | 0.029 | 3.34 | 54.8 | 2.7 | 0.02 | 260 | 2.02 | 2.71 | 15.7 | 0.6 | 20 |
| J599827 | | 1.36 | 16.70 | 0.19 | 6.7 | 0.027 | 3.44 | 51.9 | 2.7 | 0.02 | 196 | 1.64 | 2.72 | 15.9 | 0.6 | 20 |
| J599828 | | 1.28 | 15.75 | 0.16 | 6.3 | 0.021 | 3.22 | 51.6 | 2.5 | 0.02 | 187 | 1.89 | 2.68 | 14.8 | 0.4 | 20 |
| J599829 | | 1.30 | 16.60 | 0.16 | 7.0 | 0.023 | 3.28 | 49.5 | 2.8 | 0.02 | 226 | 2.63 | 2.75 | 16.1 | 0.5 | 20 |
| J599830 | | 1.23 | 16.20 | 0.16 | 6.7 | 0.025 | 3.11 | 50.2 | 3.0 | 0.02 | 204 | 1.94 | 2.83 | 14.8 | 0.4 | 20 |
| J599831 | | 1.25 | 15.95 | 0.19 | 6.3 | 0.022 | 3.01 | 50.3 | 2.7 | 0.02 | 226 | 1.44 | 2.81 | 14.6 | 0.5 | 20 |
| J599832 | | 1.32 | 17.05 | 0.16 | 6.0 | 0.025 | 3.35 | 53.7 | 3.0 | 0.02 | 162 | 1.94 | 2.83 | 15.1 | 0.4 | 20 |
| J599833 | | 1.27 | 16.15 | 0.18 | 6.4 | 0.034 | 3.21 | 52.9 | 2.8 | 0.02 | 234 | 2.55 | 2.69 | 14.8 | 0.4 | 20 |
| J599834 | | 1.22 | 16.45 | 0.18 | 6.2 | 0.021 | 3.26 | 48.6 | 3.4 | 0.02 | 286 | 4.85 | 2.66 | 14.9 | 0.3 | 20 |
| J599835 | | 1.21 | 17.00 | 0.19 | 6.4 | 0.022 | 3.31 | 54.7 | 4.1 | 0.02 | 344 | 2.05 | 2.59 | 16.0 | 0.4 | 30 |
| J599836 | | 1.20 | 16.60 | 0.17 | 6.3 | 0.028 | 3.15 | 57.2 | 4.2 | 0.02 | 395 | 1.26 | 2.62 | 15.6 | 0.3 | 20 |
| J599837 | | 1.31 | 15.10 | 0.19 | 6.6 | 0.025 | 3.20 | 53.2 | 4.6 | 0.02 | 396 | 1.75 | 2.47 | 14.8 | 0.5 | 20 |
| J599838 | | 1.38 | 13.95 | 0.17 | 6.0 | 0.031 | 3.30 | 44.0 | 5.9 | 0.02 | 418 | 1.32 | 2.16 | 14.2 | 0.3 | 20 |
| J599839 | | 1.47 | 16.10 | 0.19 | 6.8 | 0.051 | 3.29 | 60.6 | 6.9 | 0.02 | 287 | 5.86 | 2.18 | 16.9 | 0.7 | 30 |
| J599840 | | 1.66 | 19.10 | 0.20 | 6.7 | 0.058 | 3.26 | 58.4 | 7.8 | 0.03 | 577 | 4.48 | 2.06 | 18.1 | 1.1 | 20 |
| J599841 | | 1.27 | 17.80 | 0.21 | 6.5 | 0.042 | 3.14 | 52.6 | 4.1 | 0.02 | 365 | 1.70 | 2.72 | 16.3 | 0.9 | 20 |
| J599842 | | 1.54 | 17.45 | 0.18 | 6.8 | 0.030 | 3.11 | 49.0 | 2.8 | 0.02 | 303 | 2.25 | 2.75 | 16.6 | 0.9 | 20 |
| J599843 | | 1.85 | 19.20 | 0.18 | 6.3 | 0.093 | 3.31 | 52.7 | 8.2 | 0.04 | 727 | 4.96 | 2.40 | 15.8 | 0.8 | 20 |
| J599844 | | 1.26 | 16.70 | 0.19 | 5.7 | 0.022 | 3.09 | 50.0 | 3.6 | 0.02 | 282 | 1.99 | 2.66 | 14.9 | 0.5 | 20 |
| J599845 | | 1.34 | 15.75 | 0.19 | 5.3 | 0.053 | 2.76 | 44.4 | 8.7 | 0.02 | 137 | 1.68 | 1.47 | 13.9 | 1.3 | 10 |
| J599846 | | 1.97 | 19.85 | 0.19 | 6.8 | 0.097 | 2.90 | 53.0 | 14.8 | 0.04 | 121 | 2.77 | 1.07 | 15.7 | 0.7 | 20 |
| J599847 | | 1.44 | 17.40 | 0.19 | 6.7 | 0.058 | 3.24 | 54.3 | 2.9 | 0.02 | 359 | 2.50 | 2.83 | 16.1 | 1.0 | 20 |
| J599848 | | 1.41 | 17.75 | 0.20 | 7.1 | 0.038 | 3.22 | 55.9 | 2.2 | 0.02 | 228 | 6.44 | 2.94 | 16.4 | 0.7 | 30 |
| J599849 | | 1.47 | 18.10 | 0.21 | 6.9 | 0.043 | 3.13 | 58.6 | 2.5 | 0.03 | 332 | 2.00 | 3.16 | 16.6 | 0.9 | 30 |
| J599850 | | 4.68 | 20.0 | 0.12 | 1.4 | 0.017 | 2.31 | 9.2 | 2.0 | 0.99 | 282 | 2.09 | 4.99 | 9.3 | 41.1 | 690 |
| J599851 | | 1.47 | 18.25 | 0.20 | 6.5 | 0.052 | 3.13 | 57.7 | 2.6 | 0.03 | 322 | 2.53 | 3.15 | 16.3 | 1.0 | 30 |
| J599852 | | 1.37 | 17.70 | 0.21 | 6.7 | 0.050 | 3.21 | 61.4 | 3.1 | 0.03 | 329 | 1.80 | 3.07 | 15.8 | 0.7 | 30 |
| J599853 | | 1.35 | 18.00 | 0.19 | 6.7 | 0.042 | 3.27 | 50.5 | 2.3 | 0.02 | 216 | 1.62 | 2.98 | 17.5 | 0.9 | 20 |
