



Mr Grant MacDonald
Frontier Resources Ltd
PO Box 81
SORELL TAS 7172



QUALITY
MANAGEMENT
SYSTEM

| | | | |
|-----------------|-------------------|-------------------|------------|
| Your Order No: | RIVER LEA CORE 10 | Our Job Number: | 2AD1855 |
| Sample rec'd: | 03/04/12 | Results reported: | 07/05/12 |
| No. of samples: | 127 | Type of Sample: | DRILL CORE |

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Neville Walkom
Senior Chemist

I.S. - *Insufficient Sample*
R.N.L. - *Received But Not Listed*

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantitative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 2AD1855
O/N: RIVER LEA CORE 10

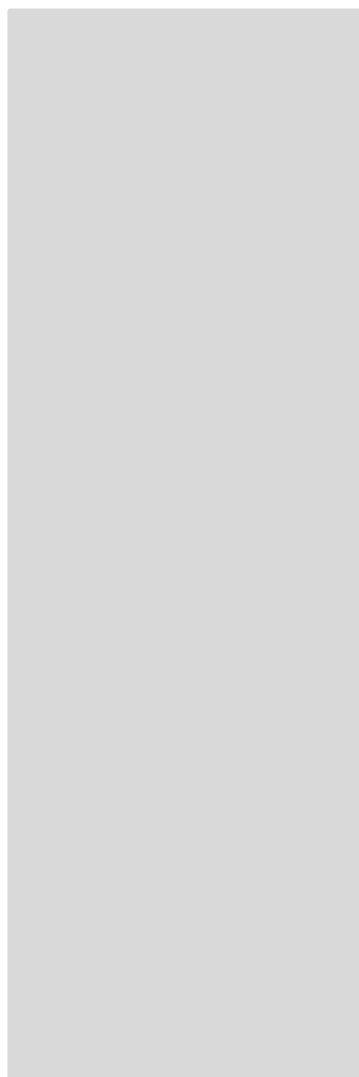
Final

ANALYTICAL REPORT



A M D E L

SAMPLE Au Au Rpt Au Rpt



| | | | |
|---------|------|------|------|
| UNITS | ppm | ppm | ppm |
| DET.LIM | 0.01 | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 | FA1 |

Job: 2AD1855
O/N: RIVER LEA CORE 10

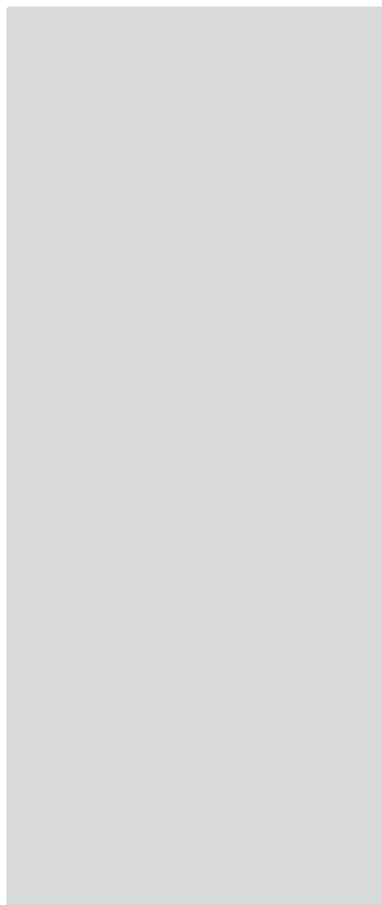
Final

ANALYTICAL REPORT



A M D E L

SAMPLE Au Au Rpt Au Rpt



| | | | |
|--------|-------|------|----|
| 119253 | <0.01 | -- | -- |
| 119254 | <0.01 | -- | -- |
| 119255 | <0.01 | -- | -- |
| 119256 | <0.01 | -- | -- |
| 119257 | 0.01 | -- | -- |
| 119258 | 0.01 | -- | -- |
| 119259 | <0.01 | 0.01 | -- |

| | | | |
|---------|------|------|------|
| UNITS | ppm | ppm | ppm |
| DET.LIM | 0.01 | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 | FA1 |

