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: 31-MAR-2012**
**Account: RRRTPK**

# CERTIFICATE TB12058155

Project: TPK-ROWLANDSON

P.O. No.:

This report is for 174 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 15-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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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 TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599000 | | 2.19 | <0.005 | 0.20 | 6.73 | 30.5 | 980 | 1.62 | 0.12 | 0.82 | 0.06 | 121.5 | 1.8 | 11 | 2.27 | 5.4 |
| J599001 | | 1.72 | <0.005 | 0.17 | 6.27 | 27.9 | 940 | 1.48 | 0.12 | 0.77 | 0.02 | 125.5 | 2.1 | 9 | 2.03 | 8.0 |
| J599002 | | 1.88 | 0.020 | 0.17 | 6.50 | 28.3 | 950 | 1.38 | 0.13 | 0.72 | 0.05 | 116.5 | 2.8 | 8 | 2.13 | 12.0 |
| J599003 | | 1.80 | <0.005 | 0.32 | 6.40 | 32.4 | 940 | 1.54 | 0.15 | 0.38 | 0.05 | 118.0 | 1.9 | 9 | 2.56 | 5.6 |
| J599004 | | 1.86 | <0.005 | 0.18 | 6.64 | 40.6 | 970 | 1.44 | 0.12 | 0.70 | 0.06 | 130.0 | 2.1 | 9 | 2.10 | 6.1 |
| J599005 | | 1.70 | <0.005 | 0.18 | 6.52 | 26.9 | 990 | 1.63 | 0.12 | 0.79 | 0.02 | 142.0 | 2.4 | 8 | 2.22 | 2.9 |
| J599006 | | 1.65 | <0.005 | 0.18 | 6.35 | 26.7 | 1000 | 1.63 | 0.09 | 0.61 | 0.05 | 123.5 | 2.4 | 10 | 2.49 | 3.9 |
| J599007 | | 1.61 | <0.005 | 0.13 | 6.02 | 23.9 | 960 | 1.42 | 0.11 | 0.67 | 0.06 | 130.0 | 2.7 | 8 | 2.49 | 7.5 |
| J599008 | | 1.94 | <0.005 | 0.13 | 6.16 | 41.6 | 980 | 1.51 | 0.09 | 0.79 | 0.06 | 121.0 | 3.1 | 9 | 2.20 | 4.6 |
| J599009 | | 1.87 | 0.023 | 0.16 | 6.23 | 22.6 | 960 | 1.52 | 0.06 | 0.86 | 0.04 | 118.0 | 2.2 | 11 | 1.96 | 3.8 |
| J599010 | | 1.90 | <0.005 | 0.08 | 6.38 | 16.0 | 990 | 1.42 | 0.06 | 0.85 | 0.02 | 117.0 | 2.6 | 14 | 1.91 | 5.0 |
| J599011 | | 1.37 | <0.005 | 0.10 | 6.71 | 18.5 | 1130 | 1.40 | 0.07 | 0.96 | 0.03 | 129.0 | 2.2 | 21 | 2.34 | 2.4 |
| J599012 | | 1.53 | <0.005 | 0.12 | 6.74 | 22.6 | 1090 | 1.71 | 0.10 | 0.69 | 0.06 | 142.0 | 2.1 | 9 | 2.22 | 5.5 |
| J599013 | | 1.55 | <0.005 | 0.09 | 6.64 | 12.7 | 980 | 1.65 | 0.08 | 0.76 | 0.02 | 129.0 | 2.4 | 9 | 1.94 | 4.2 |
| J599014 | | 1.52 | <0.005 | 0.17 | 6.50 | 29.2 | 960 | 1.64 | 0.09 | 0.87 | 0.12 | 127.0 | 2.5 | 9 | 2.21 | 8.9 |
| J599015 | | 1.52 | <0.005 | 0.20 | 6.52 | 16.6 | 970 | 1.21 | 0.07 | 0.91 | 0.03 | 126.0 | 2.8 | 11 | 2.34 | 5.4 |
| J599016 | | 1.51 | <0.005 | 0.13 | 6.87 | 26.9 | 970 | 1.87 | 0.07 | 1.14 | 0.04 | 105.0 | 3.0 | 12 | 2.63 | 8.1 |
| J599017 | | 1.57 | <0.005 | 0.18 | 6.49 | 18.8 | 1030 | 1.68 | 0.07 | 0.87 | 0.04 | 132.5 | 3.0 | 9 | 2.15 | 4.7 |
| J599018 | | 1.53 | <0.005 | 0.14 | 7.09 | 15.8 | 1030 | 1.87 | 0.07 | 1.18 | 0.02 | 130.5 | 3.5 | 9 | 2.97 | 2.9 |
| J599019 | | 1.50 | 0.045 | 0.13 | 6.94 | 18.5 | 1020 | 1.67 | 0.06 | 1.09 | 0.08 | 136.0 | 3.1 | 12 | 2.84 | 6.6 |
| J599020 | | 1.53 | 0.130 | 0.10 | 6.64 | 55.7 | 1020 | 1.62 | 0.08 | 0.75 | 0.05 | 117.0 | 2.5 | 11 | 2.14 | 19.2 |
| J599021 | | 1.05 | 0.216 | 0.11 | 6.74 | 51.7 | 970 | 1.66 | 0.07 | 0.74 | 0.08 | 122.0 | 2.3 | 9 | 2.29 | 11.4 |
| J599022 | | 1.19 | 0.115 | 0.47 | 7.35 | 47.6 | 1070 | 2.09 | 0.33 | 0.85 | 0.03 | 140.0 | 6.3 | 9 | 1.49 | 172.5 |
| J599023 | | 1.34 | 0.161 | 0.18 | 6.64 | 58.2 | 990 | 1.54 | 0.07 | 1.02 | 0.02 | 121.0 | 3.1 | 10 | 2.27 | 19.9 |
| J599024 | | 1.87 | <0.005 | 0.12 | 6.56 | 48.1 | 1010 | 1.62 | 0.06 | 1.14 | 0.04 | 119.0 | 3.2 | 10 | 2.51 | 5.4 |
| J599025 | | 0.03 | 1.350 | 0.85 | 8.30 | 3.4 | 90 | 2.37 | 0.59 | 0.94 | 0.12 | 16.70 | 8.6 | 30 | 20.6 | 12.2 |
| J599026 | | 1.85 | 0.019 | 0.24 | 6.39 | 63.9 | 930 | 1.80 | 0.11 | 0.98 | 0.07 | 111.5 | 2.6 | 10 | 2.39 | 6.0 |
| J599027 | | 1.93 | <0.005 | 0.25 | 7.12 | 56.4 | 1010 | 1.84 | 0.10 | 1.13 | 0.03 | 139.0 | 3.3 | 12 | 2.61 | 4.6 |
| J599028 | | 1.79 | <0.005 | 0.18 | 6.80 | 30.7 | 960 | 1.78 | 0.11 | 1.05 | 0.03 | 119.5 | 3.1 | 11 | 2.41 | 7.3 |
| J599029 | | 1.95 | <0.005 | 0.12 | 6.71 | 31.0 | 930 | 1.72 | 0.08 | 1.03 | 0.05 | 110.5 | 3.4 | 11 | 2.71 | 6.5 |
| J599030 | | 1.81 | <0.005 | 0.10 | 6.74 | 30.4 | 980 | 1.85 | 0.07 | 1.07 | 0.02 | 101.0 | 3.2 | 11 | 2.64 | 4.2 |
| J599031 | | 1.98 | <0.005 | 0.12 | 6.40 | 37.0 | 970 | 1.60 | 0.08 | 1.04 | 0.09 | 93.9 | 2.9 | 10 | 2.71 | 5.7 |
| J599032 | | 1.78 | <0.005 | 0.10 | 6.61 | 28.2 | 990 | 1.47 | 0.08 | 1.01 | 0.08 | 117.0 | 3.8 | 10 | 3.16 | 8.0 |
| J599033 | | 1.87 | <0.005 | 0.09 | 6.75 | 17.7 | 930 | 1.65 | 0.09 | 0.96 | 0.08 | 114.5 | 2.9 | 13 | 2.96 | 6.4 |
| J599034 | | 2.06 | <0.005 | 0.09 | 6.68 | 8.6 | 950 | 1.78 | 0.09 | 1.00 | 0.04 | 102.5 | 3.1 | 10 | 3.59 | 6.0 |
| J599035 | | 1.72 | <0.005 | 0.08 | 6.59 | 10.9 | 940 | 1.67 | 0.09 | 0.98 | 0.06 | 111.0 | 3.1 | 10 | 3.18 | 7.4 |
| J599036 | | 1.26 | <0.005 | 0.09 | 6.70 | 5.3 | 950 | 1.74 | 0.07 | 1.06 | 0.11 | 117.5 | 3.5 | 8 | 3.03 | 7.8 |
| J599037 | | 1.62 | 0.006 | 0.03 | 6.79 | 6.6 | 1020 | 1.58 | 0.06 | 1.13 | 0.04 | 116.5 | 3.4 | 11 | 2.82 | 5.7 |
| J599038 | | 1.53 | 0.005 | 0.43 | 6.81 | 25.0 | 1050 | 1.58 | 0.06 | 0.90 | 0.08 | 107.5 | 3.0 | 9 | 3.70 | 7.3 |
| J599039 | | 1.48 | <0.005 | 28.0 | 6.74 | 52.8 | 980 | 1.69 | 0.08 | 1.12 | 0.33 | 234 | 4.5 | 13 | 3.79 | 111.5 |

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Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599000 | | 1.77 | 16.25 | 0.24 | 6.0 | 0.026 | 3.36 | 60.1 | 13.5 | 0.18 | 300 | 1.79 | 2.79 | 12.4 | 1.6 | 220 |
| J599001 | | 1.68 | 16.10 | 0.20 | 5.6 | 0.029 | 3.28 | 61.7 | 13.1 | 0.17 | 308 | 3.01 | 2.69 | 12.0 | 1.7 | 210 |
| J599002 | | 1.59 | 15.90 | 0.23 | 5.9 | 0.023 | 3.41 | 54.9 | 13.0 | 0.17 | 277 | 1.41 | 2.72 | 11.8 | 1.5 | 200 |
| J599003 | | 1.77 | 16.90 | 0.24 | 5.7 | 0.029 | 3.39 | 56.9 | 12.6 | 0.16 | 322 | 4.56 | 2.70 | 12.7 | 1.7 | 220 |
| J599004 | | 1.73 | 17.05 | 0.24 | 6.2 | 0.025 | 3.46 | 62.4 | 13.4 | 0.18 | 307 | 2.58 | 2.83 | 12.3 | 1.8 | 220 |
| J599005 | | 1.71 | 17.40 | 0.26 | 5.8 | 0.024 | 3.33 | 68.3 | 13.2 | 0.18 | 276 | 3.82 | 2.85 | 12.6 | 1.8 | 220 |
| J599006 | | 1.81 | 16.40 | 0.22 | 5.6 | 0.018 | 3.35 | 61.5 | 11.5 | 0.17 | 351 | 2.55 | 2.69 | 12.3 | 1.8 | 220 |
| J599007 | | 1.66 | 16.10 | 0.20 | 5.6 | 0.030 | 3.07 | 66.5 | 15.4 | 0.17 | 278 | 5.85 | 2.50 | 12.1 | 2.0 | 200 |
| J599008 | | 1.57 | 15.95 | 0.19 | 5.7 | 0.026 | 3.13 | 62.8 | 15.3 | 0.16 | 272 | 4.21 | 2.45 | 11.4 | 1.7 | 190 |
| J599009 | | 1.70 | 16.05 | 0.22 | 5.2 | 0.032 | 3.17 | 55.9 | 14.0 | 0.17 | 279 | 2.41 | 2.70 | 12.0 | 1.9 | 200 |
| J599010 | | 1.74 | 16.10 | 0.20 | 6.0 | 0.023 | 3.26 | 59.7 | 14.1 | 0.18 | 268 | 2.71 | 2.72 | 12.4 | 2.1 | 210 |
| J599011 | | 1.93 | 17.00 | 0.22 | 6.3 | 0.030 | 3.41 | 64.3 | 14.6 | 0.20 | 313 | 2.67 | 2.99 | 11.8 | 2.1 | 240 |
| J599012 | | 1.94 | 17.55 | 0.22 | 6.6 | 0.039 | 3.42 | 68.5 | 13.6 | 0.20 | 264 | 2.24 | 2.93 | 13.0 | 1.9 | 250 |
| J599013 | | 1.90 | 17.25 | 0.23 | 5.9 | 0.030 | 3.41 | 62.2 | 12.7 | 0.20 | 289 | 1.37 | 2.90 | 13.2 | 2.0 | 230 |
| J599014 | | 1.81 | 17.45 | 0.26 | 6.1 | 0.032 | 3.30 | 64.6 | 14.3 | 0.19 | 285 | 1.76 | 2.80 | 12.7 | 2.0 | 240 |
| J599015 | | 1.84 | 16.60 | 0.25 | 5.4 | 0.032 | 3.27 | 63.1 | 14.3 | 0.20 | 284 | 1.41 | 2.76 | 11.2 | 2.1 | 240 |
| J599016 | | 2.03 | 17.50 | 0.24 | 6.2 | 0.034 | 3.20 | 50.8 | 16.8 | 0.25 | 340 | 4.56 | 3.00 | 13.3 | 2.3 | 320 |
| J599017 | | 1.80 | 16.20 | 0.25 | 6.4 | 0.028 | 3.26 | 70.6 | 13.3 | 0.20 | 288 | 3.95 | 2.80 | 12.1 | 1.8 | 240 |
| J599018 | | 2.16 | 18.50 | 0.23 | 7.1 | 0.037 | 3.20 | 61.1 | 18.5 | 0.27 | 357 | 4.45 | 3.04 | 14.3 | 2.6 | 350 |
| J599019 | | 2.28 | 17.25 | 0.24 | 6.8 | 0.039 | 3.21 | 64.4 | 16.7 | 0.27 | 400 | 3.63 | 2.97 | 13.5 | 2.6 | 340 |
| J599020 | | 2.38 | 17.00 | 0.25 | 6.5 | 0.018 | 3.19 | 59.8 | 13.6 | 0.24 | 438 | 2.20 | 2.82 | 13.6 | 2.4 | 330 |
| J599021 | | 2.52 | 17.20 | 0.23 | 6.4 | 0.024 | 3.32 | 62.8 | 13.5 | 0.26 | 493 | 4.68 | 2.78 | 13.0 | 2.5 | 340 |
| J599022 | | 3.68 | 21.1 | 0.25 | 7.3 | 0.041 | 3.33 | 67.9 | 19.2 | 0.24 | 309 | 1.54 | 2.96 | 10.0 | 2.6 | 370 |
| J599023 | | 2.13 | 16.65 | 0.23 | 7.0 | 0.035 | 3.11 | 61.1 | 14.2 | 0.26 | 425 | 2.12 | 2.72 | 12.6 | 2.5 | 330 |
| J599024 | | 2.07 | 17.55 | 0.21 | 6.4 | 0.036 | 3.17 | 58.0 | 16.4 | 0.26 | 403 | 3.09 | 2.87 | 12.7 | 2.6 | 340 |
| J599025 | | 4.23 | 19.90 | 0.14 | 1.4 | 0.015 | 2.62 | 7.9 | 4.7 | 0.92 | 254 | 1.06 | 5.04 | 9.2 | 30.0 | 700 |
| J599026 | | 1.99 | 16.35 | 0.23 | 6.0 | 0.030 | 3.04 | 55.3 | 14.3 | 0.24 | 350 | 1.61 | 2.78 | 12.7 | 2.6 | 290 |
| J599027 | | 2.16 | 18.90 | 0.24 | 7.3 | 0.045 | 3.30 | 68.4 | 17.3 | 0.28 | 385 | 1.93 | 3.13 | 14.6 | 2.9 | 340 |
| J599028 | | 2.16 | 17.80 | 0.22 | 6.8 | 0.041 | 3.20 | 58.0 | 15.9 | 0.29 | 387 | 2.30 | 3.05 | 14.4 | 2.8 | 350 |
| J599029 | | 1.98 | 17.35 | 0.15 | 6.9 | 0.031 | 3.06 | 53.0 | 18.2 | 0.27 | 350 | 1.84 | 2.97 | 12.5 | 2.7 | 320 |
| J599030 | | 2.03 | 16.70 | 0.15 | 6.8 | 0.030 | 3.04 | 52.4 | 16.8 | 0.27 | 332 | 2.06 | 2.90 | 12.1 | 2.6 | 320 |
| J599031 | | 1.99 | 16.40 | 0.13 | 7.1 | 0.036 | 3.01 | 48.9 | 18.4 | 0.27 | 328 | 2.43 | 2.93 | 12.4 | 2.6 | 330 |
| J599032 | | 2.07 | 17.10 | 0.17 | 7.3 | 0.036 | 3.03 | 57.2 | 20.7 | 0.27 | 355 | 3.82 | 2.86 | 12.7 | 3.0 | 320 |
| J599033 | | 2.04 | 17.15 | 0.19 | 6.5 | 0.036 | 3.02 | 57.4 | 18.0 | 0.28 | 354 | 3.64 | 2.95 | 13.0 | 2.6 | 320 |
| J599034 | | 2.00 | 18.10 | 0.17 | 7.1 | 0.046 | 3.09 | 53.3 | 18.2 | 0.27 | 359 | 5.82 | 2.93 | 13.2 | 2.7 | 330 |
| J599035 | | 1.94 | 16.40 | 0.15 | 6.7 | 0.035 | 3.04 | 55.0 | 17.6 | 0.26 | 359 | 2.16 | 2.88 | 12.1 | 2.5 | 310 |
| J599036 | | 1.93 | 17.70 | 0.15 | 7.4 | 0.043 | 3.07 | 58.2 | 18.9 | 0.27 | 357 | 1.72 | 2.89 | 13.3 | 2.7 | 340 |
| J599037 | | 2.06 | 17.15 | 0.15 | 6.7 | 0.037 | 3.21 | 57.8 | 20.5 | 0.28 | 353 | 1.98 | 2.82 | 13.4 | 2.7 | 340 |
| J599038 | | 2.08 | 17.05 | 0.15 | 6.9 | 0.037 | 3.09 | 53.5 | 20.7 | 0.28 | 347 | 1.99 | 2.85 | 13.8 | 2.7 | 360 |
| J599039 | | 2.15 | 17.30 | 0.20 | 6.8 | 0.051 | 3.10 | 119.5 | 21.7 | 0.28 | 356 | 2.05 | 2.80 | 13.9 | 6.3 | 400 |