| J599854 | | 1.36 | 17.65 | 0.20 | 6.9 | 0.048 | 3.17 | 55.3 | 2.5 | 0.02 | 346 | 2.91 | 2.93 | 16.9 | 1.0 | 20 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599815 | | 8.7 | 111.0 | <0.002 | 0.15 | 1.60 | 4.8 | 2 | 1.7 | 43.7 | 1.39 | <0.05 | 16.5 | 0.045 | 0.45 | 4.2 |
| J599816 | | 39.7 | 130.0 | 0.003 | 0.50 | 2.63 | 4.3 | 1 | 3.1 | 20.4 | 1.15 | <0.05 | 17.0 | 0.051 | 0.40 | 4.6 |
| J599817 | | 9.7 | 115.0 | <0.002 | 0.15 | 1.19 | 4.2 | 1 | 1.6 | 41.7 | 1.44 | <0.05 | 18.6 | 0.051 | 0.40 | 5.4 |
| J599818 | | 17.7 | 117.0 | 0.003 | 0.16 | 1.62 | 4.3 | 2 | 2.3 | 44.4 | 1.39 | <0.05 | 18.1 | 0.050 | 0.42 | 5.0 |
| J599819 | | 5.6 | 116.5 | <0.002 | 0.06 | 1.15 | 4.0 | 1 | 1.6 | 39.1 | 1.19 | <0.05 | 17.8 | 0.044 | 0.47 | 4.1 |
| J599820 | | 12.5 | 122.5 | <0.002 | 0.11 | 1.35 | 4.2 | 2 | 1.9 | 35.5 | 1.21 | <0.05 | 17.7 | 0.049 | 0.43 | 4.7 |
| J599821 | | 24.5 | 135.0 | 0.002 | 0.28 | 1.98 | 4.7 | 1 | 1.9 | 33.9 | 1.30 | <0.05 | 17.6 | 0.050 | 0.44 | 5.1 |
| J599822 | | 13.3 | 129.0 | 0.002 | 0.11 | 1.06 | 4.8 | 2 | 1.9 | 34.9 | 1.23 | <0.05 | 17.6 | 0.047 | 0.45 | 4.3 |
| J599823 | | 26.5 | 136.0 | 0.002 | 0.16 | 1.14 | 4.6 | 1 | 1.9 | 35.2 | 1.25 | <0.05 | 17.7 | 0.053 | 0.43 | 4.8 |
| J599824 | | 29.1 | 131.5 | 0.002 | 0.10 | 0.85 | 4.6 | 2 | 2.0 | 40.0 | 1.33 | <0.05 | 18.7 | 0.054 | 0.43 | 5.1 |
| J599825 | | 28.7 | 14.6 | 0.002 | 1.04 | 0.65 | 1.3 | 1 | 1.4 | 13.8 | 0.27 | <0.05 | 3.6 | 0.077 | 0.43 | 0.5 |
| J599826 | | 19.9 | 135.0 | <0.002 | 0.03 | 1.08 | 4.6 | 2 | 1.7 | 39.1 | 1.20 | <0.05 | 17.4 | 0.050 | 0.39 | 4.2 |
| J599827 | | 3.9 | 128.0 | <0.002 | <0.01 | 1.01 | 4.7 | 1 | 1.5 | 39.4 | 1.27 | <0.05 | 17.6 | 0.051 | 0.39 | 4.1 |
| J599828 | | 4.0 | 117.5 | 0.002 | 0.01 | 0.91 | 4.2 | 1 | 1.3 | 39.7 | 1.16 | <0.05 | 16.8 | 0.050 | 0.35 | 4.4 |
| J599829 | | 6.9 | 115.0 | 0.002 | 0.01 | 1.01 | 4.9 | 1 | 1.5 | 43.4 | 1.28 | <0.05 | 17.0 | 0.052 | 0.34 | 4.8 |
| J599830 | | 19.2 | 110.5 | <0.002 | 0.02 | 1.21 | 4.6 | 1 | 1.3 | 43.4 | 1.18 | <0.05 | 17.3 | 0.052 | 0.33 | 4.8 |
| J599831 | | 5.1 | 114.5 | <0.002 | 0.02 | 1.06 | 4.0 | 2 | 1.2 | 44.4 | 1.10 | <0.05 | 16.1 | 0.048 | 0.35 | 4.1 |
| J599832 | | 11.4 | 129.0 | 0.002 | 0.02 | 1.02 | 4.8 | 2 | 1.7 | 37.7 | 1.17 | <0.05 | 16.9 | 0.055 | 0.42 | 4.3 |
| J599833 | | 4.7 | 127.5 | <0.002 | 0.01 | 0.90 | 4.6 | 1 | 1.9 | 33.0 | 1.18 | <0.05 | 17.0 | 0.052 | 0.46 | 4.2 |
| J599834 | | 5.2 | 129.5 | 0.002 | 0.02 | 0.95 | 4.5 | 2 | 1.6 | 31.8 | 1.16 | <0.05 | 15.0 | 0.052 | 0.47 | 4.0 |
| J599835 | | 76.6 | 129.5 | <0.002 | 0.15 | 1.39 | 4.8 | 2 | 1.7 | 32.4 | 1.20 | <0.05 | 17.4 | 0.054 | 0.50 | 4.5 |
| J599836 | | 14.0 | 123.0 | <0.002 | 0.17 | 0.93 | 4.7 | 1 | 1.7 | 34.9 | 1.22 | <0.05 | 17.2 | 0.051 | 0.49 | 4.5 |
| J599837 | | 11.8 | 123.0 | 0.002 | 0.20 | 0.89 | 4.2 | 2 | 2.0 | 33.1 | 1.19 | <0.05 | 17.0 | 0.053 | 0.48 | 4.7 |
| J599838 | | 15.9 | 123.0 | <0.002 | 0.34 | 0.83 | 4.1 | 1 | 2.2 | 32.4 | 1.15 | <0.05 | 15.3 | 0.055 | 0.48 | 4.2 |
| J599839 | | 15.5 | 138.5 | 0.003 | 0.42 | 1.03 | 5.0 | 2 | 2.7 | 32.5 | 1.29 | <0.05 | 17.6 | 0.058 | 0.48 | 5.0 |
| J599840 | | 28.5 | 140.0 | 0.002 | 0.58 | 1.84 | 6.2 | 1 | 2.8 | 33.7 | 1.46 | <0.05 | 17.2 | 0.054 | 0.53 | 4.5 |
| J599841 | | 12.1 | 123.5 | <0.002 | 0.12 | 1.01 | 5.0 | 1 | 2.3 | 43.0 | 1.39 | <0.05 | 15.9 | 0.057 | 0.50 | 3.9 |