Job: 2AD1855
O/N: RIVER LEA CORE 10



Final

ANALYTICAL REPORT

A M D E L

| SAMPLE | Au | Au Rpt | Au Rpt |
|--------|--------|--------|--------|
| 119260 | < 0.01 | -- | -- |
| 119261 | < 0.01 | -- | -- |
| 119262 | < 0.01 | -- | -- |
| 119263 | < 0.01 | -- | -- |
| 119264 | < 0.01 | -- | -- |
| 119265 | 5.65 | -- | -- |
| 119266 | 0.10 | -- | -- |
| 119267 | < 0.01 | -- | -- |
| 119268 | < 0.01 | -- | -- |
| 119269 | < 0.01 | -- | -- |
| 119270 | < 0.01 | -- | -- |
| 119271 | < 0.01 | -- | -- |
| 119272 | 0.05 | -- | -- |
| 119273 | < 0.01 | -- | -- |
| 119274 | < 0.01 | -- | -- |
| 119275 | < 0.01 | -- | -- |
| 119276 | < 0.01 | -- | -- |
| 119277 | 0.13 | -- | -- |
| 119278 | 0.05 | -- | -- |
| 119279 | < 0.01 | -- | -- |
| 119280 | 0.02 | -- | -- |
| 119281 | < 0.01 | -- | -- |
| 119282 | 0.02 | -- | -- |
| 119283 | < 0.01 | -- | -- |
| 119284 | < 0.01 | -- | -- |
| 119285 | < 0.01 | -- | -- |
| 119286 | < 0.01 | -- | -- |

| UNITS | ppm | ppm | ppm |
|---------|------|------|------|
| DET.LIM | 0.01 | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 | FA1 |



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FINAL ANALYSIS REPORT

| | | | |
|-----------------|------------------|-------------------|------------|
| Your Order No: | RIVER LEA CORE 9 | Our Job Number: | 2AD1605 |
| Sample rec'd: | 23/03/12 | Results reported: | 18/04/12 |
| No. of samples: | 207 | Type of Sample: | DRILL CORE |

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 5

This report supersedes any preliminary results previously reported.

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Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A. - Not Available
L.N.R. - Listed But Not Received

I.S. - Insufficient Sample
R.N.L. - Received But Not Listed

Please Note

- 1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.
- 2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT



A M D E L

| SAMPLE | Au Au Rpt | |
|---------|-----------|-------|
| 4458 | 0.66 | -- |
| 4459 | 1.60 | 1.50 |
| 4460 | 0.15 | -- |
| 4461 | 1.25 | -- |
| 4462 | 0.11 | -- |
| 4463 | 0.03 | -- |
| 4464 | <0.01 | -- |
| 4465 | <0.01 | -- |
| 4466 | 0.07 | -- |
| 4467 | <0.01 | -- |
| 4468 | <0.01 | -- |
| 4469 | 0.02 | -- |
| 4470 | 0.03 | -- |
| 4471 | <0.01 | -- |
| 4472 | <0.01 | -- |
| 4473 | 0.03 | -- |
| 4474 | <0.01 | -- |
| 4475 | <0.01 | -- |
| 4476 | <0.01 | -- |
| 4477 | <0.01 | -- |
| 4478 | 0.09 | -- |
| 4479 | <0.01 | -- |
| 4480 | <0.01 | -- |
| 4481 | <0.01 | -- |
| 4482 | <0.01 | <0.01 |
| 4483 | 0.06 | -- |
| 4484 | 5.90 | 6.25 |
| 4485 | <0.01 | -- |
| 4486 | <0.01 | -- |
| 4487 | <0.01 | -- |
| 4488 | <0.01 | -- |
| 4489 | <0.01 | -- |
| 4490 | <0.01 | -- |
| 4491 | <0.01 | -- |
| 4492 | <0.01 | -- |
| 4493 | 2.15 | -- |
| 4494 | 0.10 | -- |
| 4495 | <0.01 | -- |
| 4496 | <0.01 | -- |
| 4497 | <0.01 | -- |
| 4498 | <0.01 | -- |
| 4499 | <0.01 | <0.01 |
| 4500 | <0.01 | -- |
| 4951 | <0.01 | -- |
| 4952 | <0.01 | -- |
| 4953 | <0.01 | -- |
| 4954 | 0.03 | -- |
| 4955 | 0.02 | -- |
| 4956 | 0.07 | -- |
| UNITS | ppm | ppm |
| DET.LIM | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 |

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT



A M D E L

| SAMPLE | Au | Au Rpt |
|--------|------|--------|
| 4957 | 0.09 | -- |
| 4958 | 0.52 | -- |
| 4959 | 1.75 | 1.65 |

| | | |
|---------|------|------|
| UNITS | ppm | ppm |
| DET.LIM | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 |