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| Sample Description | Method / Analyte / Units / LOR | ME-MS61 Pb ppm 0.5 | ME-MS61 Rb ppm 0.1 | ME-MS61 Re ppm 0.002 | ME-MS61 S % 0.01 | ME-MS61 Sb ppm 0.05 | ME-MS61 Sc ppm 0.1 | ME-MS61 Se ppm 1 | ME-MS61 Sn ppm 0.2 | ME-MS61 Sr ppm 0.2 | ME-MS61 Ta ppm 0.05 | ME-MS61 Te ppm 0.05 | ME-MS61 Th ppm 0.2 | ME-MS61 Ti % 0.005 | ME-MS61 Tl ppm 0.02 | ME-MS61 U ppm 0.1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599000 | | 15.0 | 134.5 | <0.002 | 0.02 | 2.92 | 5.8 | <1 | 2.6 | 97.0 | 1.09 | <0.05 | 18.0 | 0.153 | 0.62 | 3.7 |
| J599001 | | 11.6 | 123.5 | <0.002 | 0.02 | 2.60 | 5.7 | <1 | 2.3 | 88.9 | 1.00 | <0.05 | 16.3 | 0.147 | 0.62 | 3.7 |
| J599002 | | 14.3 | 134.5 | 0.002 | 0.07 | 2.66 | 5.5 | <1 | 2.1 | 88.8 | 0.94 | <0.05 | 16.3 | 0.142 | 0.65 | 3.6 |
| J599003 | | 10.4 | 137.5 | <0.002 | 0.01 | 2.84 | 5.6 | 1 | 2.5 | 83.7 | 1.09 | <0.05 | 17.5 | 0.140 | 0.67 | 3.9 |
| J599004 | | 13.0 | 137.0 | 0.002 | 0.03 | 2.76 | 5.7 | <1 | 2.5 | 82.7 | 1.03 | <0.05 | 16.9 | 0.154 | 0.68 | 3.8 |
| J599005 | | 9.1 | 133.0 | <0.002 | 0.01 | 2.89 | 6.0 | 1 | 2.3 | 98.5 | 1.06 | <0.05 | 18.2 | 0.155 | 0.64 | 3.8 |
| J599006 | | 13.2 | 126.0 | <0.002 | 0.01 | 2.29 | 5.6 | 1 | 2.1 | 95.5 | 1.00 | <0.05 | 17.1 | 0.151 | 0.59 | 3.9 |
| J599007 | | 17.3 | 129.5 | <0.002 | 0.02 | 1.78 | 6.1 | 1 | 2.0 | 92.8 | 0.98 | <0.05 | 15.3 | 0.146 | 0.66 | 4.2 |
| J599008 | | 12.7 | 131.5 | 0.002 | 0.02 | 1.98 | 5.8 | <1 | 1.9 | 98.0 | 1.00 | 0.06 | 15.0 | 0.135 | 0.60 | 4.0 |
| J599009 | | 8.9 | 116.0 | 0.003 | 0.03 | 1.75 | 5.5 | <1 | 2.3 | 93.5 | 0.99 | <0.05 | 16.8 | 0.144 | 0.56 | 3.7 |
| J599010 | | 8.9 | 120.0 | <0.002 | 0.01 | 1.82 | 5.7 | <1 | 2.7 | 99.7 | 1.13 | <0.05 | 18.8 | 0.151 | 0.60 | 4.3 |
| J599011 | | 9.6 | 128.0 | 0.002 | <0.01 | 1.85 | 6.2 | <1 | 2.4 | 105.5 | 1.04 | <0.05 | 16.6 | 0.170 | 0.62 | 3.6 |
| J599012 | | 15.6 | 137.0 | 0.002 | 0.01 | 2.08 | 6.5 | <1 | 2.5 | 106.0 | 1.11 | <0.05 | 18.0 | 0.168 | 0.63 | 4.0 |
| J599013 | | 8.2 | 130.5 | <0.002 | <0.01 | 1.37 | 6.2 | 1 | 2.5 | 95.8 | 1.09 | <0.05 | 18.1 | 0.162 | 0.62 | 4.0 |
| J599014 | | 28.7 | 130.5 | 0.003 | 0.03 | 1.94 | 6.3 | <1 | 2.3 | 108.0 | 1.04 | <0.05 | 17.6 | 0.158 | 0.67 | 3.9 |
| J599015 | | 11.8 | 124.5 | <0.002 | 0.02 | 1.25 | 5.9 | 1 | 1.9 | 113.5 | 0.88 | <0.05 | 15.5 | 0.162 | 0.62 | 3.2 |
| J599016 | | 13.4 | 134.5 | 0.002 | 0.02 | 1.26 | 7.2 | 1 | 2.4 | 131.5 | 1.22 | <0.05 | 16.6 | 0.201 | 0.63 | 4.2 |
| J599017 | | 11.9 | 127.5 | 0.002 | 0.01 | 0.93 | 6.0 | <1 | 2.0 | 107.5 | 1.02 | <0.05 | 19.7 | 0.168 | 0.57 | 4.1 |
| J599018 | | 13.0 | 133.0 | <0.002 | <0.01 | 0.80 | 7.8 | 1 | 2.3 | 154.5 | 1.17 | <0.05 | 18.0 | 0.214 | 0.64 | 4.4 |
| J599019 | | 25.3 | 132.5 | 0.003 | 0.04 | 0.79 | 7.2 | <1 | 2.4 | 148.0 | 1.14 | <0.05 | 17.6 | 0.219 | 0.62 | 4.0 |
| J599020 | | 15.6 | 122.5 | <0.002 | 0.16 | 1.15 | 7.1 | 1 | 2.1 | 124.0 | 1.09 | <0.05 | 17.9 | 0.207 | 0.76 | 4.6 |
| J599021 | | 20.2 | 132.0 | <0.002 | 0.11 | 1.13 | 7.2 | 1 | 2.0 | 142.0 | 1.04 | <0.05 | 16.7 | 0.212 | 0.75 | 4.2 |
| J599022 | | 10.0 | 145.5 | 0.003 | 2.25 | 0.77 | 7.6 | 1 | 2.6 | 91.0 | 0.81 | <0.05 | 18.2 | 0.193 | 0.77 | 3.7 |
| J599023 | | 12.3 | 131.0 | <0.002 | 0.22 | 0.81 | 7.2 | <1 | 2.6 | 125.0 | 1.04 | <0.05 | 15.6 | 0.211 | 0.71 | 3.9 |
| J599024 | | 12.1 | 129.5 | <0.002 | 0.05 | 0.94 | 7.2 | 1 | 2.3 | 151.5 | 0.97 | <0.05 | 15.3 | 0.213 | 0.72 | 3.6 |
| J599025 | | 81.5 | 590 | 0.002 | 3.15 | 1.52 | 3.2 | <1 | 1.2 | 175.5 | 0.72 | <0.05 | 2.9 | 0.225 | 6.85 | 1.3 |
| J599026 | | 19.5 | 122.0 | <0.002 | 0.03 | 1.97 | 6.3 | <1 | 2.3 | 124.5 | 1.19 | <0.05 | 16.9 | 0.187 | 0.64 | 4.1 |
| J599027 | | 11.6 | 139.0 | <0.002 | 0.01 | 1.95 | 7.9 | <1 | 2.3 | 147.5 | 1.18 | <0.05 | 18.5 | 0.217 | 0.66 | 4.7 |
| J599028 | | 12.7 | 137.0 | <0.002 | 0.01 | 1.28 | 7.4 | 1 | 2.5 | 136.0 | 1.19 | <0.05 | 18.3 | 0.216 | 0.63 | 4.2 |
| J599029 | | 12.0 | 125.0 | <0.002 | 0.01 | 1.01 | 7.5 | 2 | 2.3 | 134.0 | 0.98 | <0.05 | 13.9 | 0.205 | 0.56 | 3.4 |
| J599030 | | 8.9 | 113.5 | <0.002 | 0.01 | 0.95 | 7.1 | 2 | 1.9 | 141.5 | 1.01 | <0.05 | 13.3 | 0.204 | 0.59 | 3.4 |
| J599031 | | 16.0 | 114.5 | 0.002 | 0.03 | 1.09 | 6.8 | 1 | 2.1 | 139.0 | 1.07 | <0.05 | 13.0 | 0.206 | 0.60 | 3.5 |
| J599032 | | 18.0 | 127.5 | <0.002 | 0.03 | 0.82 | 7.6 | 2 | 2.5 | 142.5 | 1.04 | <0.05 | 13.6 | 0.207 | 0.62 | 3.5 |
| J599033 | | 9.4 | 127.5 | <0.002 | <0.01 | 0.55 | 7.4 | 1 | 2.6 | 127.0 | 1.12 | <0.05 | 15.4 | 0.205 | 0.63 | 4.2 |
| J599034 | | 14.0 | 128.5 | <0.002 | 0.01 | 0.41 | 7.3 | 2 | 2.3 | 135.0 | 1.09 | <0.05 | 15.2 | 0.204 | 0.60 | 3.9 |
| J599035 | | 15.6 | 127.0 | <0.002 | 0.02 | 0.47 | 6.7 | 1 | 2.3 | 131.5 | 1.12 | <0.05 | 14.2 | 0.200 | 0.67 | 3.8 |
| J599036 | | 24.1 | 128.5 | <0.002 | 0.02 | 0.28 | 7.5 | 1 | 2.4 | 140.5 | 1.11 | <0.05 | 15.5 | 0.212 | 0.66 | 3.9 |
| J599037 | | 12.3 | 130.0 | <0.002 | 0.02 | 0.33 | 7.5 | 1 | 1.9 | 138.0 | 1.16 | <0.05 | 16.8 | 0.218 | 0.59 | 4.0 |
| J599038 | | 11.5 | 126.5 | <0.002 | 0.03 | 0.67 | 7.4 | 1 | 2.1 | 136.5 | 1.23 | <0.05 | 17.4 | 0.220 | 0.61 | 4.1 |
| J599039 | | 22.0 | 122.5 | 0.003 | 0.04 | 0.96 | 7.8 | 1 | 2.5 | 134.5 | 1.21 | <0.05 | 17.8 | 0.215 | 0.63 | 5.2 |