| J599842 | | 13.1 | 116.0 | <0.002 | 0.09 | 1.24 | 4.9 | 1 | 1.8 | 36.1 | 1.35 | <0.05 | 16.0 | 0.052 | 0.45 | 4.3 |
| J599843 | | 49.6 | 142.5 | 0.002 | 0.42 | 1.37 | 5.7 | 1 | 4.9 | 32.5 | 1.37 | <0.05 | 16.1 | 0.059 | 0.55 | 4.1 |
| J599844 | | 8.9 | 117.5 | 0.002 | 0.09 | 0.87 | 4.6 | 1 | 2.1 | 36.3 | 1.27 | <0.05 | 14.8 | 0.053 | 0.49 | 3.9 |
| J599845 | | 12.0 | 115.0 | <0.002 | 0.44 | 1.20 | 4.4 | 1 | 2.6 | 21.7 | 1.16 | <0.05 | 14.0 | 0.048 | 0.40 | 4.1 |
| J599846 | | 29.4 | 139.0 | 0.002 | 0.70 | 1.58 | 5.7 | 1 | 4.2 | 18.0 | 1.37 | <0.05 | 18.0 | 0.057 | 0.45 | 4.7 |
| J599847 | | 20.6 | 119.5 | 0.002 | 0.15 | 1.42 | 5.3 | 1 | 1.9 | 42.2 | 1.34 | <0.05 | 17.6 | 0.059 | 0.51 | 4.4 |
| J599848 | | 5.9 | 132.5 | <0.002 | 0.01 | 1.09 | 5.0 | 1 | 2.1 | 37.4 | 1.31 | <0.05 | 16.4 | 0.057 | 0.49 | 3.7 |
| J599849 | | 4.7 | 121.5 | <0.002 | 0.02 | 1.25 | 5.7 | 1 | 2.1 | 43.8 | 1.32 | <0.05 | 16.6 | 0.061 | 0.48 | 4.2 |
| J599850 | | 89.5 | 222 | 0.002 | 3.35 | 1.10 | 3.8 | <1 | 1.0 | 187.5 | 0.81 | <0.05 | 3.1 | 0.262 | 1.91 | 1.0 |
| J599851 | | 5.5 | 129.5 | <0.002 | 0.01 | 1.07 | 5.7 | 1 | 2.4 | 41.5 | 1.33 | <0.05 | 15.5 | 0.064 | 0.50 | 4.4 |
| J599852 | | 10.3 | 129.0 | <0.002 | 0.03 | 0.98 | 5.7 | 1 | 2.3 | 39.4 | 1.29 | <0.05 | 16.2 | 0.065 | 0.50 | 3.9 |
| J599853 | | 4.9 | 142.0 | <0.002 | <0.01 | 0.93 | 5.1 | 1 | 2.4 | 29.4 | 1.39 | <0.05 | 15.4 | 0.057 | 0.54 | 3.9 |
| J599854 | | 14.5 | 132.5 | <0.002 | 0.04 | 1.00 | 5.2 | 1 | 2.5 | 38.1 | 1.41 | <0.05 | 16.5 | 0.058 | 0.50 | 4.5 |

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

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To: **RAINY RIVER RESOURCES LTD.**
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**TORONTO ON M5H 3W4**


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|
| J599815 | | 1 | 1.8 | 20.4 | 40 | 220 |
| J599816 | | <1 | 5.7 | 15.0 | 154 | 197.0 |
| J599817 | | <1 | 2.3 | 25.9 | 21 | 215 |
| J599818 | | <1 | 2.1 | 27.7 | 59 | 216 |
| J599819 | | <1 | 2.5 | 19.4 | 12 | 213 |
| J599820 | | <1 | 2.6 | 19.1 | 26 | 188.0 |
| J599821 | | <1 | 3.0 | 19.2 | 42 | 218 |
| J599822 | | <1 | 2.9 | 19.2 | 38 | 184.5 |
| J599823 | | <1 | 2.2 | 21.1 | 89 | 211 |
| J599824 | | <1 | 1.7 | 26.5 | 61 | 214 |
| J599825 | | 7 | 0.9 | 2.7 | 15 | 20.2 |
| J599826 | | <1 | 1.9 | 20.0 | 27 | 210 |
| J599827 | | <1 | 2.0 | 18.5 | 15 | 203 |
| J599828 | | <1 | 1.7 | 19.2 | 15 | 193.0 |
| J599829 | | 1 | 1.8 | 22.1 | 19 | 219 |
| J599830 | | <1 | 1.7 | 21.5 | 22 | 213 |
| J599831 | | <1 | 1.6 | 21.2 | 17 | 200 |
| J599832 | | <1 | 1.8 | 22.8 | 17 | 193.0 |
| J599833 | | <1 | 2.1 | 23.1 | 17 | 202 |
| J599834 | | 1 | 1.9 | 23.9 | 19 | 200 |
| J599835 | | <1 | 2.4 | 22.7 | 107 | 196.5 |
| J599836 | | <1 | 2.3 | 24.2 | 64 | 195.5 |
| J599837 | | <1 | 2.2 | 22.1 | 26 | 199.0 |
| J599838 | | <1 | 2.0 | 22.1 | 32 | 192.0 |
| J599839 | | <1 | 3.9 | 25.4 | 24 | 223 |
| J599840 | | 1 | 3.9 | 28.1 | 44 | 225 |
| J599841 | | 1 | 2.5 | 24.6 | 23 | 222 |
| J599842 | | 1 | 2.8 | 24.8 | 25 | 230 |
| J599843 | | 1 | 5.3 | 27.4 | 70 | 213 |
| J599844 | | 1 | 2.5 | 19.7 | 16 | 192.5 |
| J599845 | | 1 | 4.5 | 15.3 | 28 | 183.5 |
| J599846 | | 1 | 5.9 | 15.9 | 46 | 225 |
| J599847 | | 1 | 2.5 | 20.8 | 108 | 238 |
| J599848 | | 1 | 2.2 | 23.2 | 20 | 247 |