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|
| J599000 | | 10 | 1.5 | 19.7 | 36 | 202 |
| J599001 | | 10 | 1.4 | 18.4 | 26 | 199.5 |
| J599002 | | 10 | 1.6 | 18.7 | 35 | 209 |
| J599003 | | 10 | 1.5 | 21.8 | 27 | 195.0 |
| J599004 | | 10 | 1.4 | 21.1 | 32 | 230 |
| J599005 | | 10 | 0.9 | 23.3 | 24 | 199.5 |
| J599006 | | 10 | 1.2 | 22.2 | 30 | 199.5 |
| J599007 | | 9 | 1.0 | 24.8 | 30 | 173.5 |
| J599008 | | 9 | 1.5 | 22.6 | 24 | 176.0 |
| J599009 | | 10 | 2.6 | 18.8 | 22 | 183.5 |
| J599010 | | 10 | 1.0 | 21.6 | 18 | 202 |
| J599011 | | 12 | 0.9 | 23.2 | 21 | 211 |
| J599012 | | 12 | 1.2 | 26.3 | 32 | 225 |
| J599013 | | 11 | 1.2 | 26.7 | 21 | 211 |
| J599014 | | 11 | 1.7 | 26.6 | 46 | 223 |
| J599015 | | 11 | 1.4 | 22.0 | 24 | 200 |
| J599016 | | 15 | 1.2 | 28.1 | 30 | 215 |
| J599017 | | 12 | 2.3 | 23.9 | 22 | 226 |
| J599018 | | 17 | 2.2 | 27.3 | 29 | 261 |
| J599019 | | 17 | 2.0 | 25.1 | 45 | 255 |
| J599020 | | 15 | 2.6 | 25.3 | 32 | 241 |
| J599021 | | 17 | 1.9 | 23.4 | 45 | 243 |
| J599022 | | 16 | 16.0 | 26.5 | 11 | 270 |
| J599023 | | 16 | 4.1 | 22.8 | 25 | 255 |
| J599024 | | 17 | 1.6 | 23.4 | 33 | 246 |
| J599025 | | 28 | 0.2 | 4.8 | 38 | 50.0 |
| J599026 | | 15 | 1.5 | 24.9 | 39 | 222 |
| J599027 | | 17 | 1.2 | 28.9 | 33 | 267 |
| J599028 | | 17 | 2.8 | 27.2 | 33 | 252 |
| J599029 | | 15 | 2.1 | 24.7 | 31 | 229 |
| J599030 | | 15 | 1.3 | 24.2 | 26 | 222 |
| J599031 | | 16 | 1.2 | 22.6 | 35 | 218 |
| J599032 | | 16 | 1.0 | 26.7 | 39 | 234 |
| J599033 | | 15 | 1.0 | 25.8 | 32 | 217 |
| J599034 | | 15 | 1.4 | 26.5 | 36 | 232 |
| J599035 | | 15 | 1.5 | 25.1 | 40 | 224 |
| J599036 | | 16 | 1.6 | 26.9 | 45 | 240 |
| J599037 | | 17 | 1.2 | 28.4 | 33 | 234 |
| J599038 | | 17 | 7.1 | 28.2 | 34 | 244 |
| J599039 | | 18 | 312 | 33.3 | 42 | 244 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599040 | | 1.73 | 0.006 | 0.31 | 6.89 | 65.9 | 1030 | 1.53 | 0.09 | 0.98 | 0.07 | 110.5 | 2.0 | 9 | 1.83 | 8.1 |
| J599041 | | 1.52 | 0.302 | 0.46 | 6.73 | 204 | 900 | 1.60 | 0.12 | 0.78 | 0.12 | 81.0 | 3.6 | 10 | 1.94 | 21.3 |
| J599042 | | 1.58 | 0.033 | 0.21 | 6.97 | 44.5 | 960 | 1.68 | 0.06 | 1.14 | 0.06 | 117.5 | 3.1 | 9 | 2.81 | 4.9 |
| J599043 | | 1.48 | 0.008 | 0.14 | 6.87 | 52.7 | 930 | 1.57 | 0.07 | 1.07 | 0.05 | 110.0 | 3.3 | 9 | 3.04 | 5.5 |
| J599044 | | 1.01 | 0.117 | 0.18 | 6.67 | 136.5 | 850 | 2.17 | 0.12 | 0.99 | 0.05 | 111.0 | 3.7 | 8 | 1.55 | 16.6 |
| J599045 | | 1.22 | 0.417 | 0.12 | 6.58 | 879 | 890 | 1.46 | 0.15 | 1.02 | 0.04 | 110.5 | 3.7 | 6 | 1.45 | 9.0 |
| J599046 | | 0.83 | 0.014 | 0.10 | 6.57 | 179.0 | 930 | 1.39 | 0.08 | 1.00 | 0.11 | 104.5 | 2.5 | 7 | 2.59 | 7.0 |
| J599047 | | 1.50 | <0.005 | 0.10 | 6.67 | 3.3 | 920 | 1.83 | 0.15 | 0.99 | 0.05 | 116.0 | 2.8 | 10 | 3.23 | 6.7 |
| J599048 | | 1.47 | <0.005 | 0.09 | 6.64 | 6.7 | 930 | 1.68 | 0.08 | 1.00 | 0.06 | 109.5 | 2.7 | 9 | 3.00 | 7.2 |
| J599049 | | 1.59 | <0.005 | 0.10 | 6.73 | 3.3 | 920 | 1.41 | 0.09 | 1.00 | 0.09 | 110.0 | 2.7 | 9 | 3.18 | 6.8 |
| J599050 | | 0.03 | 3.46 | 0.16 | 1.62 | 1.2 | 110 | 0.35 | 0.17 | 0.01 | 0.16 | 19.05 | 1.1 | 13 | 0.65 | 6.2 |
| J599051 | | 1.59 | <0.005 | 0.12 | 6.44 | 4.8 | 930 | 1.60 | 0.08 | 0.96 | 0.11 | 113.5 | 2.8 | 8 | 3.17 | 12.1 |
| J599052 | | 1.73 | <0.005 | 0.13 | 5.62 | 6.9 | 820 | 1.64 | 0.07 | 0.92 | 0.07 | 96.6 | 2.8 | 11 | 2.98 | 9.5 |
| J599053 | | 1.42 | <0.005 | 0.12 | 6.55 | 8.2 | 870 | 1.57 | 0.07 | 1.02 | 0.06 | 109.5 | 2.8 | 9 | 3.18 | 7.6 |
| J599054 | | 1.50 | <0.005 | 0.08 | 6.38 | 2.6 | 790 | 1.59 | 0.07 | 0.98 | 0.05 | 104.5 | 2.8 | 8 | 3.40 | 6.1 |
| J599055 | | 1.10 | <0.005 | 0.07 | 6.46 | 11.4 | 850 | 1.65 | 0.07 | 1.02 | 0.04 | 105.0 | 3.3 | 12 | 3.53 | 4.2 |
| J599056 | | 0.56 | <0.005 | 0.25 | 6.32 | 44.5 | 520 | 1.83 | 0.10 | 0.93 | 0.03 | 68.8 | 1.2 | 10 | 1.55 | 4.6 |
| J599057 | | 1.55 | <0.005 | 0.10 | 6.83 | 27.7 | 950 | 1.66 | 0.08 | 1.15 | 0.03 | 115.5 | 3.3 | 9 | 3.29 | 3.1 |
| J599058 | | 1.46 | <0.005 | 0.09 | 6.87 | 36.6 | 880 | 1.48 | 0.06 | 1.15 | 0.07 | 105.0 | 2.9 | 8 | 2.53 | 6.5 |
| J599059 | | 0.73 | <0.005 | 0.20 | 6.20 | 39.5 | 580 | 1.48 | 0.08 | 0.99 | 0.33 | 42.6 | 2.3 | 9 | 1.20 | 18.1 |
| J599060 | | 0.90 | <0.005 | 0.12 | 6.78 | 16.3 | 930 | 1.87 | 0.09 | 1.14 | 0.14 | 120.0 | 4.0 | 10 | 2.93 | 9.8 |
| J599061 | | 1.49 | <0.005 | 0.09 | 7.03 | 19.9 | 1000 | 1.70 | 0.10 | 1.20 | 0.05 | 110.0 | 3.2 | 9 | 2.55 | 3.5 |
| J599062 | | 1.53 | <0.005 | 0.06 | 6.81 | 3.1 | 990 | 1.58 | 0.07 | 1.08 | 0.04 | 117.0 | 3.7 | 10 | 2.43 | 5.9 |
| J599063 | | 1.81 | <0.005 | 0.07 | 6.57 | 2.9 | 890 | 1.71 | 0.08 | 1.06 | 0.06 | 111.5 | 3.1 | 10 | 2.83 | 8.2 |
| J599064 | | 1.94 | <0.005 | 0.15 | 6.76 | 4.1 | 930 | 1.64 | 0.09 | 1.07 | 0.08 | 113.0 | 3.3 | 11 | 3.37 | 15.2 |
| J599065 | | 1.96 | <0.005 | 0.05 | 6.77 | 1.9 | 920 | 1.79 | 0.08 | 1.09 | 0.07 | 111.5 | 3.2 | 10 | 3.23 | 10.6 |
| J599066 | | 2.03 | <0.005 | 0.06 | 6.57 | 3.6 | 900 | 1.84 | 0.10 | 1.06 | 0.07 | 109.0 | 3.1 | 11 | 3.03 | 9.0 |
| J599067 | | 1.97 | <0.005 | 0.04 | 6.58 | 2.0 | 910 | 1.44 | 0.07 | 1.06 | 0.11 | 103.0 | 2.9 | 10 | 2.91 | 10.7 |
| J599068 | | 2.06 | <0.005 | 0.03 | 6.61 | 1.1 | 930 | 1.62 | 0.08 | 1.08 | 0.11 | 114.5 | 3.0 | 9 | 2.85 | 9.8 |
| J599069 | | 1.95 | <0.005 | 0.04 | 6.44 | 1.6 | 900 | 1.47 | 0.10 | 1.05 | 0.09 | 113.0 | 3.2 | 9 | 2.98 | 9.8 |
| J599070 | | 1.90 | <0.005 | 0.04 | 6.42 | 1.5 | 870 | 1.53 | 0.07 | 1.00 | 0.08 | 106.0 | 2.8 | 9 | 3.22 | 8.5 |
| J599071 | | 1.91 | <0.005 | 0.02 | 6.46 | 1.7 | 870 | 1.37 | 0.10 | 1.04 | 0.08 | 112.0 | 3.0 | 12 | 3.32 | 8.1 |
| J599072 | | 1.89 | <0.005 | 0.06 | 6.87 | 1.0 | 920 | 1.86 | 0.08 | 1.12 | 0.08 | 108.5 | 2.8 | 13 | 4.47 | 6.7 |
| J599073 | | 1.95 | <0.005 | 0.04 | 6.57 | 3.8 | 910 | 1.60 | 0.07 | 1.07 | 0.04 | 107.5 | 3.3 | 10 | 3.70 | 6.1 |
| J599074 | | 1.74 | <0.005 | 0.05 | 6.87 | 3.8 | 980 | 1.54 | 0.06 | 1.13 | 0.03 | 111.0 | 3.2 | 10 | 3.64 | 4.5 |
| J599075 | | 0.04 | 8.44 | 0.51 | 8.14 | 4.3 | 190 | 2.32 | 0.11 | 1.10 | 0.52 | 19.95 | 11.7 | 38 | 1.64 | 18.4 |
| J599076 | | 1.66 | <0.005 | 0.06 | 7.00 | 17.1 | 1010 | 1.78 | 0.08 | 1.03 | 0.05 | 123.0 | 3.7 | 9 | 3.56 | 6.4 |
| J599077 | | 1.79 | <0.005 | 0.06 | 6.89 | 23.6 | 960 | 1.63 | 0.10 | 1.12 | 0.07 | 113.0 | 3.6 | 10 | 3.78 | 6.8 |
| J599078 | | 1.63 | <0.005 | 0.06 | 6.73 | 15.1 | 910 | 1.66 | 0.09 | 1.01 | 0.04 | 111.0 | 3.0 | 9 | 3.31 | 6.7 |
| J599079 | | 1.13 | 0.010 | 0.11 | 6.78 | 26.5 | 950 | 1.57 | 0.09 | 0.90 | 0.06 | 102.0 | 4.0 | 9 | 3.13 | 9.5 |

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

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To: **RAINY RIVER RESOURCES LTD.**
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**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599040 | | 1.84 | 17.45 | 0.16 | 6.8 | 0.037 | 3.18 | 56.6 | 20.1 | 0.24 | 344 | 1.64 | 2.84 | 12.0 | 2.7 | 320 |
| J599041 | | 1.85 | 17.90 | 0.16 | 7.2 | 0.036 | 3.19 | 40.2 | 19.8 | 0.20 | 376 | 2.00 | 2.84 | 14.2 | 2.5 | 270 |
| J599042 | | 2.04 | 17.90 | 0.12 | 7.2 | 0.047 | 3.24 | 63.4 | 24.0 | 0.26 | 386 | 1.88 | 2.95 | 12.7 | 2.7 | 320 |
| J599043 | | 1.94 | 17.25 | 0.18 | 6.9 | 0.049 | 3.25 | 55.6 | 23.4 | 0.24 | 379 | 2.49 | 2.94 | 12.7 | 2.8 | 290 |
| J599044 | | 2.14 | 17.35 | 0.14 | 7.6 | 0.044 | 3.03 | 54.4 | 17.0 | 0.20 | 352 | 2.25 | 2.78 | 14.3 | 2.4 | 260 |
| J599045 | | 2.08 | 16.85 | 0.17 | 6.6 | 0.040 | 2.85 | 56.0 | 18.6 | 0.23 | 362 | 1.67 | 2.78 | 10.9 | 2.5 | 280 |
| J599046 | | 1.88 | 16.40 | 0.16 | 6.9 | 0.031 | 3.15 | 52.9 | 20.2 | 0.24 | 399 | 2.17 | 2.79 | 11.7 | 2.5 | 290 |
| J599047 | | 1.92 | 16.95 | 0.16 | 7.0 | 0.037 | 3.13 | 60.2 | 22.2 | 0.25 | 409 | 3.29 | 2.92 | 12.9 | 2.8 | 290 |
| J599048 | | 1.96 | 16.40 | 0.16 | 6.9 | 0.037 | 3.13 | 53.8 | 20.4 | 0.25 | 427 | 2.69 | 2.94 | 12.0 | 2.7 | 300 |
| J599049 | | 1.90 | 17.25 | 0.15 | 6.7 | 0.035 | 3.14 | 56.7 | 20.9 | 0.25 | 408 | 2.53 | 2.95 | 12.1 | 2.6 | 300 |
| J599050 | | 1.47 | 3.81 | 0.08 | 0.7 | 0.011 | 0.17 | 10.2 | 18.1 | 0.02 | 112 | 0.76 | 0.03 | 3.8 | 5.6 | 50 |
| J599051 | | 1.86 | 17.35 | 0.12 | 6.1 | 0.037 | 2.94 | 56.3 | 21.6 | 0.24 | 397 | 2.68 | 2.76 | 12.8 | 3.1 | 280 |
| J599052 | | 1.80 | 16.60 | 0.13 | 6.1 | 0.036 | 2.87 | 47.2 | 22.9 | 0.23 | 376 | 1.93 | 2.73 | 12.5 | 2.8 | 290 |
| J599053 | | 1.92 | 17.15 | 0.14 | 6.0 | 0.038 | 2.87 | 54.9 | 24.4 | 0.26 | 411 | 2.92 | 2.81 | 12.8 | 2.8 | 320 |
| J599054 | | 1.82 | 17.10 | 0.15 | 5.5 | 0.032 | 2.88 | 52.2 | 24.5 | 0.23 | 380 | 3.10 | 2.78 | 12.5 | 2.6 | 290 |
| J599055 | | 1.90 | 16.90 | 0.14 | 5.9 | 0.032 | 2.92 | 51.9 | 25.7 | 0.24 | 390 | 2.33 | 2.75 | 12.4 | 2.8 | 300 |
| J599056 | | 1.39 | 15.60 | 0.12 | 6.5 | 0.017 | 3.45 | 30.2 | 9.5 | 0.10 | 254 | 2.59 | 2.71 | 13.6 | 1.3 | 110 |
| J599057 | | 2.03 | 17.45 | 0.14 | 6.7 | 0.040 | 3.13 | 55.9 | 29.0 | 0.26 | 425 | 1.55 | 2.95 | 12.2 | 2.8 | 320 |
| J599058 | | 1.96 | 16.45 | 0.12 | 6.7 | 0.039 | 2.88 | 51.6 | 27.5 | 0.26 | 423 | 1.98 | 3.08 | 12.9 | 2.4 | 330 |
| J599059 | | 1.22 | 15.30 | 0.13 | 5.6 | 0.029 | 2.35 | 20.6 | 16.5 | 0.13 | 249 | 2.53 | 3.14 | 9.1 | 1.6 | 110 |
| J599060 | | 1.99 | 17.85 | 0.16 | 6.8 | 0.039 | 2.69 | 60.6 | 27.3 | 0.27 | 343 | 3.77 | 3.09 | 14.2 | 2.8 | 330 |
| J599061 | | 2.09 | 16.80 | 0.18 | 7.7 | 0.041 | 2.82 | 57.7 | 28.7 | 0.27 | 368 | 1.99 | 3.15 | 12.4 | 2.6 | 330 |
| J599062 | | 2.09 | 17.30 | 0.19 | 7.0 | 0.045 | 3.11 | 60.3 | 25.2 | 0.28 | 344 | 2.00 | 2.93 | 12.6 | 2.8 | 330 |
| J599063 | | 1.93 | 16.75 | 0.19 | 7.2 | 0.042 | 3.02 | 57.8 | 25.6 | 0.26 | 349 | 2.35 | 2.88 | 12.6 | 2.7 | 310 |
| J599064 | | 2.06 | 18.10 | 0.18 | 7.7 | 0.046 | 3.11 | 56.7 | 26.9 | 0.27 | 389 | 2.63 | 2.97 | 13.2 | 3.1 | 320 |
| J599065 | | 1.99 | 17.55 | 0.17 | 6.5 | 0.026 | 3.05 | 54.2 | 25.0 | 0.27 | 400 | 3.15 | 2.94 | 12.0 | 3.3 | 320 |
| J599066 | | 1.95 | 17.15 | 0.16 | 6.7 | 0.036 | 3.00 | 51.5 | 23.4 | 0.26 | 400 | 3.04 | 2.96 | 12.6 | 2.8 | 310 |
| J599067 | | 1.96 | 16.15 | 0.17 | 6.7 | 0.034 | 3.03 | 47.8 | 23.4 | 0.26 | 388 | 1.72 | 2.94 | 11.5 | 2.6 | 320 |
| J599068 | | 1.93 | 16.90 | 0.19 | 6.0 | 0.045 | 3.03 | 57.9 | 24.2 | 0.27 | 391 | 1.89 | 2.95 | 10.7 | 2.6 | 320 |
| J599069 | | 1.95 | 17.05 | 0.17 | 6.7 | 0.038 | 2.90 | 54.6 | 25.8 | 0.26 | 382 | 2.36 | 2.88 | 11.8 | 2.9 | 320 |
| J599070 | | 1.81 | 17.10 | 0.19 | 6.5 | 0.038 | 2.98 | 52.7 | 25.1 | 0.25 | 350 | 2.22 | 2.90 | 12.6 | 2.5 | 300 |
| J599071 | | 1.94 | 16.75 | 0.16 | 6.6 | 0.039 | 2.92 | 52.3 | 25.8 | 0.26 | 368 | 2.68 | 2.88 | 11.5 | 2.6 | 310 |
| J599072 | | 1.92 | 17.25 | 0.15 | 6.9 | 0.041 | 3.35 | 53.5 | 26.1 | 0.27 | 389 | 2.70 | 3.10 | 15.1 | 2.8 | 320 |
| J599073 | | 2.06 | 17.30 | 0.16 | 6.5 | 0.040 | 3.36 | 52.1 | 29.6 | 0.26 | 411 | 1.76 | 2.73 | 14.4 | 2.7 | 310 |
| J599074 | | 2.02 | 17.35 | 0.17 | 5.9 | 0.036 | 3.40 | 54.4 | 28.4 | 0.26 | 396 | 1.93 | 2.92 | 13.6 | 2.7 | 320 |
| J599075 | | 4.61 | 22.0 | 0.12 | 1.6 | 0.021 | 2.41 | 9.6 | 2.5 | 1.00 | 279 | 2.28 | 5.25 | 9.9 | 43.3 | 680 |
| J599076 | | 2.17 | 17.55 | 0.14 | 6.7 | 0.038 | 3.23 | 59.1 | 30.2 | 0.26 | 385 | 1.60 | 3.07 | 12.3 | 2.7 | 320 |
| J599077 | | 2.05 | 18.25 | 0.17 | 6.5 | 0.039 | 3.22 | 57.2 | 28.7 | 0.26 | 377 | 1.34 | 2.99 | 12.0 | 2.5 | 310 |
| J599078 | | 2.04 | 17.25 | 0.15 | 6.9 | 0.028 | 3.03 | 52.9 | 25.1 | 0.25 | 356 | 1.28 | 2.91 | 12.2 | 2.4 | 300 |
| J599079 | | 2.26 | 16.75 | 0.16 | 7.7 | 0.043 | 2.83 | 51.4 | 27.3 | 0.27 | 413 | 0.88 | 3.27 | 12.0 | 2.4 | 320 |

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

ALS Canada Ltd.
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599040 | | 12.2 | 118.0 | <0.002 | 0.09 | 0.65 | 7.0 | <1 | 2.6 | 127.0 | 1.10 | <0.05 | 15.5 | 0.192 | 0.52 | 3.6 |
| J599041 | | 24.3 | 126.0 | 0.002 | 0.50 | 0.89 | 7.0 | 2 | 2.2 | 105.0 | 1.37 | <0.05 | 18.7 | 0.176 | 0.63 | 5.5 |
| J599042 | | 14.1 | 136.5 | 0.003 | 0.07 | 0.90 | 7.6 | 1 | 2.6 | 143.0 | 1.06 | <0.05 | 14.1 | 0.208 | 0.72 | 3.6 |
| J599043 | | 16.4 | 145.0 | 0.002 | 0.05 | 0.92 | 7.1 | 2 | 2.9 | 131.0 | 1.11 | <0.05 | 15.3 | 0.194 | 0.73 | 4.1 |
| J599044 | | 17.5 | 119.0 | 0.002 | 0.76 | 0.66 | 6.1 | 1 | 2.8 | 106.0 | 1.72 | <0.05 | 20.8 | 0.159 | 0.62 | 6.2 |
| J599045 | | 11.9 | 117.0 | <0.002 | 0.97 | 0.91 | 6.9 | 2 | 2.8 | 98.5 | 0.96 | <0.05 | 14.7 | 0.176 | 0.54 | 4.0 |
| J599046 | | 24.1 | 127.0 | <0.002 | 0.10 | 0.38 | 6.5 | 1 | 2.3 | 136.0 | 1.00 | <0.05 | 14.4 | 0.184 | 0.70 | 3.8 |
| J599047 | | 12.2 | 137.0 | 0.002 | <0.01 | 0.23 | 7.1 | 2 | 2.6 | 134.0 | 1.11 | <0.05 | 14.7 | 0.193 | 0.71 | 3.7 |
| J599048 | | 13.2 | 129.5 | <0.002 | <0.01 | 0.32 | 6.6 | 1 | 2.3 | 125.0 | 1.04 | <0.05 | 14.3 | 0.191 | 0.69 | 3.6 |
| J599049 | | 13.9 | 135.0 | <0.002 | <0.01 | 0.27 | 6.8 | 1 | 2.3 | 128.0 | 1.07 | <0.05 | 15.1 | 0.191 | 0.68 | 3.8 |
| J599050 | | 29.9 | 12.6 | <0.002 | 1.07 | 0.65 | 1.4 | 1 | 1.6 | 14.6 | 0.30 | <0.05 | 3.2 | 0.097 | 0.51 | 0.5 |
| J599051 | | 19.3 | 130.0 | <0.002 | 0.01 | 0.37 | 7.5 | 1 | 2.2 | 121.5 | 1.09 | <0.05 | 16.6 | 0.177 | 0.63 | 4.0 |
| J599052 | | 16.0 | 123.5 | <0.002 | 0.01 | 0.32 | 7.1 | 1 | 2.1 | 115.5 | 1.04 | <0.05 | 14.8 | 0.187 | 0.66 | 3.9 |
| J599053 | | 14.2 | 131.5 | <0.002 | 0.01 | 0.39 | 8.1 | 1 | 2.1 | 128.0 | 1.01 | <0.05 | 14.9 | 0.200 | 0.65 | 3.6 |
| J599054 | | 14.5 | 134.0 | <0.002 | <0.01 | 0.23 | 7.2 | 1 | 2.0 | 122.5 | 1.03 | <0.05 | 15.4 | 0.185 | 0.71 | 4.2 |
| J599055 | | 13.2 | 137.5 | <0.002 | <0.01 | 0.44 | 7.7 | 1 | 2.1 | 126.0 | 1.01 | <0.05 | 14.0 | 0.192 | 0.71 | 4.0 |
| J599056 | | 15.9 | 134.5 | 0.002 | 0.01 | 0.70 | 3.5 | 2 | 1.5 | 82.9 | 1.71 | <0.05 | 23.4 | 0.084 | 0.72 | 6.8 |
| J599057 | | 11.8 | 135.5 | <0.002 | <0.01 | 0.69 | 7.2 | 2 | 2.7 | 151.5 | 0.99 | <0.05 | 12.8 | 0.203 | 0.68 | 3.3 |
| J599058 | | 13.2 | 117.0 | <0.002 | 0.02 | 0.76 | 7.1 | 2 | 2.5 | 130.0 | 1.07 | <0.05 | 12.9 | 0.207 | 0.61 | 3.1 |
| J599059 | | 46.4 | 81.1 | 0.002 | 0.06 | 0.87 | 4.4 | 2 | 2.1 | 89.5 | 1.41 | <0.05 | 22.0 | 0.088 | 0.41 | 6.1 |
| J599060 | | 15.1 | 112.5 | <0.002 | 0.01 | 0.68 | 7.8 | 2 | 2.3 | 154.0 | 1.21 | <0.05 | 16.3 | 0.209 | 0.59 | 3.2 |
| J599061 | | 11.3 | 109.0 | <0.002 | <0.01 | 0.69 | 7.6 | 2 | 1.9 | 163.5 | 1.05 | <0.05 | 14.1 | 0.213 | 0.54 | 3.1 |
| J599062 | | 10.7 | 120.0 | <0.002 | <0.01 | 0.29 | 7.3 | 2 | 2.2 | 143.0 | 1.05 | <0.05 | 14.9 | 0.208 | 0.53 | 3.7 |
| J599063 | | 13.0 | 131.5 | <0.002 | <0.01 | 0.22 | 7.0 | 2 | 2.5 | 135.0 | 1.11 | <0.05 | 14.9 | 0.199 | 0.65 | 3.8 |
| J599064 | | 19.6 | 149.5 | 0.002 | 0.02 | 0.25 | 7.3 | 2 | 2.5 | 142.0 | 1.07 | <0.05 | 15.7 | 0.204 | 0.70 | 4.0 |
| J599065 | | 18.4 | 125.5 | <0.002 | <0.01 | 0.15 | 7.0 | 1 | 2.7 | 140.5 | 1.04 | <0.05 | 15.5 | 0.203 | 0.75 | 3.8 |
| J599066 | | 16.3 | 119.5 | <0.002 | <0.01 | 0.21 | 7.2 | <1 | 2.6 | 136.0 | 1.18 | 0.05 | 15.6 | 0.199 | 0.66 | 4.0 |
| J599067 | | 16.8 | 116.5 | <0.002 | <0.01 | 0.14 | 6.8 | 1 | 2.4 | 138.5 | 1.05 | <0.05 | 13.6 | 0.205 | 0.66 | 3.3 |
| J599068 | | 18.6 | 112.0 | <0.002 | <0.01 | 0.14 | 7.2 | <1 | 2.8 | 146.0 | 0.93 | <0.05 | 13.9 | 0.201 | 0.61 | 3.3 |
| J599069 | | 16.8 | 113.0 | <0.002 | <0.01 | 0.16 | 7.2 | 1 | 2.8 | 141.0 | 1.04 | <0.05 | 14.3 | 0.200 | 0.71 | 3.6 |
| J599070 | | 17.8 | 121.0 | <0.002 | <0.01 | 0.17 | 6.9 | 1 | 2.5 | 137.0 | 1.14 | <0.05 | 15.5 | 0.191 | 0.72 | 4.0 |
| J599071 | | 15.6 | 111.0 | <0.002 | <0.01 | 0.15 | 7.0 | 1 | 2.6 | 138.5 | 1.03 | <0.05 | 13.9 | 0.200 | 0.71 | 3.6 |
| J599072 | | 18.5 | 150.5 | <0.002 | <0.01 | 0.20 | 6.9 | 1 | 2.9 | 140.0 | 1.53 | <0.05 | 17.3 | 0.208 | 0.79 | 4.5 |
| J599073 | | 17.3 | 146.5 | <0.002 | <0.01 | 0.34 | 6.9 | 1 | 2.7 | 132.5 | 1.25 | <0.05 | 19.2 | 0.207 | 0.86 | 4.6 |
| J599074 | | 16.0 | 139.5 | <0.002 | <0.01 | 0.29 | 6.8 | 1 | 2.5 | 144.0 | 1.15 | <0.05 | 16.6 | 0.212 | 0.81 | 4.0 |
| J599075 | | 95.8 | 204 | 0.002 | 3.38 | 1.17 | 4.0 | <1 | 1.2 | 187.0 | 0.79 | <0.05 | 2.8 | 0.273 | 2.03 | 1.0 |
| J599076 | | 18.8 | 130.0 | <0.002 | 0.01 | 0.51 | 7.9 | 1 | 2.4 | 152.0 | 1.02 | <0.05 | 15.2 | 0.209 | 0.86 | 3.5 |
| J599077 | | 20.3 | 130.0 | <0.002 | 0.01 | 0.58 | 7.7 | <1 | 2.7 | 156.5 | 1.06 | <0.05 | 15.1 | 0.204 | 0.89 | 3.6 |
| J599078 | | 24.4 | 118.5 | 0.002 | 0.01 | 0.51 | 7.0 | 1 | 2.4 | 146.0 | 1.19 | <0.05 | 17.2 | 0.196 | 0.80 | 4.4 |
| J599079 | | 23.5 | 119.0 | <0.002 | 0.01 | 0.59 | 7.4 | <1 | 2.2 | 120.5 | 1.20 | <0.05 | 16.3 | 0.201 | 0.87 | 3.7 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|
| J599040 | | 15 | 2.7 | 22.8 | 36 | 211 |
| J599041 | | 13 | 12.8 | 23.8 | 38 | 219 |
| J599042 | | 16 | 3.4 | 25.3 | 40 | 241 |
| J599043 | | 14 | 2.6 | 25.2 | 38 | 218 |
| J599044 | | 12 | 6.4 | 24.7 | 26 | 211 |
| J599045 | | 14 | 10.5 | 21.4 | 24 | 210 |
| J599046 | | 13 | 2.5 | 23.1 | 55 | 216 |
| J599047 | | 14 | 1.8 | 27.7 | 44 | 226 |
| J599048 | | 14 | 1.9 | 24.4 | 48 | 219 |
| J599049 | | 14 | 1.4 | 25.7 | 48 | 214 |
| J599050 | | 9 | 0.9 | 2.5 | 15 | 21.2 |
| J599051 | | 13 | 2.7 | 25.7 | 52 | 224 |
| J599052 | | 14 | 1.4 | 22.6 | 44 | 228 |
| J599053 | | 15 | 1.9 | 24.9 | 44 | 226 |
| J599054 | | 14 | 1.9 | 26.4 | 39 | 202 |
| J599055 | | 14 | 1.2 | 26.8 | 40 | 223 |
| J599056 | | 8 | 1.7 | 25.4 | 18 | 154.5 |
| J599057 | | 15 | 0.8 | 24.8 | 38 | 226 |
| J599058 | | 15 | 1.3 | 24.3 | 37 | 214 |
| J599059 | | 8 | 1.2 | 17.2 | 48 | 132.5 |
| J599060 | | 16 | 1.3 | 26.2 | 39 | 211 |
| J599061 | | 16 | 0.9 | 25.4 | 32 | 241 |
| J599062 | | 16 | 0.8 | 25.1 | 29 | 222 |
| J599063 | | 15 | 1.0 | 25.7 | 33 | 224 |
| J599064 | | 16 | 1.4 | 26.9 | 46 | 256 |
| J599065 | | 15 | 0.8 | 26.8 | 44 | 220 |
| J599066 | | 15 | 0.7 | 27.3 | 46 | 205 |
| J599067 | | 16 | 0.9 | 24.7 | 44 | 210 |
| J599068 | | 15 | 0.9 | 24.4 | 44 | 183.5 |
| J599069 | | 15 | 0.9 | 26.1 | 43 | 215 |
| J599070 | | 14 | 0.7 | 27.7 | 43 | 208 |
| J599071 | | 15 | 1.0 | 25.7 | 45 | 201 |
| J599072 | | 16 | 1.8 | 30.5 | 49 | 246 |
| J599073 | | 16 | 1.2 | 29.7 | 42 | 238 |
| J599074 | | 17 | 0.8 | 27.0 | 36 | 214 |
| J599075 | | 34 | 0.3 | 6.1 | 43 | 49.8 |
| J599076 | | 16 | 0.9 | 28.5 | 45 | 211 |
| J599077 | | 16 | 1.3 | 28.2 | 44 | 208 |
| J599078 | | 15 | 0.9 | 28.7 | 40 | 209 |
| J599079 | | 16 | 1.1 | 24.9 | 45 | 218 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599080 | | 0.94 | <0.005 | 0.06 | 6.67 | 14.7 | 870 | 1.78 | 0.10 | 0.98 | 0.07 | 102.0 | 5.0 | 8 | 2.92 | 6.3 |
| J599081 | | 1.00 | <0.005 | 0.06 | 6.83 | 10.3 | 540 | 2.25 | 0.15 | 1.42 | 0.16 | 98.9 | 6.7 | 11 | 3.85 | 24.4 |
| J599082 | | 1.00 | 0.024 | 0.12 | 6.73 | 12.4 | 880 | 1.83 | 0.12 | 1.06 | 0.10 | 110.5 | 4.1 | 9 | 3.38 | 20.1 |
| J599083 | | 1.06 | <0.005 | 0.21 | 6.82 | 5.8 | 920 | 1.78 | 0.06 | 1.09 | 0.04 | 110.5 | 3.6 | 8 | 3.33 | 12.1 |
| J599084 | | 1.02 | <0.005 | 0.22 | 6.76 | 4.7 | 930 | 1.49 | 0.05 | 1.11 | 0.02 | 125.0 | 3.5 | 8 | 3.14 | 3.3 |
| J599085 | | 1.65 | <0.005 | 0.12 | 6.81 | 6.4 | 930 | 1.37 | 0.06 | 1.15 | 0.06 | 114.0 | 3.1 | 8 | 2.99 | 5.3 |
| J599086 | | 1.45 | <0.005 | 0.08 | 6.77 | 2.7 | 970 | 1.74 | 0.06 | 1.13 | 0.06 | 123.5 | 3.4 | 8 | 3.55 | 3.5 |
| J599087 | | 2.05 | 0.013 | 0.12 | 6.89 | 15.6 | 920 | 1.49 | 0.07 | 1.15 | 0.06 | 117.5 | 3.4 | 10 | 3.00 | 9.7 |
| J599088 | | 2.39 | <0.005 | 0.12 | 6.80 | 14.1 | 940 | 1.40 | 0.06 | 1.14 | 0.04 | 116.0 | 3.4 | 9 | 2.81 | 3.4 |
| J599089 | | 2.16 | 0.009 | 0.07 | 7.08 | 23.0 | 950 | 1.78 | 0.12 | 1.15 | 0.03 | 117.0 | 3.0 | 9 | 2.67 | 16.6 |
| J599090 | | 0.76 | <0.005 | 0.09 | 6.90 | 20.6 | 1040 | 1.58 | 0.12 | 1.13 | 0.06 | 120.5 | 4.4 | 10 | 2.20 | 44.0 |
| J599091 | | 1.62 | <0.005 | 0.04 | 6.82 | 8.5 | 930 | 1.47 | 0.05 | 1.14 | 0.05 | 117.5 | 2.9 | 8 | 2.63 | 5.3 |
| J599092 | | 2.19 | <0.005 | 0.10 | 6.78 | 5.8 | 900 | 1.93 | 0.06 | 1.28 | 0.07 | 113.5 | 2.8 | 8 | 2.63 | 6.6 |
| J599093 | | 2.18 | 0.010 | 0.18 | 6.92 | 6.0 | 890 | 1.51 | 0.06 | 1.29 | 0.04 | 115.0 | 3.3 | 11 | 2.29 | 5.1 |
| J599094 | | 2.33 | <0.005 | 0.06 | 6.81 | 5.8 | 920 | 1.44 | 0.05 | 1.04 | <0.02 | 117.0 | 2.5 | 9 | 2.05 | 11.1 |
| J599095 | | 2.18 | <0.005 | 0.06 | 6.74 | 8.8 | 980 | 1.34 | 0.04 | 1.04 | 0.09 | 111.5 | 3.0 | 9 | 2.45 | 12.0 |
| J599096 | | 1.65 | <0.005 | 0.09 | 6.70 | 8.5 | 950 | 1.36 | 0.04 | 1.27 | 0.04 | 116.0 | 3.1 | 13 | 3.10 | 3.1 |
| J599097 | | 1.59 | <0.005 | 0.07 | 6.79 | 9.8 | 1040 | 1.40 | 0.05 | 1.01 | 0.03 | 120.5 | 3.4 | 10 | 3.31 | 2.3 |
| J599098 | | 1.84 | <0.005 | 0.05 | 6.92 | 9.6 | 1060 | 1.66 | 0.06 | 1.16 | 0.11 | 123.5 | 4.2 | 9 | 3.49 | 6.7 |
| J599099 | | 1.67 | <0.005 | 0.02 | 6.78 | 6.4 | 970 | 1.52 | 0.05 | 1.07 | 0.03 | 119.0 | 3.6 | 8 | 3.26 | 4.2 |
| J599100 | | 0.07 | <0.005 | 0.05 | 6.72 | 1.4 | 880 | 1.00 | 0.09 | 1.36 | 0.08 | 35.7 | 2.2 | 13 | 1.66 | 3.9 |
| J599101 | | 1.67 | <0.005 | 0.11 | 6.88 | 3.8 | 890 | 1.54 | 0.04 | 1.21 | 0.03 | 124.0 | 3.4 | 8 | 3.56 | 4.7 |
| J599102 | | 1.85 | <0.005 | 0.03 | 6.74 | 1.7 | 900 | 1.74 | 0.05 | 1.04 | 0.03 | 120.0 | 3.2 | 8 | 3.34 | 4.3 |
| J599103 | | 1.88 | <0.005 | 0.06 | 6.60 | 1.6 | 860 | 1.54 | 0.05 | 1.04 | 0.03 | 120.0 | 3.2 | 8 | 3.28 | 4.0 |
| J599104 | | 1.87 | <0.005 | 0.05 | 6.60 | 4.1 | 880 | 1.52 | 0.04 | 1.05 | 0.04 | 122.5 | 3.0 | 10 | 2.95 | 5.2 |
| J599105 | | 1.76 | <0.005 | 0.06 | 6.85 | 2.3 | 910 | 1.49 | 0.05 | 1.10 | 0.04 | 129.5 | 3.1 | 9 | 3.22 | 3.5 |
| J599106 | | 1.80 | 0.007 | 0.08 | 6.89 | 2.9 | 870 | 1.56 | 0.05 | 1.12 | 0.04 | 122.5 | 3.0 | 10 | 3.12 | 4.2 |
| J599107 | | 1.70 | <0.005 | 0.07 | 6.72 | 1.5 | 890 | 1.67 | 0.04 | 1.07 | 0.04 | 121.0 | 3.1 | 9 | 3.39 | 3.3 |
| J599108 | | 1.78 | <0.005 | 0.06 | 6.86 | 5.6 | 910 | 1.55 | 0.07 | 1.08 | 0.04 | 124.5 | 3.0 | 8 | 3.20 | 3.0 |
| J599109 | | 1.78 | <0.005 | 0.04 | 6.80 | 1.4 | 930 | 1.53 | 0.04 | 1.08 | 0.03 | 121.5 | 3.3 | 9 | 3.15 | 5.0 |
| J599110 | | 1.65 | <0.005 | 0.04 | 6.43 | 9.0 | 870 | 1.50 | 0.04 | 1.17 | 0.02 | 116.5 | 3.3 | 8 | 2.61 | 4.8 |
| J599111 | | 1.89 | <0.005 | 0.04 | 6.83 | 8.7 | 1000 | 1.62 | 0.03 | 0.98 | 0.02 | 130.0 | 4.3 | 9 | 2.62 | 12.8 |
| J599112 | | 1.78 | <0.005 | 0.02 | 6.98 | 9.0 | 890 | 1.49 | 0.04 | 1.23 | 0.03 | 128.5 | 3.1 | 7 | 2.68 | 2.1 |
| J599113 | | 1.81 | <0.005 | 0.03 | 6.60 | 8.6 | 880 | 1.41 | 0.04 | 1.05 | 0.02 | 120.0 | 3.1 | 8 | 2.56 | 2.9 |
| J599114 | | 1.63 | <0.005 | 0.03 | 6.52 | 5.7 | 880 | 1.59 | 0.04 | 1.05 | 0.04 | 118.5 | 2.6 | 8 | 2.89 | 2.3 |
| J599115 | | 1.67 | <0.005 | 0.06 | 6.53 | 5.4 | 880 | 1.53 | 0.04 | 1.03 | 0.03 | 124.0 | 2.9 | 8 | 2.85 | 2.3 |
| J599116 | | 1.71 | <0.005 | 0.04 | 6.58 | 6.2 | 900 | 1.55 | 0.04 | 1.03 | 0.03 | 125.5 | 2.8 | 8 | 2.82 | 1.8 |
| J599117 | | 1.74 | <0.005 | 0.05 | 6.57 | 4.7 | 900 | 1.58 | 0.05 | 1.03 | 0.05 | 124.0 | 2.8 | 8 | 3.01 | 3.3 |
| J599118 | | 1.53 | <0.005 | 0.04 | 6.63 | 8.4 | 920 | 1.62 | 0.05 | 1.04 | 0.04 | 130.0 | 2.9 | 8 | 2.76 | 2.7 |
| J599119 | | 1.60 | <0.005 | 0.05 | 6.61 | 8.0 | 910 | 1.66 | 0.04 | 0.97 | 0.03 | 124.5 | 4.3 | 7 | 2.26 | 7.1 |