| J599849 | | 1 | 2.3 | 20.8 | 22 | 236 |
| J599850 | | 33 | 0.2 | 5.2 | 43 | 56.4 |
| J599851 | | 1 | 2.2 | 23.0 | 26 | 230 |
| J599852 | | 1 | 2.2 | 21.8 | 31 | 229 |
| J599853 | | <1 | 2.1 | 21.3 | 23 | 231 |
| J599854 | | 1 | 2.5 | 23.3 | 32 | 234 |

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

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


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599855 | | 1.72 | <0.005 | 0.15 | 5.96 | 87.2 | 770 | 1.81 | 0.11 | 0.36 | 0.09 | 103.5 | 1.2 | 10 | 0.80 | 7.7 |
| J599856 | | 1.71 | <0.005 | 0.10 | 6.05 | 23.2 | 770 | 1.89 | 0.13 | 0.39 | 0.03 | 104.5 | 0.6 | 10 | 0.75 | 2.9 |
| J599857 | | 1.73 | <0.005 | 0.08 | 6.16 | 26.2 | 790 | 1.85 | 0.12 | 0.36 | 0.10 | 108.5 | 0.7 | 12 | 0.77 | 6.1 |
| J599858 | | 1.87 | 0.011 | 0.18 | 5.93 | 31.4 | 810 | 2.01 | 0.12 | 0.35 | 0.13 | 109.0 | 1.1 | 11 | 0.75 | 10.7 |
| J599859 | | 1.86 | <0.005 | 0.08 | 5.97 | 11.7 | 750 | 2.01 | 0.08 | 0.33 | <0.02 | 106.5 | 0.7 | 9 | 0.73 | 2.0 |
| J599860 | | 1.86 | <0.005 | 0.06 | 6.03 | 7.7 | 720 | 2.01 | 0.09 | 0.33 | <0.02 | 100.5 | 0.5 | 12 | 0.74 | 2.4 |
| J599861 | | 1.86 | <0.005 | 0.06 | 6.17 | 9.6 | 730 | 1.91 | 0.15 | 0.35 | 0.02 | 110.0 | 0.5 | 11 | 0.70 | 2.0 |
| J599862 | | 1.79 | <0.005 | 0.16 | 5.97 | 10.5 | 780 | 1.66 | 0.12 | 0.36 | 0.11 | 101.0 | 0.5 | 12 | 0.64 | 6.3 |
| J599863 | | 1.93 | <0.005 | 0.08 | 6.05 | 11.1 | 770 | 1.99 | 0.12 | 0.36 | 0.04 | 108.5 | 0.5 | 14 | 0.66 | 4.5 |
| J599864 | | 1.84 | <0.005 | 0.11 | 6.03 | 25.2 | 780 | 1.83 | 0.22 | 0.35 | 0.09 | 114.5 | 0.5 | 15 | 0.66 | 7.2 |
| J599865 | | 1.79 | <0.005 | 0.08 | 6.26 | 13.1 | 800 | 2.03 | 0.11 | 0.37 | 0.02 | 117.5 | 0.5 | 11 | 0.67 | 6.3 |
| J599866 | | 1.78 | <0.005 | 0.06 | 6.09 | 11.3 | 770 | 2.00 | 0.12 | 0.36 | 0.04 | 117.5 | 0.5 | 15 | 0.67 | 5.7 |
| J599867 | | 1.91 | <0.005 | 0.07 | 6.32 | 2.5 | 800 | 1.99 | 0.14 | 0.38 | 0.02 | 115.0 | 0.4 | 12 | 0.69 | 5.9 |
| J599868 | | 1.98 | <0.005 | 0.06 | 6.02 | 9.4 | 780 | 1.87 | 0.11 | 0.36 | 0.05 | 107.0 | 0.3 | 12 | 0.61 | 4.4 |
| J599869 | | 1.79 | <0.005 | 0.08 | 5.93 | 9.4 | 740 | 1.81 | 0.10 | 0.34 | 0.02 | 111.0 | 0.4 | 10 | 0.62 | 6.3 |
| J599870 | | 1.76 | <0.005 | 0.21 | 6.38 | 18.1 | 770 | 1.84 | 0.12 | 0.40 | 0.22 | 110.0 | 0.4 | 10 | 0.67 | 7.2 |
| J599871 | | 1.82 | 0.018 | 0.32 | 6.03 | 56.8 | 850 | 2.39 | 0.19 | 0.29 | 0.20 | 114.0 | 1.4 | 9 | 0.62 | 59.4 |
| J599872 | | 1.86 | <0.005 | 0.10 | 5.92 | 12.6 | 780 | 1.54 | 0.11 | 0.37 | 0.02 | 108.5 | 0.5 | 13 | 0.58 | 5.2 |
| J599873 | | 1.89 | <0.005 | 0.08 | 5.88 | 23.2 | 780 | 1.67 | 0.13 | 0.34 | 0.03 | 115.5 | 0.6 | 12 | 0.61 | 5.5 |
| J599874 | | 1.89 | <0.005 | 0.08 | 6.01 | 547 | 770 | 1.46 | 0.14 | 0.36 | 0.06 | 114.0 | 1.2 | 11 | 0.75 | 9.6 |
| J599875 | | 0.07 | <0.005 | 0.05 | 6.54 | <0.2 | 920 | 1.08 | 0.11 | 1.37 | 0.08 | 32.0 | 2.1 | 13 | 1.70 | 4.2 |
| J599876 | | 1.83 | <0.005 | 0.10 | 5.92 | 128.5 | 680 | 1.63 | 0.19 | 0.37 | 0.16 | 114.5 | 1.0 | 12 | 0.59 | 17.4 |
| J599878 | | 1.83 | <0.005 | 0.29 | 6.05 | 66.3 | 720 | 1.85 | 0.15 | 0.42 | 0.26 | 119.0 | 0.4 | 17 | 0.61 | 25.0 |
| J599879 | | 1.85 | <0.005 | 0.14 | 6.00 | 52.6 | 750 | 1.68 | 0.21 | 0.35 | 0.10 | 117.5 | 0.6 | 14 | 0.56 | 10.9 |