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

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**TORONTO ON M5H 3W4**


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599080 | | 2.49 | 17.00 | 0.17 | 6.7 | 0.031 | 2.60 | 50.0 | 22.5 | 0.22 | 396 | 1.03 | 3.08 | 12.0 | 2.3 | 300 |
| J599081 | | 2.96 | 18.45 | 0.19 | 7.1 | 0.035 | 1.70 | 44.1 | 29.5 | 0.27 | 488 | 1.27 | 3.39 | 12.6 | 2.7 | 320 |
| J599082 | | 2.33 | 17.00 | 0.13 | 7.4 | 0.026 | 2.87 | 55.0 | 26.5 | 0.25 | 385 | 3.80 | 2.89 | 11.8 | 2.5 | 310 |
| J599083 | | 2.17 | 17.55 | 0.21 | 7.3 | 0.030 | 3.11 | 55.2 | 27.8 | 0.25 | 380 | 1.41 | 2.84 | 12.2 | 2.9 | 300 |
| J599084 | | 2.16 | 17.95 | 0.16 | 7.2 | 0.024 | 3.06 | 60.0 | 30.0 | 0.25 | 370 | 1.29 | 2.82 | 12.3 | 2.9 | 330 |
| J599085 | | 1.97 | 17.25 | 0.14 | 7.4 | 0.034 | 3.09 | 56.7 | 26.4 | 0.25 | 383 | 1.35 | 2.88 | 11.5 | 2.7 | 310 |
| J599086 | | 2.06 | 18.40 | 0.16 | 6.8 | 0.040 | 3.03 | 60.8 | 28.0 | 0.26 | 380 | 1.71 | 2.80 | 12.4 | 2.7 | 320 |
| J599087 | | 2.08 | 17.60 | 0.21 | 6.9 | 0.041 | 2.96 | 59.0 | 25.1 | 0.26 | 388 | 1.58 | 2.95 | 12.1 | 2.4 | 330 |
| J599088 | | 2.08 | 17.95 | 0.18 | 7.0 | 0.035 | 3.05 | 57.3 | 25.7 | 0.25 | 371 | 1.78 | 2.87 | 12.4 | 2.7 | 320 |
| J599089 | | 2.18 | 18.45 | 0.17 | 7.7 | 0.029 | 2.98 | 57.3 | 25.0 | 0.25 | 376 | 1.81 | 3.06 | 12.5 | 2.4 | 320 |
| J599090 | | 2.22 | 18.05 | 0.17 | 7.7 | 0.041 | 3.01 | 60.6 | 23.1 | 0.25 | 386 | 1.96 | 2.88 | 12.9 | 3.5 | 320 |
| J599091 | | 1.96 | 17.95 | 0.19 | 6.9 | 0.041 | 2.98 | 56.6 | 24.4 | 0.25 | 381 | 1.62 | 2.97 | 12.1 | 2.8 | 330 |
| J599092 | | 2.07 | 17.65 | 0.16 | 7.4 | 0.035 | 2.86 | 58.1 | 26.0 | 0.27 | 420 | 1.51 | 3.01 | 12.4 | 2.6 | 320 |
| J599093 | | 2.11 | 17.35 | 0.20 | 6.5 | 0.035 | 2.80 | 55.5 | 25.1 | 0.28 | 424 | 2.27 | 2.92 | 12.1 | 3.1 | 340 |
| J599094 | | 1.95 | 17.35 | 0.14 | 7.4 | 0.037 | 2.68 | 58.3 | 20.7 | 0.24 | 364 | 1.78 | 3.06 | 12.2 | 2.5 | 320 |
| J599095 | | 2.00 | 16.75 | 0.17 | 7.0 | 0.035 | 3.06 | 54.5 | 20.5 | 0.23 | 347 | 1.37 | 2.79 | 11.3 | 2.7 | 300 |
| J599096 | | 2.22 | 17.60 | 0.20 | 6.9 | 0.049 | 3.02 | 57.4 | 27.5 | 0.27 | 452 | 1.31 | 2.90 | 12.2 | 2.5 | 330 |
| J599097 | | 2.24 | 17.55 | 0.20 | 6.7 | 0.030 | 3.18 | 60.2 | 22.5 | 0.26 | 369 | 1.51 | 2.89 | 12.0 | 2.9 | 340 |
| J599098 | | 2.21 | 18.90 | 0.20 | 7.8 | 0.035 | 3.30 | 61.2 | 20.2 | 0.26 | 358 | 1.51 | 2.86 | 13.8 | 3.3 | 320 |
| J599099 | | 2.13 | 18.35 | 0.18 | 7.3 | 0.040 | 3.07 | 58.0 | 19.2 | 0.25 | 352 | 1.56 | 2.88 | 12.7 | 2.9 | 320 |
| J599100 | | 1.45 | 13.35 | 0.08 | 1.1 | 0.016 | 2.14 | 16.8 | 10.7 | 0.19 | 549 | 0.88 | 2.63 | 4.5 | 2.2 | 180 |
| J599101 | | 2.01 | 17.50 | 0.16 | 5.9 | 0.036 | 2.88 | 59.1 | 20.0 | 0.26 | 369 | 1.65 | 2.88 | 13.1 | 3.2 | 310 |
| J599102 | | 1.83 | 17.85 | 0.16 | 6.4 | 0.038 | 2.95 | 55.9 | 18.3 | 0.25 | 343 | 1.47 | 2.91 | 14.4 | 2.8 | 300 |
| J599103 | | 1.96 | 17.30 | 0.16 | 5.9 | 0.040 | 2.82 | 56.9 | 18.6 | 0.25 | 375 | 1.53 | 2.83 | 14.0 | 64.9 | 310 |
| J599104 | | 1.89 | 17.30 | 0.17 | 6.7 | 0.037 | 2.85 | 58.1 | 18.6 | 0.25 | 371 | 1.58 | 2.88 | 13.9 | 3.3 | 310 |
| J599105 | | 1.97 | 17.60 | 0.16 | 6.6 | 0.040 | 2.91 | 61.4 | 19.3 | 0.26 | 394 | 1.74 | 2.93 | 13.5 | 3.2 | 320 |
| J599106 | | 1.97 | 17.65 | 0.16 | 6.4 | 0.036 | 2.85 | 57.8 | 17.9 | 0.26 | 396 | 1.54 | 2.92 | 13.8 | 2.9 | 310 |
| J599107 | | 1.98 | 17.50 | 0.16 | 6.5 | 0.040 | 2.79 | 57.4 | 17.0 | 0.27 | 399 | 1.72 | 2.87 | 14.3 | 4.1 | 310 |
| J599108 | | 1.94 | 17.40 | 0.16 | 6.0 | 0.037 | 2.88 | 58.8 | 15.0 | 0.26 | 385 | 1.56 | 2.87 | 13.7 | 3.0 | 310 |
| J599109 | | 2.01 | 17.45 | 0.17 | 6.6 | 0.037 | 2.88 | 58.7 | 16.2 | 0.27 | 397 | 1.81 | 2.86 | 13.6 | 4.0 | 320 |
| J599110 | | 2.05 | 16.05 | 0.16 | 6.6 | 0.030 | 2.76 | 55.1 | 15.8 | 0.25 | 382 | 1.31 | 2.78 | 13.1 | 2.8 | 300 |
| J599111 | | 2.21 | 17.80 | 0.17 | 6.2 | 0.040 | 3.00 | 62.1 | 18.0 | 0.26 | 340 | 1.25 | 2.70 | 14.1 | 3.5 | 300 |
| J599112 | | 2.07 | 17.80 | 0.19 | 6.7 | 0.036 | 2.94 | 60.4 | 18.2 | 0.26 | 384 | 1.55 | 2.92 | 13.7 | 3.1 | 320 |
| J599113 | | 1.92 | 16.55 | 0.18 | 6.0 | 0.031 | 2.88 | 57.2 | 15.3 | 0.24 | 329 | 1.70 | 2.78 | 12.6 | 3.1 | 300 |
| J599114 | | 1.92 | 16.60 | 0.17 | 6.0 | 0.032 | 2.79 | 56.8 | 15.2 | 0.25 | 339 | 1.55 | 2.75 | 13.5 | 2.9 | 310 |
| J599115 | | 1.91 | 17.20 | 0.18 | 6.3 | 0.035 | 2.84 | 59.1 | 15.2 | 0.25 | 337 | 1.65 | 2.77 | 13.6 | 3.6 | 300 |
| J599116 | | 1.92 | 17.25 | 0.17 | 6.3 | 0.033 | 2.91 | 59.7 | 14.3 | 0.25 | 330 | 1.82 | 2.87 | 13.2 | 2.9 | 300 |
| J599117 | | 1.93 | 17.35 | 0.17 | 6.5 | 0.036 | 2.89 | 59.0 | 13.9 | 0.26 | 360 | 1.98 | 2.84 | 13.5 | 3.0 | 300 |
| J599118 | | 2.07 | 17.30 | 0.16 | 6.6 | 0.032 | 2.93 | 62.0 | 13.8 | 0.26 | 339 | 1.51 | 2.76 | 14.0 | 3.4 | 310 |
| J599119 | | 2.24 | 17.05 | 0.18 | 6.0 | 0.022 | 2.68 | 59.7 | 13.2 | 0.25 | 323 | 1.91 | 2.92 | 13.6 | 3.2 | 300 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599080 | | 13.8 | 117.0 | 0.002 | 0.01 | 0.48 | 7.4 | 1 | 2.5 | 139.5 | 1.12 | 0.05 | 14.7 | 0.200 | 0.84 | 3.5 |
| J599081 | | 23.3 | 102.5 | 0.003 | 0.06 | 0.44 | 8.4 | 2 | 3.1 | 164.0 | 1.04 | 0.06 | 14.8 | 0.202 | 0.82 | 3.7 |
| J599082 | | 22.7 | 120.0 | 0.002 | 0.03 | 0.42 | 7.3 | 1 | 2.4 | 152.0 | 1.21 | <0.05 | 16.0 | 0.194 | 0.82 | 4.0 |
| J599083 | | 17.0 | 123.5 | 0.002 | 0.01 | 0.34 | 7.6 | 2 | 2.6 | 151.5 | 1.17 | <0.05 | 16.1 | 0.198 | 0.88 | 4.2 |
| J599084 | | 15.1 | 126.0 | <0.002 | <0.01 | 0.31 | 7.7 | 1 | 2.8 | 157.0 | 1.06 | <0.05 | 15.5 | 0.201 | 0.91 | 3.9 |
| J599085 | | 17.2 | 116.0 | <0.002 | 0.02 | 0.35 | 7.5 | 1 | 2.2 | 147.0 | 1.09 | <0.05 | 14.6 | 0.200 | 0.73 | 3.6 |
| J599086 | | 16.0 | 114.0 | <0.002 | <0.01 | 0.24 | 8.1 | 1 | 2.4 | 155.0 | 1.07 | <0.05 | 15.8 | 0.204 | 0.77 | 3.7 |
| J599087 | | 15.8 | 113.0 | <0.002 | 0.02 | 0.43 | 7.8 | 1 | 2.4 | 150.5 | 1.04 | 0.06 | 15.5 | 0.213 | 0.72 | 3.8 |
| J599088 | | 14.4 | 120.0 | 0.002 | 0.01 | 0.43 | 7.9 | 1 | 2.4 | 154.5 | 1.07 | <0.05 | 16.2 | 0.205 | 0.72 | 3.8 |
| J599089 | | 15.9 | 112.5 | 0.002 | 0.06 | 0.55 | 7.7 | 1 | 2.4 | 147.5 | 1.27 | <0.05 | 17.0 | 0.202 | 0.70 | 4.2 |
| J599090 | | 14.7 | 107.5 | <0.002 | 0.24 | 0.61 | 8.1 | 1 | 2.4 | 137.0 | 1.17 | <0.05 | 17.0 | 0.208 | 0.63 | 4.5 |
| J599091 | | 15.8 | 113.0 | <0.002 | 0.02 | 0.58 | 7.5 | 1 | 2.2 | 153.5 | 1.04 | 0.05 | 14.9 | 0.202 | 0.62 | 3.7 |
| J599092 | | 15.2 | 109.0 | <0.002 | 0.03 | 0.61 | 7.9 | 1 | 2.3 | 143.5 | 1.20 | <0.05 | 15.4 | 0.203 | 0.65 | 4.0 |
| J599093 | | 11.8 | 106.5 | 0.003 | 0.05 | 0.69 | 8.3 | 2 | 2.1 | 131.5 | 1.09 | <0.05 | 14.6 | 0.210 | 0.67 | 3.5 |
| J599094 | | 9.8 | 96.4 | <0.002 | 0.07 | 0.64 | 7.5 | 2 | 2.5 | 134.5 | 1.09 | <0.05 | 15.4 | 0.197 | 0.57 | 3.8 |
| J599095 | | 23.6 | 109.5 | <0.002 | 0.06 | 0.55 | 7.1 | 1 | 2.4 | 138.0 | 0.99 | 0.05 | 13.7 | 0.196 | 0.64 | 3.4 |
| J599096 | | 12.7 | 127.0 | <0.002 | 0.01 | 0.49 | 8.6 | <1 | 2.8 | 126.0 | 1.08 | <0.05 | 15.2 | 0.212 | 0.72 | 3.4 |
| J599097 | | 10.1 | 126.5 | <0.002 | <0.01 | 0.45 | 7.9 | <1 | 2.1 | 162.0 | 0.98 | <0.05 | 13.8 | 0.219 | 0.75 | 3.2 |
| J599098 | | 17.0 | 137.0 | 0.002 | 0.01 | 0.61 | 7.9 | 1 | 2.4 | 159.5 | 1.30 | <0.05 | 17.1 | 0.206 | 0.84 | 4.1 |
| J599099 | | 12.1 | 129.0 | <0.002 | <0.01 | 0.49 | 7.6 | 1 | 2.6 | 154.5 | 1.17 | <0.05 | 15.9 | 0.200 | 0.77 | 4.0 |
| J599100 | | 11.3 | 62.7 | <0.002 | <0.01 | 0.21 | 5.4 | 1 | 1.6 | 176.5 | 0.45 | <0.05 | 6.7 | 0.109 | 0.39 | 2.5 |
| J599101 | | 12.8 | 132.0 | <0.002 | <0.01 | 0.45 | 7.5 | 1 | 2.6 | 141.0 | 1.06 | <0.05 | 16.3 | 0.198 | 0.74 | 4.0 |
| J599102 | | 15.6 | 139.5 | <0.002 | 0.01 | 0.29 | 7.3 | 1 | 2.4 | 141.5 | 1.31 | <0.05 | 19.3 | 0.194 | 0.74 | 5.0 |
| J599103 | | 17.5 | 135.5 | <0.002 | <0.01 | 0.23 | 7.2 | 1 | 2.5 | 137.0 | 1.19 | <0.05 | 18.1 | 0.194 | 0.72 | 4.6 |
| J599104 | | 13.9 | 130.0 | <0.002 | 0.03 | 0.42 | 7.3 | 1 | 2.3 | 133.0 | 1.18 | <0.05 | 17.2 | 0.196 | 0.66 | 4.3 |
| J599105 | | 16.4 | 129.5 | <0.002 | <0.01 | 0.32 | 7.5 | 1 | 2.2 | 145.0 | 1.11 | <0.05 | 17.6 | 0.200 | 0.68 | 4.4 |
| J599106 | | 14.9 | 126.5 | <0.002 | 0.01 | 0.29 | 7.4 | 1 | 2.2 | 140.5 | 1.15 | <0.05 | 16.8 | 0.205 | 0.68 | 4.2 |
| J599107 | | 16.4 | 130.0 | <0.002 | <0.01 | 0.22 | 7.5 | 1 | 2.2 | 142.0 | 1.23 | <0.05 | 18.0 | 0.202 | 0.66 | 4.7 |
| J599108 | | 16.2 | 129.5 | <0.002 | <0.01 | 0.31 | 7.3 | 1 | 2.1 | 139.0 | 1.14 | <0.05 | 17.2 | 0.199 | 0.66 | 4.3 |
| J599109 | | 15.9 | 130.0 | <0.002 | <0.01 | 0.19 | 7.5 | 1 | 2.4 | 143.0 | 1.13 | <0.05 | 16.5 | 0.203 | 0.67 | 4.4 |
| J599110 | | 9.9 | 125.0 | <0.002 | 0.01 | 0.56 | 7.1 | 1 | 2.3 | 125.5 | 1.15 | <0.05 | 16.2 | 0.192 | 0.62 | 4.3 |
| J599111 | | 11.5 | 138.5 | <0.002 | 0.06 | 0.57 | 7.7 | 1 | 2.7 | 126.0 | 1.19 | <0.05 | 18.8 | 0.196 | 0.64 | 4.8 |
| J599112 | | 9.3 | 132.0 | <0.002 | <0.01 | 0.72 | 7.5 | 1 | 2.2 | 139.0 | 1.15 | <0.05 | 17.0 | 0.202 | 0.65 | 4.3 |
| J599113 | | 10.2 | 123.5 | <0.002 | 0.01 | 0.66 | 7.0 | 1 | 2.1 | 134.5 | 1.05 | <0.05 | 15.7 | 0.194 | 0.59 | 3.8 |
| J599114 | | 11.6 | 130.5 | <0.002 | 0.01 | 0.57 | 7.0 | 1 | 1.9 | 138.5 | 1.22 | <0.05 | 16.2 | 0.194 | 0.56 | 4.1 |
| J599115 | | 14.2 | 129.5 | <0.002 | <0.01 | 0.56 | 7.3 | 1 | 1.9 | 137.0 | 1.18 | <0.05 | 19.1 | 0.193 | 0.64 | 4.8 |
| J599116 | | 13.0 | 129.0 | <0.002 | <0.01 | 0.56 | 7.1 | 1 | 1.8 | 144.0 | 1.12 | <0.05 | 16.8 | 0.193 | 0.61 | 4.2 |
| J599117 | | 16.3 | 128.5 | <0.002 | <0.01 | 0.53 | 7.2 | 1 | 1.9 | 139.0 | 1.17 | <0.05 | 17.4 | 0.197 | 0.63 | 4.3 |
| J599118 | | 13.1 | 133.0 | <0.002 | <0.01 | 0.63 | 7.3 | 1 | 1.9 | 148.5 | 1.21 | <0.05 | 17.8 | 0.198 | 0.64 | 4.5 |
| J599119 | | 10.7 | 128.0 | <0.002 | 0.03 | 0.66 | 7.2 | 1 | 1.8 | 128.5 | 1.15 | <0.05 | 17.2 | 0.190 | 0.61 | 4.3 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| Sample Description | Method / Analyte / Units / LOR | ME-MS61 V ppm 1 | ME-MS61 W ppm 0.1 | ME-MS61 Y ppm 0.1 | ME-MS61 Zn ppm 2 | ME-MS61 Zr ppm 0.5 |
|---|---|---|---|---|---|---|
| J599080 | | 13 | 1.4 | 28.9 | 36 | 197.0 |
| J599081 | | 15 | 2.4 | 35.7 | 48 | 216 |
| J599082 | | 15 | 2.0 | 27.6 | 42 | 222 |
| J599083 | | 15 | 2.5 | 28.1 | 34 | 228 |
| J599084 | | 16 | 1.9 | 28.3 | 29 | 228 |
| J599085 | | 15 | 1.0 | 25.9 | 37 | 225 |
| J599086 | | 16 | 0.8 | 27.3 | 34 | 220 |
| J599087 | | 16 | 2.7 | 27.0 | 35 | 225 |
| J599088 | | 15 | 2.0 | 28.2 | 33 | 229 |
| J599089 | | 16 | 3.0 | 28.1 | 36 | 228 |
| J599090 | | 16 | 2.0 | 28.1 | 35 | 228 |
| J599091 | | 16 | 1.4 | 25.8 | 40 | 211 |
| J599092 | | 16 | 1.5 | 26.9 | 41 | 224 |
| J599093 | | 17 | 2.2 | 25.4 | 32 | 199.5 |
| J599094 | | 15 | 1.6 | 24.4 | 22 | 224 |
| J599095 | | 15 | 2.2 | 22.7 | 37 | 220 |
| J599096 | | 17 | 2.6 | 23.6 | 28 | 204 |
| J599097 | | 16 | 1.5 | 26.7 | 28 | 223 |
| J599098 | | 15 | 1.4 | 30.1 | 35 | 233 |
| J599099 | | 15 | 1.2 | 28.8 | 33 | 223 |
| J599100 | | 14 | 1.0 | 18.2 | 42 | 23.3 |
| J599101 | | 15 | 2.3 | 26.5 | 36 | 210 |
| J599102 | | 16 | 1.1 | 29.0 | 41 | 216 |
| J599103 | | 15 | 1.3 | 28.4 | 47 | 209 |
| J599104 | | 15 | 2.0 | 27.8 | 40 | 245 |
| J599105 | | 16 | 0.9 | 27.9 | 46 | 232 |
| J599106 | | 15 | 1.1 | 27.4 | 46 | 233 |
| J599107 | | 16 | 1.0 | 28.9 | 51 | 236 |
| J599108 | | 16 | 0.9 | 27.4 | 48 | 210 |
| J599109 | | 16 | 1.0 | 27.6 | 47 | 235 |
| J599110 | | 15 | 1.0 | 27.2 | 26 | 233 |
| J599111 | | 16 | 2.3 | 25.8 | 26 | 221 |
| J599112 | | 16 | 1.5 | 25.2 | 26 | 236 |
| J599113 | | 15 | 1.6 | 24.3 | 28 | 214 |
| J599114 | | 16 | 1.1 | 26.1 | 30 | 211 |
| J599115 | | 16 | 1.3 | 28.0 | 34 | 220 |
| J599116 | | 16 | 1.1 | 26.1 | 34 | 224 |
| J599117 | | 15 | 1.3 | 27.4 | 43 | 227 |
| J599118 | | 16 | 1.3 | 28.2 | 32 | 230 |
| J599119 | | 15 | 1.1 | 26.7 | 26 | 212 |