| J599880 | | 1.96 | <0.005 | 0.07 | 6.18 | 10.8 | 770 | 1.74 | 0.11 | 0.34 | <0.02 | 107.5 | 0.5 | 13 | 0.63 | 4.0 |
| J599881 | | 1.79 | 0.007 | 0.21 | 5.83 | 873 | 860 | 1.71 | 0.37 | 0.35 | 0.04 | 103.5 | 1.8 | 15 | 0.64 | 8.7 |
| J599882 | | 1.57 | <0.005 | 0.10 | 5.87 | 1190 | 730 | 1.90 | 0.15 | 0.40 | 0.04 | 108.0 | 2.5 | 13 | 0.66 | 6.4 |
| J599883 | | 1.14 | 0.133 | 0.13 | 5.67 | 1215 | 530 | 1.73 | 0.23 | 0.26 | 0.08 | 100.0 | 1.1 | 11 | 0.63 | 4.2 |
| J599884 | | 1.30 | 0.379 | 0.15 | 5.93 | 419 | 780 | 1.23 | 0.27 | 0.38 | 0.04 | 104.5 | 0.9 | 16 | 0.55 | 3.2 |
| J599885 | | 1.86 | 0.043 | 0.18 | 6.04 | 63.1 | 910 | 1.89 | 0.24 | 0.46 | 0.07 | 95.7 | 0.8 | 13 | 0.52 | 5.8 |
| J599886 | | 1.95 | 0.028 | 0.13 | 5.85 | 49.0 | 680 | 1.83 | 0.20 | 0.44 | 0.03 | 105.5 | 1.7 | 17 | 0.53 | 5.2 |
| J599887 | | 1.98 | <0.005 | 0.24 | 6.13 | 20.9 | 800 | 1.89 | 0.32 | 0.53 | 0.05 | 110.0 | 3.8 | 17 | 0.60 | 11.5 |
| J599888 | | 1.87 | 0.044 | 0.12 | 6.10 | 11.3 | 820 | 1.67 | 0.19 | 0.35 | <0.02 | 114.0 | 2.7 | 13 | 0.56 | 2.2 |
| J599889 | | 1.99 | <0.005 | 0.09 | 6.16 | 3.0 | 830 | 1.78 | 0.11 | 0.31 | <0.02 | 112.0 | 1.6 | 14 | 0.51 | 1.7 |
| J599890 | | 1.88 | <0.005 | 0.06 | 5.94 | 8.3 | 820 | 2.06 | 0.18 | 0.32 | <0.02 | 108.5 | 3.3 | 16 | 0.56 | 2.8 |
| J599891 | | 1.96 | <0.005 | 0.16 | 5.92 | 28.4 | 840 | 1.94 | 0.25 | 0.36 | 0.02 | 110.0 | 2.1 | 15 | 0.62 | 6.4 |
| J599892 | | 1.78 | <0.005 | 0.09 | 5.34 | 36.0 | 760 | 2.03 | 0.12 | 0.30 | 0.03 | 102.5 | 1.2 | 15 | 0.63 | 3.2 |
| J599893 | | 1.74 | 0.019 | 0.32 | 5.75 | 54.5 | 790 | 1.74 | 0.33 | 0.34 | 0.14 | 105.5 | 2.1 | 12 | 0.60 | 10.6 |
| J599894 | | 1.57 | 0.053 | 0.14 | 5.73 | 200 | 920 | 1.72 | 0.30 | 0.54 | 0.10 | 109.0 | 3.0 | 11 | 1.04 | 36.4 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599855 | | 1.26 | 17.00 | 0.20 | 6.4 | 0.052 | 3.27 | 47.2 | 2.4 | 0.02 | 311 | 2.47 | 2.84 | 15.1 | 0.7 | 20 |
| J599856 | | 1.40 | 17.10 | 0.19 | 6.3 | 0.045 | 3.24 | 49.9 | 2.4 | 0.02 | 335 | 2.18 | 2.83 | 14.6 | 0.7 | 20 |
| J599857 | | 1.37 | 17.50 | 0.19 | 6.9 | 0.043 | 3.30 | 54.7 | 2.7 | 0.02 | 296 | 2.35 | 2.78 | 15.7 | 0.4 | 30 |
| J599858 | | 1.37 | 17.40 | 0.21 | 7.0 | 0.041 | 3.12 | 52.0 | 3.2 | 0.02 | 293 | 4.06 | 2.69 | 15.3 | 0.2 | 20 |
| J599859 | | 1.56 | 16.40 | 0.19 | 6.3 | 0.046 | 3.05 | 52.9 | 2.8 | 0.02 | 237 | 3.20 | 2.75 | 14.9 | 0.2 | 20 |
| J599860 | | 1.38 | 16.35 | 0.21 | 7.1 | 0.035 | 3.22 | 49.2 | 2.3 | 0.02 | 201 | 2.13 | 2.76 | 15.1 | 0.2 | 20 |
| J599861 | | 1.36 | 16.90 | 0.21 | 6.9 | 0.036 | 3.40 | 51.3 | 2.1 | 0.02 | 317 | 2.53 | 2.79 | 15.5 | 0.5 | 20 |
| J599862 | | 1.23 | 16.15 | 0.18 | 6.3 | 0.042 | 3.21 | 48.4 | 2.4 | 0.02 | 361 | 3.91 | 2.80 | 14.4 | 0.5 | 30 |
| J599863 | | 1.29 | 16.60 | 0.19 | 6.7 | 0.040 | 3.30 | 53.1 | 2.4 | 0.02 | 330 | 3.04 | 2.82 | 14.8 | 0.6 | 20 |
| J599864 | | 1.19 | 16.95 | 0.23 | 6.3 | 0.044 | 3.23 | 53.1 | 2.4 | 0.02 | 299 | 3.46 | 2.81 | 15.0 | 0.3 | 30 |
| J599865 | | 1.26 | 17.65 | 0.21 | 7.2 | 0.044 | 3.38 | 54.4 | 2.5 | 0.02 | 324 | 3.27 | 2.95 | 15.8 | 0.3 | 20 |
| J599866 | | 1.20 | 18.40 | 0.22 | 6.4 | 0.048 | 3.31 | 54.8 | 2.3 | 0.02 | 317 | 3.54 | 2.86 | 15.7 | 0.5 | 20 |
| J599867 | | 1.24 | 17.90 | 0.22 | 7.1 | 0.047 | 3.41 | 55.9 | 2.3 | 0.02 | 310 | 2.50 | 2.98 | 15.5 | 0.4 | 10 |