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

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To: **RAINY RIVER RESOURCES LTD.**
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**SUITE 701**
**TORONTO ON M5H 3W4**


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599120 | | 1.80 | <0.005 | 0.23 | 6.64 | 16.5 | 880 | 1.65 | 0.04 | 1.18 | 0.02 | 109.0 | 3.3 | 10 | 1.93 | 14.5 |
| J599121 | | 1.67 | <0.005 | 0.09 | 6.83 | 9.7 | 1020 | 1.80 | 0.05 | 1.21 | 0.02 | 115.0 | 3.4 | 9 | 1.93 | 21.5 |
| J599122 | | 1.73 | 0.007 | 0.12 | 6.97 | 8.8 | 980 | 1.75 | 0.04 | 1.20 | 0.06 | 116.0 | 2.9 | 8 | 2.00 | 10.8 |
| J599123 | | 1.63 | <0.005 | 0.09 | 6.74 | 16.0 | 1200 | 1.91 | 0.04 | 1.05 | <0.02 | 115.5 | 2.6 | 9 | 2.33 | 4.3 |
| J599124 | | 0.95 | <0.005 | 0.18 | 6.89 | 7.8 | 1010 | 1.87 | 0.04 | 1.12 | 0.05 | 114.5 | 2.7 | 8 | 3.22 | 4.0 |
| J599125 | | 0.75 | <0.005 | 0.10 | 6.79 | 7.5 | 1020 | 1.80 | 0.04 | 1.14 | 0.06 | 109.5 | 2.6 | 11 | 3.14 | 4.5 |
| J599126 | | 1.93 | <0.005 | 0.07 | 6.55 | 7.2 | 960 | 1.86 | 0.04 | 1.09 | 0.03 | 129.5 | 2.7 | 9 | 3.03 | 4.2 |
| J599127 | | 1.86 | <0.005 | 0.02 | 7.27 | 10.3 | 980 | 1.84 | 0.06 | 1.28 | 0.05 | 114.5 | 2.8 | 9 | 2.79 | 2.8 |
| J599128 | | 1.71 | <0.005 | 0.12 | 7.24 | 9.5 | 1000 | 1.65 | 0.05 | 1.18 | 0.05 | 115.0 | 2.7 | 9 | 2.41 | 5.7 |
| J599129 | | 1.90 | 0.016 | 0.05 | 7.52 | 5.9 | 1020 | 1.83 | 0.05 | 1.20 | 0.04 | 117.5 | 3.3 | 9 | 3.12 | 4.4 |
| J599130 | | 1.80 | <0.005 | 0.01 | 7.65 | 6.6 | 1000 | 1.88 | 0.05 | 1.28 | 0.04 | 122.5 | 3.1 | 9 | 3.01 | 3.0 |
| J599131 | | 1.46 | <0.005 | 0.02 | 7.36 | 13.7 | 980 | 1.67 | 0.05 | 1.17 | 0.02 | 110.5 | 2.9 | 10 | 2.13 | 5.1 |
| J599132 | | 1.21 | 0.013 | 0.09 | 7.23 | 16.7 | 900 | 1.39 | 0.05 | 1.76 | <0.02 | 94.0 | 3.4 | 9 | 2.69 | 5.8 |
| J599133 | | 1.72 | 0.005 | 0.03 | 7.37 | 26.4 | 970 | 1.62 | 0.04 | 1.02 | <0.02 | 107.5 | 2.4 | 9 | 1.61 | 7.0 |
| J599134 | | 1.21 | 0.008 | <0.01 | 7.37 | 24.3 | 970 | 1.55 | 0.03 | 0.94 | <0.02 | 111.0 | 1.6 | 8 | 1.79 | 3.6 |
| J599135 | | 1.05 | 0.009 | 0.01 | 7.59 | 27.6 | 930 | 1.53 | 0.03 | 1.03 | <0.02 | 127.5 | 2.2 | 9 | 1.62 | 3.2 |
| J599136 | | 1.28 | <0.005 | 0.12 | 7.51 | 33.7 | 1170 | 1.68 | 0.12 | 1.23 | 0.07 | 115.0 | 2.7 | 8 | 1.35 | 18.2 |
| J599137 | | 1.38 | 0.049 | 0.14 | 6.69 | 66.4 | 920 | 1.59 | 0.45 | 1.00 | 0.03 | 101.5 | 5.6 | 9 | 1.24 | 15.0 |
| J599138 | | 0.66 | <0.005 | 0.03 | 7.69 | 9.4 | 820 | 2.08 | 0.03 | 1.37 | <0.02 | 112.0 | 4.9 | 10 | 3.37 | 1.4 |
| J599139 | | 1.56 | <0.005 | 0.10 | 7.52 | 19.4 | 950 | 1.91 | 0.05 | 1.16 | 0.06 | 110.0 | 2.9 | 8 | 2.28 | 3.7 |
| J599140 | | 2.12 | <0.005 | 0.04 | 7.46 | 10.6 | 950 | 1.89 | 0.07 | 1.22 | 0.03 | 107.5 | 3.2 | 8 | 2.81 | 2.3 |
| J599141 | | 2.03 | <0.005 | 0.03 | 7.57 | 7.0 | 990 | 1.77 | 0.06 | 1.13 | 0.02 | 119.0 | 3.0 | 10 | 2.58 | 2.2 |
| J599142 | | 1.94 | <0.005 | 0.06 | 7.60 | 14.5 | 970 | 1.99 | 0.09 | 1.24 | 0.06 | 115.0 | 4.0 | 10 | 2.47 | 2.7 |
| J599143 | | 1.93 | <0.005 | 0.02 | 7.43 | 17.6 | 980 | 1.84 | 0.10 | 1.19 | 0.04 | 112.5 | 3.5 | 10 | 2.74 | 3.2 |
| J599144 | | 1.96 | <0.005 | 0.03 | 7.26 | 17.9 | 910 | 1.72 | 0.08 | 1.27 | 0.04 | 106.5 | 3.7 | 10 | 2.43 | 6.5 |
| J599145 | | 2.18 | <0.005 | 0.03 | 7.44 | 10.6 | 950 | 1.88 | 0.08 | 1.21 | 0.02 | 103.5 | 3.4 | 9 | 2.96 | 1.9 |
| J599146 | | 1.88 | <0.005 | 0.01 | 7.45 | 10.7 | 930 | 1.82 | 0.04 | 1.21 | 0.02 | 108.5 | 4.2 | 9 | 2.56 | 2.6 |
| J599147 | | 1.85 | <0.005 | 0.02 | 7.17 | 9.1 | 1130 | 1.64 | 0.05 | 1.02 | 0.03 | 115.0 | 7.1 | 9 | 2.35 | 4.4 |
| J599148 | | 1.80 | <0.005 | 0.04 | 7.40 | 14.4 | 1070 | 1.93 | 0.04 | 1.06 | 0.03 | 112.0 | 8.3 | 10 | 2.56 | 4.5 |
| J599149 | | 1.81 | <0.005 | 0.05 | 7.19 | 20.1 | 1030 | 2.08 | 0.04 | 0.98 | <0.02 | 109.0 | 10.1 | 10 | 2.28 | 7.2 |
| J599150 | | 0.03 | 1.275 | 0.85 | 8.98 | 2.4 | 100 | 2.32 | 0.79 | 0.98 | 0.13 | 17.60 | 8.9 | 30 | 21.2 | 12.0 |
| J599151 | | 2.01 | 0.010 | 0.04 | 7.24 | 20.9 | 1230 | 2.11 | 0.04 | 1.00 | 0.03 | 114.5 | 10.1 | 11 | 2.50 | 4.6 |
| J599152 | | 1.25 | 0.152 | 0.22 | 7.00 | 25.7 | 1220 | 1.95 | 0.09 | 0.94 | 0.02 | 106.0 | 7.1 | 11 | 2.10 | 13.3 |
| J599153 | | 1.29 | 0.137 | 0.18 | 7.08 | 71.9 | 1140 | 1.94 | 0.19 | 1.01 | 0.03 | 113.0 | 8.1 | 8 | 1.96 | 57.2 |
| J599154 | | 1.15 | <0.005 | 0.05 | 7.40 | 25.8 | 1070 | 2.15 | 0.04 | 1.12 | 0.02 | 116.0 | 4.1 | 9 | 2.92 | 3.2 |
| J599155 | | 1.79 | <0.005 | 0.05 | 7.25 | 32.0 | 960 | 2.03 | 0.05 | 1.05 | 0.03 | 111.0 | 4.3 | 9 | 2.75 | 5.1 |
| J599156 | | 1.69 | <0.005 | 0.09 | 6.93 | 20.7 | 950 | 1.79 | 0.06 | 1.02 | 0.02 | 119.0 | 4.3 | 8 | 2.50 | 2.3 |
| J599157 | | 1.75 | 0.005 | 0.09 | 6.84 | 21.8 | 920 | 1.53 | 0.05 | 1.06 | 0.02 | 122.5 | 4.3 | 9 | 2.43 | 3.9 |
| J599158 | | 1.90 | <0.005 | 0.04 | 7.02 | 21.1 | 930 | 1.71 | 0.05 | 1.08 | 0.02 | 118.5 | 4.3 | 8 | 2.51 | 3.3 |
| J599159 | | 1.82 | <0.005 | 0.06 | 6.89 | 27.0 | 960 | 1.46 | 0.05 | 1.08 | 0.02 | 113.5 | 4.2 | 12 | 2.40 | 2.7 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599120 | | 2.04 | 16.60 | 0.21 | 6.8 | 0.021 | 2.88 | 55.7 | 12.1 | 0.26 | 377 | 2.03 | 3.01 | 12.3 | 3.2 | 330 |
| J599121 | | 2.13 | 17.00 | 0.20 | 7.1 | 0.033 | 3.25 | 61.9 | 11.9 | 0.27 | 372 | 2.37 | 2.75 | 12.6 | 3.1 | 350 |
| J599122 | | 2.17 | 16.80 | 0.22 | 6.6 | 0.029 | 3.29 | 57.9 | 11.2 | 0.27 | 404 | 2.19 | 2.85 | 12.7 | 2.9 | 330 |
| J599123 | | 2.25 | 16.90 | 0.20 | 6.0 | 0.026 | 3.48 | 58.7 | 11.5 | 0.28 | 363 | 2.71 | 2.81 | 12.0 | 2.6 | 330 |
| J599124 | | 2.17 | 16.80 | 0.20 | 7.0 | 0.031 | 3.38 | 58.3 | 11.6 | 0.27 | 396 | 2.38 | 3.01 | 13.4 | 3.8 | 330 |
| J599125 | | 2.09 | 16.95 | 0.23 | 7.2 | 0.026 | 3.30 | 59.4 | 11.5 | 0.27 | 390 | 2.04 | 2.91 | 13.2 | 2.8 | 330 |
| J599126 | | 1.99 | 17.50 | 0.22 | 6.8 | 0.028 | 3.15 | 60.8 | 11.3 | 0.25 | 362 | 1.91 | 2.92 | 13.0 | 3.0 | 310 |
| J599127 | | 1.98 | 18.20 | 0.24 | 7.1 | 0.041 | 3.15 | 55.8 | 11.7 | 0.26 | 376 | 1.84 | 3.06 | 14.0 | 2.9 | 340 |
| J599128 | | 1.94 | 17.05 | 0.25 | 6.8 | 0.039 | 3.20 | 57.0 | 11.1 | 0.26 | 361 | 1.57 | 3.03 | 12.8 | 2.4 | 330 |
| J599129 | | 2.09 | 18.40 | 0.26 | 6.8 | 0.045 | 3.20 | 57.4 | 12.4 | 0.28 | 393 | 1.81 | 3.08 | 13.7 | 3.0 | 350 |
| J599130 | | 2.05 | 18.40 | 0.25 | 7.0 | 0.049 | 3.24 | 60.4 | 12.3 | 0.28 | 412 | 1.84 | 3.20 | 13.6 | 2.7 | 350 |
| J599131 | | 2.01 | 17.95 | 0.27 | 6.5 | 0.034 | 3.14 | 54.1 | 12.4 | 0.29 | 384 | 1.66 | 3.06 | 13.1 | 2.7 | 330 |
| J599132 | | 2.46 | 17.10 | 0.23 | 6.7 | 0.027 | 2.84 | 45.9 | 20.7 | 0.40 | 505 | 1.92 | 2.89 | 12.4 | 3.4 | 360 |
| J599133 | | 1.91 | 18.05 | 0.25 | 6.6 | 0.023 | 3.11 | 52.6 | 12.1 | 0.27 | 348 | 1.58 | 3.16 | 13.6 | 2.8 | 340 |
| J599134 | | 1.78 | 17.35 | 0.24 | 6.9 | 0.023 | 3.23 | 55.8 | 12.1 | 0.26 | 278 | 1.65 | 3.26 | 13.4 | 2.6 | 340 |
| J599135 | | 1.85 | 17.70 | 0.26 | 7.3 | 0.020 | 3.09 | 62.6 | 11.5 | 0.26 | 320 | 1.72 | 3.54 | 13.9 | 2.9 | 360 |
| J599136 | | 2.07 | 17.75 | 0.27 | 7.1 | 0.034 | 3.02 | 56.6 | 8.6 | 0.28 | 383 | 2.11 | 3.23 | 13.5 | 3.1 | 360 |
| J599137 | | 2.16 | 16.20 | 0.23 | 6.1 | 0.029 | 2.72 | 50.1 | 8.0 | 0.26 | 291 | 1.81 | 2.65 | 12.3 | 4.8 | 310 |
| J599138 | | 2.51 | 18.20 | 0.29 | 9.1 | 0.040 | 3.00 | 54.0 | 14.2 | 0.38 | 345 | 1.15 | 3.32 | 15.2 | 4.9 | 450 |
| J599139 | | 1.94 | 17.90 | 0.27 | 6.9 | 0.033 | 3.41 | 53.5 | 11.8 | 0.27 | 299 | 1.76 | 3.00 | 13.5 | 2.9 | 340 |
| J599140 | | 2.11 | 18.05 | 0.25 | 6.6 | 0.040 | 3.31 | 52.2 | 12.2 | 0.27 | 336 | 1.56 | 3.09 | 13.4 | 3.2 | 340 |
| J599141 | | 2.02 | 17.90 | 0.26 | 6.4 | 0.043 | 3.43 | 58.6 | 12.3 | 0.28 | 301 | 1.35 | 3.10 | 13.1 | 3.0 | 330 |
| J599142 | | 2.17 | 18.25 | 0.25 | 7.2 | 0.039 | 3.27 | 56.3 | 12.9 | 0.29 | 329 | 1.57 | 3.12 | 14.1 | 3.4 | 350 |
| J599143 | | 2.02 | 17.80 | 0.25 | 6.9 | 0.042 | 3.01 | 56.1 | 12.1 | 0.27 | 315 | 1.54 | 3.04 | 13.4 | 3.0 | 340 |
| J599144 | | 1.96 | 17.80 | 0.26 | 6.6 | 0.039 | 3.18 | 51.6 | 11.3 | 0.25 | 345 | 1.59 | 3.02 | 13.3 | 3.3 | 320 |
| J599145 | | 1.99 | 17.50 | 0.24 | 6.4 | 0.041 | 3.22 | 50.6 | 12.5 | 0.28 | 321 | 1.40 | 3.08 | 13.6 | 2.9 | 340 |
| J599146 | | 2.15 | 17.75 | 0.26 | 6.7 | 0.029 | 3.24 | 53.3 | 12.8 | 0.27 | 327 | 1.59 | 3.03 | 13.4 | 3.3 | 350 |
| J599147 | | 2.41 | 17.05 | 0.26 | 6.4 | 0.017 | 3.43 | 56.9 | 11.6 | 0.26 | 369 | 1.35 | 2.73 | 12.9 | 2.9 | 330 |
| J599148 | | 2.49 | 17.30 | 0.29 | 7.0 | 0.017 | 3.46 | 55.0 | 12.9 | 0.27 | 386 | 1.03 | 2.89 | 13.5 | 3.3 | 350 |
| J599149 | | 2.18 | 16.60 | 0.26 | 6.6 | 0.015 | 3.54 | 53.6 | 13.0 | 0.24 | 321 | 1.18 | 2.77 | 13.5 | 2.9 | 300 |
| J599150 | | 4.13 | 19.85 | 0.19 | 1.4 | 0.012 | 2.69 | 8.4 | 5.1 | 0.92 | 250 | 1.08 | 5.08 | 8.8 | 29.1 | 710 |
| J599151 | | 2.72 | 17.40 | 0.26 | 6.9 | 0.018 | 3.41 | 55.2 | 12.9 | 0.27 | 385 | 1.01 | 2.77 | 13.6 | 3.5 | 340 |
| J599152 | | 2.57 | 17.50 | 0.24 | 6.4 | 0.021 | 3.37 | 52.0 | 11.3 | 0.26 | 385 | 0.91 | 2.65 | 13.3 | 2.6 | 320 |
| J599153 | | 2.93 | 17.70 | 0.27 | 6.9 | 0.024 | 3.29 | 55.7 | 11.5 | 0.26 | 365 | 1.01 | 2.79 | 13.1 | 4.5 | 350 |
| J599154 | | 2.08 | 17.50 | 0.26 | 7.1 | 0.023 | 3.50 | 56.1 | 13.4 | 0.27 | 329 | 1.24 | 2.85 | 13.2 | 2.7 | 350 |
| J599155 | | 2.11 | 17.35 | 0.28 | 6.7 | 0.021 | 3.39 | 54.3 | 13.0 | 0.25 | 320 | 1.17 | 2.86 | 13.7 | 3.1 | 320 |
| J599156 | | 2.24 | 17.85 | 0.22 | 7.0 | 0.014 | 3.34 | 60.8 | 15.4 | 0.26 | 295 | 1.18 | 2.93 | 14.2 | 3.4 | 340 |
| J599157 | | 2.22 | 17.25 | 0.25 | 6.2 | 0.014 | 3.23 | 57.3 | 13.9 | 0.25 | 315 | 1.05 | 2.89 | 13.5 | 3.6 | 310 |
| J599158 | | 2.34 | 17.70 | 0.27 | 6.3 | 0.013 | 3.20 | 61.9 | 16.0 | 0.27 | 330 | 1.10 | 2.96 | 13.3 | 3.4 | 330 |
| J599159 | | 2.26 | 17.70 | 0.28 | 6.5 | 0.015 | 3.30 | 55.2 | 15.0 | 0.25 | 322 | 1.08 | 2.84 | 12.8 | 3.6 | 330 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599120 | | 10.5 | 104.5 | <0.002 | 0.08 | 0.71 | 6.6 | <1 | 1.9 | 123.0 | 1.03 | <0.05 | 15.1 | 0.215 | 0.55 | 3.8 |
| J599121 | | 8.2 | 115.0 | 0.002 | 0.13 | 0.70 | 7.0 | <1 | 2.4 | 113.0 | 1.05 | <0.05 | 15.1 | 0.216 | 0.59 | 3.7 |
| J599122 | | 10.1 | 117.5 | 0.003 | 0.06 | 0.69 | 6.8 | <1 | 2.2 | 124.5 | 1.08 | <0.05 | 15.8 | 0.217 | 0.62 | 3.8 |
| J599123 | | 11.4 | 126.0 | 0.002 | <0.01 | 0.65 | 6.9 | <1 | 2.4 | 141.0 | 0.97 | <0.05 | 15.4 | 0.211 | 0.66 | 3.6 |
| J599124 | | 15.4 | 135.0 | <0.002 | 0.01 | 0.60 | 6.8 | 1 | 2.2 | 128.0 | 1.18 | <0.05 | 16.7 | 0.215 | 0.66 | 4.2 |
| J599125 | | 16.3 | 135.5 | 0.002 | 0.01 | 0.56 | 6.5 | <1 | 2.0 | 130.0 | 1.19 | <0.05 | 16.2 | 0.215 | 0.68 | 4.2 |
| J599126 | | 14.9 | 127.5 | 0.002 | 0.01 | 0.67 | 6.7 | 1 | 2.4 | 132.5 | 1.15 | <0.05 | 17.7 | 0.205 | 0.70 | 4.4 |
| J599127 | | 13.0 | 132.0 | 0.002 | <0.01 | 0.84 | 7.7 | 2 | 2.2 | 138.0 | 1.28 | <0.05 | 18.3 | 0.201 | 0.59 | 4.6 |
| J599128 | | 9.9 | 118.5 | <0.002 | 0.02 | 0.68 | 7.1 | 1 | 2.2 | 135.0 | 1.19 | <0.05 | 17.4 | 0.208 | 0.54 | 4.3 |
| J599129 | | 16.8 | 129.0 | <0.002 | 0.02 | 0.59 | 7.6 | 2 | 2.2 | 145.5 | 1.21 | <0.05 | 17.5 | 0.215 | 0.60 | 4.2 |
| J599130 | | 16.5 | 128.5 | 0.002 | <0.01 | 0.60 | 7.9 | 2 | 2.3 | 148.0 | 1.19 | <0.05 | 18.0 | 0.221 | 0.57 | 4.1 |
| J599131 | | 8.6 | 104.0 | 0.002 | 0.03 | 0.62 | 7.3 | 2 | 2.1 | 131.0 | 1.14 | <0.05 | 16.7 | 0.208 | 0.41 | 3.9 |
| J599132 | | 4.4 | 80.7 | 0.002 | 0.22 | 0.46 | 7.2 | 2 | 3.1 | 81.9 | 1.05 | <0.05 | 16.2 | 0.194 | 0.25 | 3.4 |
| J599133 | | 4.5 | 89.6 | <0.002 | 0.06 | 0.59 | 7.2 | 1 | 1.9 | 122.5 | 1.23 | <0.05 | 17.5 | 0.209 | 0.33 | 4.3 |
| J599134 | | 5.2 | 101.5 | 0.002 | 0.02 | 0.56 | 7.3 | 1 | 1.7 | 124.5 | 1.24 | <0.05 | 17.8 | 0.212 | 0.40 | 4.3 |
| J599135 | | 4.4 | 94.6 | 0.002 | 0.02 | 0.60 | 7.5 | 2 | 1.5 | 140.0 | 1.23 | <0.05 | 17.7 | 0.222 | 0.36 | 4.3 |
| J599136 | | 7.1 | 94.0 | 0.002 | 0.20 | 0.91 | 7.6 | 2 | 2.1 | 146.5 | 1.20 | <0.05 | 18.1 | 0.214 | 0.38 | 4.3 |
| J599137 | | 8.2 | 86.7 | 0.002 | 0.37 | 0.64 | 6.6 | 1 | 2.6 | 124.0 | 1.06 | <0.05 | 15.5 | 0.184 | 0.33 | 3.7 |
| J599138 | | 8.7 | 126.5 | 0.002 | 0.01 | 0.72 | 7.4 | 2 | 3.0 | 167.0 | 1.24 | <0.05 | 17.5 | 0.286 | 0.62 | 4.8 |
| J599139 | | 9.8 | 128.0 | 0.002 | 0.02 | 0.77 | 7.0 | 1 | 2.6 | 139.5 | 1.30 | <0.05 | 18.7 | 0.211 | 0.53 | 4.8 |
| J599140 | | 15.0 | 127.0 | 0.002 | <0.01 | 0.77 | 7.1 | 2 | 2.5 | 139.0 | 1.23 | <0.05 | 17.5 | 0.212 | 0.64 | 4.4 |
| J599141 | | 12.3 | 127.5 | <0.002 | <0.01 | 0.74 | 7.0 | 2 | 2.4 | 138.0 | 1.18 | <0.05 | 18.4 | 0.214 | 0.56 | 4.4 |
| J599142 | | 12.4 | 129.0 | 0.002 | <0.01 | 1.00 | 7.4 | 2 | 2.7 | 149.0 | 1.28 | <0.05 | 18.0 | 0.220 | 0.56 | 4.5 |
| J599143 | | 14.4 | 125.0 | 0.002 | 0.01 | 0.97 | 7.1 | 2 | 2.8 | 144.0 | 1.25 | <0.05 | 19.1 | 0.199 | 0.60 | 4.4 |
| J599144 | | 13.7 | 122.5 | 0.002 | 0.02 | 0.93 | 6.9 | 1 | 2.5 | 131.0 | 1.26 | <0.05 | 18.7 | 0.199 | 0.56 | 4.7 |
| J599145 | | 13.5 | 127.0 | <0.002 | <0.01 | 1.07 | 7.1 | 2 | 2.5 | 146.5 | 1.26 | <0.05 | 17.6 | 0.215 | 0.62 | 4.1 |
| J599146 | | 11.0 | 128.0 | <0.002 | 0.01 | 0.99 | 7.3 | 2 | 2.4 | 138.0 | 1.15 | <0.05 | 17.2 | 0.214 | 0.60 | 4.2 |
| J599147 | | 13.2 | 137.0 | 0.002 | 0.07 | 1.07 | 6.7 | 2 | 2.4 | 123.5 | 1.14 | <0.05 | 18.5 | 0.206 | 0.68 | 4.4 |
| J599148 | | 15.5 | 140.5 | 0.002 | 0.03 | 1.14 | 7.0 | 1 | 3.1 | 132.0 | 1.30 | <0.05 | 19.0 | 0.212 | 0.72 | 5.0 |
| J599149 | | 13.1 | 136.5 | 0.002 | 0.01 | 1.14 | 6.4 | 1 | 4.0 | 124.0 | 1.38 | <0.05 | 20.2 | 0.189 | 0.68 | 5.1 |
| J599150 | | 87.3 | 610 | <0.002 | 3.31 | 1.40 | 3.0 | 1 | 1.1 | 174.0 | 0.77 | <0.05 | 3.1 | 0.223 | 5.98 | 1.3 |
| J599151 | | 14.3 | 137.0 | 0.002 | 0.10 | 1.12 | 7.1 | 1 | 3.0 | 139.0 | 1.25 | <0.05 | 19.3 | 0.208 | 0.72 | 4.8 |
| J599152 | | 14.8 | 128.0 | <0.002 | 0.35 | 1.22 | 6.7 | 1 | 3.6 | 104.5 | 1.21 | <0.05 | 16.4 | 0.202 | 0.70 | 4.3 |
| J599153 | | 14.7 | 125.0 | 0.002 | 0.78 | 1.05 | 7.2 | 2 | 2.8 | 117.0 | 1.16 | <0.05 | 18.1 | 0.210 | 0.60 | 4.5 |
| J599154 | | 14.3 | 141.5 | 0.002 | 0.02 | 0.84 | 7.1 | 2 | 2.3 | 165.5 | 1.22 | <0.05 | 18.4 | 0.209 | 0.70 | 4.3 |
| J599155 | | 16.1 | 136.0 | 0.002 | 0.03 | 1.16 | 6.9 | 1 | 2.3 | 140.0 | 1.31 | <0.05 | 19.0 | 0.201 | 0.66 | 4.8 |
| J599156 | | 15.2 | 161.5 | 0.002 | 0.01 | 1.22 | 7.8 | 1 | 2.6 | 146.0 | 1.29 | <0.05 | 19.7 | 0.206 | 0.72 | 4.6 |
| J599157 | | 13.2 | 153.5 | <0.002 | 0.05 | 0.90 | 7.7 | 1 | 2.6 | 136.5 | 1.25 | <0.05 | 18.9 | 0.198 | 0.67 | 4.3 |
| J599158 | | 14.9 | 154.5 | 0.002 | 0.02 | 0.73 | 7.9 | 1 | 3.0 | 154.5 | 1.13 | <0.05 | 19.0 | 0.206 | 0.73 | 4.4 |
| J599159 | | 13.7 | 153.0 | <0.002 | 0.02 | 0.82 | 7.8 | 2 | 2.8 | 148.0 | 1.04 | 0.06 | 16.5 | 0.201 | 0.72 | 4.0 |