| J599868 | | 1.21 | 16.25 | 0.22 | 6.5 | 0.043 | 3.20 | 52.1 | 2.1 | 0.02 | 307 | 2.00 | 2.81 | 13.5 | 0.2 | 20 |
| J599869 | | 1.22 | 16.75 | 0.22 | 6.3 | 0.039 | 3.19 | 54.9 | 2.6 | 0.02 | 269 | 2.24 | 2.70 | 14.6 | 0.4 | 20 |
| J599870 | | 1.23 | 18.00 | 0.21 | 7.6 | 0.040 | 3.47 | 53.8 | 3.4 | 0.02 | 286 | 2.73 | 2.93 | 16.7 | 0.2 | 30 |
| J599871 | | 1.53 | 17.55 | 0.22 | 7.3 | 0.072 | 3.36 | 55.3 | 6.2 | 0.03 | 157 | 9.07 | 2.50 | 15.1 | 0.3 | 30 |
| J599872 | | 1.19 | 16.20 | 0.22 | 7.1 | 0.039 | 3.21 | 50.2 | 2.7 | 0.02 | 280 | 1.63 | 2.72 | 14.4 | 0.2 | 20 |
| J599873 | | 1.26 | 16.65 | 0.22 | 6.6 | 0.043 | 3.12 | 52.7 | 2.8 | 0.02 | 311 | 2.09 | 2.77 | 15.4 | 0.4 | 20 |
| J599874 | | 1.15 | 16.55 | 0.21 | 6.7 | 0.049 | 3.05 | 52.6 | 4.2 | 0.02 | 311 | 2.05 | 2.83 | 15.2 | 0.2 | 20 |
| J599875 | | 1.46 | 13.65 | 0.14 | 1.1 | 0.020 | 2.21 | 14.1 | 10.0 | 0.19 | 581 | 0.98 | 2.75 | 4.2 | 1.6 | 190 |
| J599876 | | 1.30 | 15.90 | 0.20 | 6.5 | 0.052 | 2.75 | 53.8 | 3.5 | 0.02 | 329 | 2.19 | 2.96 | 14.6 | 0.3 | 20 |
| J599878 | | 1.49 | 17.35 | 0.23 | 6.6 | 0.043 | 3.02 | 56.3 | 2.3 | 0.02 | 330 | 3.31 | 2.97 | 16.0 | 0.3 | 20 |
| J599879 | | 1.17 | 16.80 | 0.23 | 7.3 | 0.052 | 2.97 | 54.9 | 2.5 | 0.02 | 286 | 2.00 | 3.00 | 16.2 | 0.6 | 20 |
| J599880 | | 1.23 | 16.80 | 0.22 | 6.2 | 0.035 | 3.22 | 55.7 | 2.0 | 0.02 | 232 | 2.03 | 2.87 | 14.8 | 0.2 | 20 |
| J599881 | | 1.30 | 16.05 | 0.21 | 6.1 | 0.041 | 3.08 | 49.8 | 2.3 | 0.02 | 304 | 2.26 | 2.71 | 14.2 | 0.5 | 20 |
| J599882 | | 1.14 | 17.30 | 0.22 | 8.8 | 0.030 | 2.93 | 50.5 | 2.7 | 0.02 | 246 | 4.38 | 2.84 | 24.6 | 0.2 | 20 |
| J599883 | | 1.57 | 17.80 | 0.21 | 7.5 | 0.069 | 2.81 | 48.0 | 7.1 | 0.03 | 121 | 1.94 | 0.97 | 18.2 | 0.4 | 30 |
| J599884 | | 1.23 | 17.35 | 0.20 | 6.1 | 0.037 | 3.20 | 52.3 | 6.1 | 0.02 | 239 | 1.92 | 2.55 | 15.2 | 0.4 | 20 |
| J599885 | | 1.64 | 16.50 | 0.22 | 6.2 | 0.030 | 3.37 | 44.9 | 3.8 | 0.01 | 245 | 1.54 | 2.57 | 13.2 | 0.4 | 20 |
| J599886 | | 1.22 | 17.55 | 0.21 | 6.8 | 0.031 | 3.07 | 52.1 | 3.4 | 0.02 | 234 | 2.50 | 2.62 | 16.4 | 0.4 | 20 |
| J599887 | | 1.97 | 16.80 | 0.22 | 6.7 | 0.035 | 3.27 | 54.9 | 6.3 | 0.06 | 298 | 4.64 | 2.48 | 14.1 | 0.7 | 20 |
| J599888 | | 1.42 | 16.75 | 0.23 | 6.2 | 0.031 | 3.34 | 51.6 | 3.0 | 0.02 | 277 | 1.59 | 2.67 | 13.8 | 0.4 | 20 |
| J599889 | | 1.28 | 16.70 | 0.23 | 7.3 | 0.029 | 3.52 | 55.2 | 2.6 | 0.02 | 264 | 1.43 | 2.62 | 16.3 | 0.2 | 10 |
| J599890 | | 1.40 | 17.45 | 0.22 | 6.4 | 0.038 | 3.39 | 53.8 | 2.7 | 0.02 | 262 | 1.31 | 2.50 | 17.6 | 0.8 | 20 |
| J599891 | | 1.29 | 17.65 | 0.21 | 6.3 | 0.035 | 3.44 | 55.0 | 2.5 | 0.02 | 319 | 1.56 | 2.46 | 17.1 | 0.8 | 10 |
| J599892 | | 1.19 | 17.00 | 0.22 | 6.9 | 0.029 | 3.11 | 50.9 | 2.2 | 0.02 | 169 | 1.14 | 2.56 | 16.8 | 0.7 | 20 |
| J599893 | | 1.16 | 17.05 | 0.23 | 6.2 | 0.037 | 3.18 | 52.9 | 2.4 | 0.02 | 258 | 2.01 | 2.49 | 16.2 | 0.7 | 20 |
| J599894 | | 1.74 | 16.85 | 0.23 | 6.2 | 0.097 | 2.85 | 54.3 | 6.9 | 0.02 | 577 | 18.10 | 1.94 | 16.3 | 0.7 | 20 |

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**Finalized Date: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599855 | | 35.8 | 125.5 | <0.002 | 0.03 | 1.03 | 4.8 | 1 | 2.8 | 32.4 | 1.29 | <0.05 | 15.2 | 0.055 | 0.51 | 3.9 |
| J599856 | | 5.4 | 124.0 | <0.002 | 0.01 | 0.98 | 5.0 | 1 | 2.8 | 36.1 | 1.21 | <0.05 | 15.8 | 0.052 | 0.51 | 4.3 |
| J599857 | | 9.1 | 137.5 | <0.002 | 0.04 | 0.80 | 4.9 | <1 | 2.3 | 27.7 | 1.28 | <0.05 | 16.9 | 0.056 | 0.58 | 4.6 |
| J599858 | | 39.7 | 134.5 | <0.002 | 0.07 | 0.87 | 5.3 | 1 | 2.5 | 32.7 | 1.20 | <0.05 | 16.1 | 0.057 | 0.55 | 4.3 |
| J599859 | | 5.0 | 126.0 | 0.002 | 0.01 | 0.56 | 4.9 | <1 | 3.0 | 27.2 | 1.23 | <0.05 | 17.7 | 0.054 | 0.57 | 4.9 |
| J599860 | | 4.9 | 138.5 | 0.002 | 0.01 | 0.56 | 4.5 | <1 | 2.3 | 20.7 | 1.34 | <0.05 | 17.4 | 0.052 | 0.64 | 4.2 |
| J599861 | | 4.7 | 142.5 | 0.002 | <0.01 | 0.71 | 4.3 | <1 | 2.1 | 26.5 | 1.29 | <0.05 | 17.3 | 0.048 | 0.61 | 4.5 |
| J599862 | | 36.6 | 124.0 | 0.002 | 0.05 | 0.69 | 4.4 | 1 | 2.2 | 30.2 | 1.18 | <0.05 | 16.1 | 0.048 | 0.57 | 3.8 |
| J599863 | | 5.7 | 141.0 | <0.002 | 0.03 | 0.73 | 4.7 | <1 | 2.4 | 28.0 | 1.19 | <0.05 | 16.4 | 0.049 | 0.59 | 4.1 |
| J599864 | | 10.3 | 136.5 | <0.002 | 0.05 | 0.81 | 4.8 | <1 | 2.5 | 30.4 | 1.16 | <0.05 | 15.9 | 0.049 | 0.56 | 4.2 |
| J599865 | | 5.1 | 137.5 | <0.002 | 0.04 | 0.72 | 4.9 | <1 | 2.5 | 30.8 | 1.25 | <0.05 | 17.8 | 0.050 | 0.56 | 4.4 |
| J599866 | | 4.8 | 150.5 | 0.002 | 0.02 | 0.74 | 4.9 | 1 | 2.6 | 28.3 | 1.19 | <0.05 | 18.5 | 0.048 | 0.61 | 4.5 |
| J599867 | | 5.0 | 144.5 | <0.002 | 0.02 | 0.76 | 5.2 | <1 | 2.4 | 26.3 | 1.23 | <0.05 | 18.4 | 0.050 | 0.60 | 5.8 |
| J599868 | | 4.4 | 135.5 | <0.002 | 0.01 | 0.69 | 4.7 | <1 | 2.2 | 25.8 | 1.10 | <0.05 | 16.4 | 0.044 | 0.64 | 4.6 |
| J599869 | | 4.3 | 141.0 | <0.002 | 0.02 | 0.73 | 4.7 | <1 | 2.4 | 26.2 | 1.13 | <0.05 | 16.6 | 0.046 | 0.61 | 4.5 |
| J599870 | | 70.7 | 147.0 | <0.002 | 0.07 | 0.97 | 5.1 | <1 | 2.5 | 28.0 | 1.31 | <0.05 | 18.7 | 0.054 | 0.64 | 4.8 |
| J599871 | | 42.4 | 150.0 | 0.003 | 0.30 | 0.92 | 5.0 | 1 | 3.3 | 28.4 | 1.22 | <0.05 | 16.8 | 0.053 | 0.56 | 4.4 |
| J599872 | | 6.4 | 124.5 | <0.002 | 0.05 | 0.70 | 4.4 | 1 | 2.8 | 30.2 | 1.15 | <0.05 | 15.7 | 0.049 | 0.55 | 4.3 |
| J599873 | | 7.9 | 118.5 | 0.002 | 0.06 | 0.79 | 5.0 | 1 | 3.0 | 35.7 | 1.20 | <0.05 | 16.6 | 0.050 | 0.55 | 4.4 |
| J599874 | | 12.8 | 116.5 | 0.003 | 0.13 | 0.92 | 4.7 | <1 | 3.1 | 36.2 | 1.21 | <0.05 | 15.9 | 0.055 | 0.53 | 4.2 |
| J599875 | | 12.1 | 70.3 | 0.002 | <0.01 | 0.23 | 5.5 | <1 | 1.7 | 184.0 | 0.42 | <0.05 | 6.0 | 0.111 | 0.39 | 1.9 |
| J599876 | | 25.2 | 99.7 | <0.002 | 0.15 | 0.87 | 4.4 | <1 | 2.8 | 36.2 | 1.19 | <0.05 | 16.6 | 0.053 | 0.44 | 4.0 |
| J599878 | | 94.9 | 104.5 | <0.002 | 0.13 | 1.27 | 4.4 | <1 | 2.0 | 40.3 | 1.19 | <0.05 | 16.3 | 0.056 | 0.43 | 4.2 |
| J599879 | | 22.4 | 102.5 | <0.002 | 0.06 | 1.04 | 4.9 | <1 | 2.3 | 44.4 | 1.29 | <0.05 | 18.4 | 0.054 | 0.41 | 4.8 |
| J599880 | | 3.7 | 129.5 | 0.002 | 0.02 | 0.87 | 4.7 | <1 | 2.5 | 33.0 | 1.16 | <0.05 | 16.3 | 0.049 | 0.53 | 3.8 |
| J599881 | | 6.7 | 129.0 | <0.002 | 0.11 | 0.97 | 4.5 | <1 | 2.4 | 35.9 | 1.13 | <0.05 | 15.8 | 0.052 | 0.52 | 4.7 |
| J599882 | | 6.4 | 118.0 | 0.002 | 0.10 | 1.14 | 4.2 | 1 | 1.9 | 41.0 | 1.95 | <0.05 | 22.3 | 0.045 | 0.51 | 5.9 |
| J599883 | | 27.3 | 122.0 | <0.002 | 0.78 | 1.43 | 4.2 | <1 | 3.5 | 16.3 | 1.45 | <0.05 | 18.9 | 0.047 | 0.45 | 5.1 |
| J599884 | | 11.1 | 123.5 | <0.002 | 0.38 | 1.29 | 5.0 | 1 | 2.4 | 36.4 | 1.23 | <0.05 | 16.0 | 0.051 | 0.53 | 4.4 |