***** 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: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|
| J599120 | | 17 | 2.1 | 21.3 | 27 | 230 |
| J599121 | | 18 | 2.1 | 22.2 | 23 | 238 |
| J599122 | | 17 | 1.7 | 23.6 | 27 | 223 |
| J599123 | | 19 | 1.2 | 23.2 | 30 | 208 |
| J599124 | | 17 | 2.6 | 29.1 | 41 | 240 |
| J599125 | | 17 | 1.7 | 28.0 | 40 | 232 |
| J599126 | | 16 | 1.2 | 27.9 | 33 | 226 |
| J599127 | | 16 | 1.3 | 28.2 | 30 | 248 |
| J599128 | | 16 | 1.5 | 25.7 | 29 | 241 |
| J599129 | | 17 | 1.4 | 27.9 | 45 | 244 |
| J599130 | | 18 | 1.3 | 28.7 | 46 | 251 |
| J599131 | | 16 | 2.0 | 26.3 | 23 | 239 |
| J599132 | | 17 | 4.3 | 27.9 | 5 | 238 |
| J599133 | | 17 | 2.4 | 23.6 | 8 | 235 |
| J599134 | | 16 | 1.8 | 22.2 | 11 | 244 |
| J599135 | | 17 | 1.5 | 24.8 | 10 | 261 |
| J599136 | | 17 | 2.2 | 25.6 | 11 | 251 |
| J599137 | | 16 | 3.3 | 23.4 | 14 | 224 |
| J599138 | | 35 | 1.7 | 30.8 | 23 | 339 |
| J599139 | | 18 | 1.1 | 25.7 | 21 | 241 |
| J599140 | | 17 | 0.9 | 27.2 | 30 | 232 |
| J599141 | | 18 | 1.3 | 27.6 | 30 | 222 |
| J599142 | | 18 | 2.2 | 29.8 | 29 | 250 |
| J599143 | | 17 | 2.2 | 27.9 | 27 | 234 |
| J599144 | | 16 | 1.4 | 26.4 | 27 | 234 |
| J599145 | | 17 | 1.7 | 29.0 | 30 | 221 |
| J599146 | | 18 | 1.6 | 25.5 | 25 | 244 |
| J599147 | | 17 | 1.7 | 24.0 | 30 | 230 |
| J599148 | | 18 | 1.1 | 24.7 | 30 | 243 |
| J599149 | | 16 | 1.2 | 24.2 | 25 | 216 |
| J599150 | | 29 | 0.3 | 5.2 | 38 | 50.3 |
| J599151 | | 17 | 1.4 | 24.4 | 31 | 245 |
| J599152 | | 17 | 7.9 | 18.6 | 30 | 232 |
| J599153 | | 18 | 15.2 | 23.2 | 26 | 250 |
| J599154 | | 17 | 1.5 | 28.0 | 30 | 248 |
| J599155 | | 17 | 1.3 | 28.1 | 30 | 228 |
| J599156 | | 17 | 0.8 | 30.6 | 27 | 235 |
| J599157 | | 17 | 2.3 | 29.8 | 23 | 216 |
| J599158 | | 17 | 0.9 | 30.3 | 22 | 232 |
| J599159 | | 17 | 0.8 | 28.6 | 21 | 238 |

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

ALS Canada Ltd.

2103 Dollarton Hwy
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Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

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


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| Sample Description | Method | WEI-21 | Au-AA23 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 | ME-MS61 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Analyte | Recvd Wt. | Au | Ag | Al | As | Ba | Be | Bi | Ca | Cd | Ce | Co | Cr | Cs | Cu |
| | Units | kg | g/t | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm |
| | LOR | 0.02 | 0.005 | 0.01 | 0.01 | 0.2 | 10 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.1 | 1 | 0.05 | 0.2 |
| J599160 | | 1.67 | <0.005 | 0.06 | 6.87 | 31.1 | 940 | 1.67 | 0.06 | 1.15 | 0.02 | 123.0 | 4.1 | 8 | 2.59 | 1.6 |
| J599161 | | 1.79 | <0.005 | 0.06 | 6.72 | 29.1 | 950 | 1.61 | 0.05 | 1.07 | 0.04 | 114.5 | 3.1 | 9 | 2.20 | 3.7 |
| J599162 | | 1.69 | <0.005 | 0.06 | 6.56 | 34.4 | 890 | 1.54 | 0.06 | 1.05 | 0.02 | 118.5 | 4.0 | 9 | 2.30 | 1.4 |
| J599163 | | 1.80 | 0.059 | 0.07 | 6.58 | 50.0 | 880 | 1.63 | 0.05 | 1.05 | 0.03 | 115.0 | 3.7 | 9 | 2.04 | 5.0 |
| J599164 | | 2.02 | 0.086 | 0.07 | 6.69 | 54.9 | 980 | 1.70 | 0.04 | 1.06 | 0.04 | 126.0 | 3.8 | 7 | 2.24 | 4.2 |
| J599165 | | 2.08 | 0.048 | 0.06 | 6.70 | 40.8 | 880 | 1.41 | 0.04 | 1.04 | 0.02 | 123.5 | 4.2 | 8 | 2.18 | 2.1 |
| J599166 | | 1.83 | <0.005 | 0.04 | 6.73 | 36.9 | 920 | 1.62 | 0.03 | 1.03 | 0.03 | 130.5 | 4.1 | 8 | 2.17 | 1.1 |
| J599167 | | 1.32 | <0.005 | 0.07 | 6.63 | 43.9 | 870 | 1.65 | 0.03 | 0.99 | 0.03 | 125.0 | 4.4 | 9 | 2.07 | 1.4 |
| J599168 | | 1.24 | 0.020 | 0.03 | 6.49 | 47.1 | 860 | 1.56 | 0.04 | 1.02 | 0.04 | 119.5 | 3.6 | 11 | 2.01 | 2.0 |
| J599169 | | 1.42 | 0.125 | 0.10 | 6.77 | 763 | 830 | 1.55 | 0.12 | 1.06 | 0.04 | 128.0 | 4.7 | 8 | 1.51 | 8.2 |
| J599170 | | 1.97 | 0.022 | 0.04 | 6.62 | 48.5 | 850 | 1.48 | 0.04 | 1.06 | 0.04 | 112.5 | 4.6 | 8 | 2.34 | 2.2 |
| J599171 | | 1.81 | <0.005 | 0.10 | 6.52 | 38.3 | 860 | 1.54 | 0.04 | 1.05 | 0.03 | 96.0 | 3.0 | 11 | 2.33 | 2.4 |
| J599172 | | 1.45 | <0.005 | 0.09 | 6.67 | 31.8 | 860 | 1.63 | 0.03 | 1.08 | 0.04 | 97.2 | 3.0 | 11 | 2.42 | 3.9 |
| J599173 | | 1.34 | <0.005 | 0.08 | 6.77 | 28.7 | 900 | 1.53 | 0.03 | 1.12 | 0.02 | 97.7 | 3.3 | 15 | 2.45 | 2.8 |

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


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599160 | | 2.24 | 17.95 | 0.28 | 6.8 | 0.022 | 3.18 | 65.4 | 17.2 | 0.27 | 345 | 1.81 | 2.92 | 13.1 | 3.6 | 340 |
| J599161 | | 2.05 | 16.15 | 0.29 | 6.1 | 0.020 | 3.18 | 56.0 | 13.9 | 0.23 | 304 | 1.63 | 2.79 | 11.9 | 3.4 | 310 |
| J599162 | | 2.10 | 16.70 | 0.29 | 6.6 | 0.021 | 3.07 | 59.8 | 15.9 | 0.24 | 301 | 1.68 | 2.81 | 12.8 | 3.6 | 310 |
| J599163 | | 2.11 | 17.00 | 0.25 | 6.6 | 0.020 | 3.17 | 55.9 | 14.7 | 0.24 | 316 | 1.58 | 2.80 | 13.5 | 3.4 | 310 |
| J599164 | | 2.14 | 17.35 | 0.29 | 6.6 | 0.020 | 3.27 | 58.4 | 16.1 | 0.25 | 337 | 0.86 | 2.84 | 13.0 | 3.5 | 320 |
| J599165 | | 2.23 | 16.70 | 0.27 | 6.3 | 0.018 | 3.13 | 62.1 | 16.8 | 0.24 | 342 | 1.12 | 2.76 | 12.1 | 3.4 | 320 |
| J599166 | | 2.21 | 17.00 | 0.28 | 6.0 | 0.011 | 3.26 | 60.5 | 17.2 | 0.25 | 317 | 1.21 | 2.80 | 12.6 | 3.5 | 320 |
| J599167 | | 2.16 | 17.35 | 0.29 | 6.3 | 0.016 | 3.22 | 59.4 | 16.6 | 0.23 | 303 | 1.35 | 2.73 | 13.4 | 3.4 | 300 |
| J599168 | | 2.06 | 16.75 | 0.30 | 6.0 | 0.018 | 3.11 | 59.7 | 16.1 | 0.24 | 317 | 1.31 | 2.68 | 12.4 | 3.2 | 300 |
| J599169 | | 2.24 | 16.60 | 0.29 | 6.5 | 0.020 | 2.94 | 66.1 | 13.3 | 0.24 | 288 | 1.68 | 3.00 | 11.8 | 3.4 | 310 |
| J599170 | | 2.03 | 16.70 | 0.25 | 6.4 | 0.030 | 3.06 | 56.7 | 16.6 | 0.24 | 304 | 2.42 | 2.79 | 12.2 | 3.4 | 300 |
| J599171 | | 1.95 | 16.15 | 0.14 | 5.9 | 0.031 | 3.06 | 52.1 | 15.0 | 0.24 | 304 | 1.77 | 2.85 | 12.6 | 3.2 | 310 |
| J599172 | | 1.92 | 16.55 | 0.13 | 5.9 | 0.024 | 3.01 | 49.0 | 15.5 | 0.24 | 298 | 1.80 | 2.92 | 12.8 | 3.1 | 300 |
| J599173 | | 2.01 | 16.20 | 0.14 | 6.2 | 0.025 | 3.08 | 51.6 | 15.4 | 0.25 | 308 | 1.74 | 2.94 | 12.8 | 3.3 | 310 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| J599160 | | 14.0 | 153.0 | <0.002 | <0.01 | 0.85 | 8.1 | 2 | 3.1 | 152.5 | 1.07 | <0.05 | 16.9 | 0.214 | 0.69 | 3.7 |
| J599161 | | 15.1 | 143.0 | <0.002 | 0.04 | 0.71 | 7.0 | 2 | 2.5 | 147.5 | 1.05 | <0.05 | 17.3 | 0.192 | 0.70 | 4.0 |
| J599162 | | 14.6 | 144.5 | <0.002 | <0.01 | 0.79 | 7.4 | 1 | 2.5 | 150.5 | 1.12 | <0.05 | 17.8 | 0.195 | 0.66 | 3.9 |
| J599163 | | 13.8 | 142.0 | 0.002 | 0.15 | 0.70 | 7.6 | 1 | 2.5 | 144.5 | 1.16 | <0.05 | 18.4 | 0.194 | 0.64 | 4.4 |
| J599164 | | 15.1 | 154.5 | <0.002 | 0.10 | 0.60 | 7.7 | 1 | 2.3 | 142.5 | 1.10 | <0.05 | 18.1 | 0.201 | 0.72 | 3.9 |
| J599165 | | 11.7 | 145.0 | 0.002 | 0.03 | 0.66 | 7.7 | 1 | 2.2 | 126.0 | 1.00 | <0.05 | 17.0 | 0.197 | 0.64 | 3.8 |
| J599166 | | 12.8 | 146.5 | <0.002 | <0.01 | 0.68 | 7.4 | 1 | 2.2 | 167.0 | 1.08 | <0.05 | 17.2 | 0.201 | 0.69 | 3.9 |
| J599167 | | 12.9 | 142.0 | 0.002 | <0.01 | 0.66 | 7.2 | 1 | 2.1 | 169.5 | 1.20 | <0.05 | 19.0 | 0.192 | 0.66 | 4.4 |
| J599168 | | 12.8 | 135.5 | 0.002 | 0.02 | 0.56 | 7.4 | 1 | 2.3 | 162.5 | 1.06 | <0.05 | 18.1 | 0.190 | 0.61 | 4.1 |
| J599169 | | 12.3 | 131.0 | <0.002 | 0.68 | 0.64 | 7.5 | 1 | 2.3 | 103.5 | 1.03 | <0.05 | 18.0 | 0.192 | 0.53 | 4.1 |
| J599170 | | 15.5 | 140.5 | <0.002 | 0.02 | 0.66 | 7.4 | 2 | 2.1 | 145.5 | 1.06 | <0.05 | 17.3 | 0.189 | 0.60 | 4.0 |
| J599171 | | 15.5 | 113.5 | 0.004 | <0.01 | 0.71 | 6.7 | 1 | 2.1 | 139.5 | 1.07 | <0.05 | 14.4 | 0.191 | 0.63 | 3.2 |
| J599172 | | 16.1 | 121.5 | 0.002 | <0.01 | 0.62 | 6.7 | 1 | 2.2 | 144.5 | 1.10 | <0.05 | 15.4 | 0.188 | 0.63 | 3.7 |
| J599173 | | 14.5 | 115.5 | 0.005 | <0.01 | 0.61 | 6.9 | 1 | 2.3 | 149.0 | 1.06 | <0.05 | 14.8 | 0.196 | 0.61 | 3.3 |

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**TORONTO ON M5H 3W4**


**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

| 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 |
|---|---|---|---|---|---|---|
| J599160 | | 19 | 1.0 | 30.6 | 22 | 254 |
| J599161 | | 15 | 2.4 | 26.9 | 20 | 220 |
| J599162 | | 16 | 0.9 | 28.5 | 21 | 228 |
| J599163 | | 16 | 4.1 | 28.4 | 20 | 238 |
| J599164 | | 16 | 1.4 | 28.0 | 21 | 229 |
| J599165 | | 16 | 1.2 | 26.6 | 20 | 233 |
| J599166 | | 16 | 0.8 | 27.5 | 24 | 219 |
| J599167 | | 15 | 0.8 | 28.8 | 24 | 213 |
| J599168 | | 16 | 1.5 | 26.3 | 25 | 204 |
| J599169 | | 15 | 14.4 | 27.8 | 23 | 225 |
| J599170 | | 16 | 0.9 | 27.3 | 26 | 231 |
| J599171 | | 16 | 0.7 | 25.3 | 24 | 202 |
| J599172 | | 15 | 0.7 | 25.6 | 24 | 201 |
| J599173 | | 16 | 0.8 | 25.5 | 25 | 219 |

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**Finalized Date: 31-MAR-2012**
**Account: RRRTPK**

Project: TPK-ROWLANDSON

# CERTIFICATE OF ANALYSIS TB12058155

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