| J599885 | | 31.9 | 125.5 | 0.002 | 0.34 | 1.29 | 3.0 | 1 | 1.9 | 47.7 | 1.10 | <0.05 | 15.7 | 0.043 | 0.54 | 3.8 |
| J599886 | | 12.5 | 122.5 | 0.002 | 0.09 | 1.22 | 4.5 | 1 | 2.3 | 41.8 | 1.32 | <0.05 | 19.2 | 0.043 | 0.50 | 4.4 |
| J599887 | | 11.6 | 124.5 | 0.002 | 0.11 | 0.99 | 4.9 | <1 | 5.0 | 34.4 | 1.13 | <0.05 | 16.8 | 0.045 | 0.55 | 4.6 |
| J599888 | | 4.8 | 129.5 | <0.002 | 0.02 | 1.06 | 4.8 | 1 | 4.4 | 42.7 | 0.99 | <0.05 | 16.1 | 0.048 | 0.53 | 4.0 |
| J599889 | | 5.0 | 124.5 | 0.002 | 0.02 | 0.90 | 4.4 | <1 | 5.7 | 31.9 | 1.37 | <0.05 | 20.2 | 0.049 | 0.57 | 4.6 |
| J599890 | | 4.1 | 124.0 | <0.002 | 0.01 | 0.98 | 4.2 | 1 | 5.3 | 34.2 | 1.46 | <0.05 | 16.0 | 0.047 | 0.49 | 4.5 |
| J599891 | | 10.2 | 126.0 | <0.002 | 0.03 | 1.41 | 4.3 | 1 | 3.1 | 35.9 | 1.37 | <0.05 | 15.9 | 0.049 | 0.54 | 4.6 |
| J599892 | | 5.6 | 121.0 | <0.002 | 0.02 | 1.07 | 4.2 | 1 | 2.1 | 28.2 | 1.38 | <0.05 | 14.9 | 0.050 | 0.47 | 4.2 |
| J599893 | | 21.2 | 118.0 | <0.002 | 0.04 | 1.85 | 4.3 | 1 | 2.1 | 33.8 | 1.30 | <0.05 | 15.6 | 0.051 | 0.48 | 4.1 |
| J599894 | | 17.6 | 119.0 | 0.004 | 0.24 | 1.37 | 4.3 | 1 | 9.7 | 44.9 | 1.37 | 0.05 | 14.9 | 0.058 | 0.54 | 3.7 |

***** 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: 7-APR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12062277

| 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 |
|---|---|---|---|---|---|---|
| J599855 | | 1 | 2.3 | 21.6 | 41 | 214 |
| J599856 | | 1 | 2.2 | 19.8 | 21 | 220 |
| J599857 | | 1 | 2.0 | 26.5 | 48 | 196.5 |
| J599858 | | <1 | 2.7 | 24.4 | 56 | 200 |
| J599859 | | <1 | 2.5 | 24.4 | 22 | 183.5 |
| J599860 | | 1 | 2.0 | 21.6 | 22 | 181.5 |
| J599861 | | 1 | 1.9 | 22.5 | 19 | 187.0 |
| J599862 | | 1 | 2.2 | 20.3 | 48 | 182.0 |
| J599863 | | 1 | 2.5 | 17.2 | 22 | 187.0 |
| J599864 | | 1 | 2.5 | 18.2 | 39 | 180.0 |
| J599865 | | 1 | 2.9 | 19.5 | 19 | 210 |
| J599866 | | 1 | 2.4 | 17.7 | 19 | 180.0 |
| J599867 | | <1 | 1.9 | 18.5 | 21 | 206 |
| J599868 | | 1 | 1.9 | 15.4 | 18 | 179.5 |
| J599869 | | <1 | 2.4 | 18.1 | 16 | 180.5 |
| J599870 | | <1 | 2.5 | 23.2 | 87 | 219 |
| J599871 | | 1 | 2.5 | 22.6 | 93 | 211 |
| J599872 | | 1 | 2.0 | 21.4 | 19 | 202 |
| J599873 | | 1 | 2.0 | 21.8 | 21 | 196.0 |
| J599874 | | <1 | 1.3 | 23.5 | 36 | 191.0 |
| J599875 | | 14 | 0.8 | 17.8 | 44 | 23.7 |
| J599876 | | 1 | 1.2 | 23.1 | 96 | 191.5 |
| J599878 | | 1 | 1.5 | 21.4 | 83 | 194.0 |
| J599879 | | <1 | 1.4 | 23.6 | 57 | 210 |
| J599880 | | 1 | 1.6 | 18.0 | 12 | 172.5 |
| J599881 | | 1 | 1.7 | 17.4 | 14 | 176.5 |
| J599882 | | 1 | 1.8 | 30.1 | 13 | 224 |
| J599883 | | <1 | 6.8 | 16.7 | 48 | 192.5 |
| J599884 | | 1 | 2.4 | 23.9 | 20 | 173.0 |
| J599885 | | 1 | 2.2 | 19.3 | 32 | 173.5 |
| J599886 | | 1 | 1.9 | 21.6 | 17 | 195.5 |
| J599887 | | 1 | 2.3 | 22.0 | 30 | 185.0 |
| J599888 | | <1 | 1.7 | 18.7 | 16 | 189.5 |
| J599889 | | 1 | 1.7 | 21.7 | 10 | 191.0 |
| J599890 | | <1 | 3.8 | 21.8 | 12 | 191.5 |
| J599891 | | <1 | 2.0 | 22.7 | 18 | 198.0 |
| J599892 | | <1 | 2.0 | 22.8 | 19 | 225 |
| J599893 | | 1 | 1.4 | 21.8 | 50 | 208 |
| J599894 | | 1 | 5.7 | 27.0 | 88 | 196.0 |

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# CERTIFICATE OF ANALYSIS TB12062277

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