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT



A M D E L

| SAMPLE | Au | Au Rpt |
|--------|-------|--------|
| 5407 | <0.01 | -- |
| 5408 | <0.01 | <0.01 |
| 5409 | <0.01 | -- |
| 5410 | <0.01 | -- |
| 5411 | <0.01 | -- |
| 5412 | <0.01 | -- |
| 5413 | <0.01 | -- |
| 5414 | <0.01 | -- |
| 5415 | <0.01 | -- |
| 5416 | <0.01 | -- |
| 5417 | <0.01 | -- |
| 5418 | <0.01 | -- |
| 5419 | 0.02 | -- |
| 5420 | 0.01 | -- |
| 5421 | <0.01 | -- |
| 5422 | <0.01 | -- |
| 5423 | <0.01 | -- |
| 5424 | <0.01 | -- |
| 5425 | <0.01 | -- |
| 5426 | <0.01 | -- |
| 5427 | <0.01 | -- |
| 5428 | <0.01 | -- |
| 5429 | <0.01 | -- |
| 5430 | <0.01 | -- |
| 5431 | <0.01 | -- |
| 5432 | 1.50 | -- |
| 5433 | <0.01 | -- |
| 5434 | 0.18 | -- |
| 5435 | <0.01 | -- |
| 5436 | 0.12 | -- |
| 5437 | 0.05 | -- |
| 5438 | <0.01 | -- |
| 5439 | 0.09 | -- |
| 5440 | <0.01 | -- |
| 5441 | <0.01 | -- |
| 5442 | <0.01 | -- |
| 5443 | <0.01 | -- |
| 5444 | <0.01 | -- |
| 5445 | <0.01 | -- |
| 5446 | 0.02 | -- |
| 5447 | <0.01 | -- |
| 5448 | <0.01 | -- |
| 5449 | <0.01 | <0.01 |
| 5450 | <0.01 | -- |

| | | |
|---------|------|------|
| UNITS | ppm | ppm |
| DET.LIM | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 |

Job: 2AD1605
O/N: RIVER LEA CORE 9

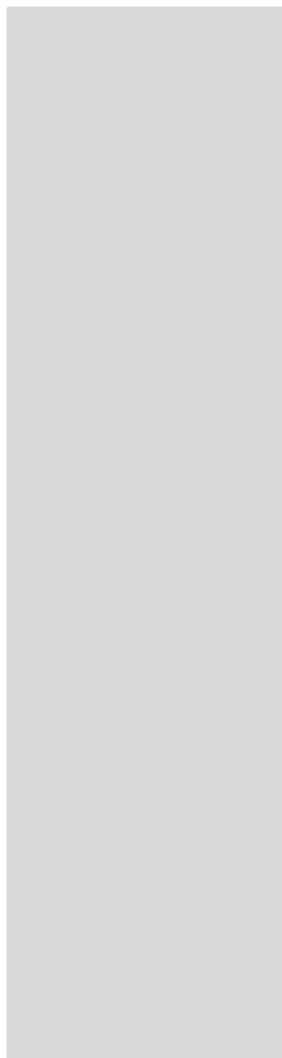
Final

ANALYTICAL REPORT



A M D E L

SAMPLE Au Au Rpt



| UNITS | ppm | ppm |
|---------|------|------|
| DET.LIM | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 |

Job: 2AD1605
O/N: RIVER LEA CORE 9

Final

ANALYTICAL REPORT



A M D E L

SAMPLE Au Au Rpt



| | | |
|---------|------|------|
| UNITS | ppm | ppm |
| DET.LIM | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 |



A M D E L

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FINAL ANALYSIS REPORT

| | | | |
|-----------------|----------|-------------------|----------|
| Your Order No: | 6261 | Our Job Number: | 2AD2119 |
| Sample rec'd: | 17/04/12 | Results reported: | 14/05/12 |
| No. of samples: | 37 | Type of Sample: | PULPS |

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 1

This report supersedes any preliminary results previously reported.

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Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A. - Not Available
 L.N.R. - Listed But Not Received

I.S. - Insufficient Sample
 R.N.L. - Received But Not Listed

Please Note

- 1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantitative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.
- 2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 2AD2119
O/N: 6261

Final

ANALYTICAL REPORT



A M D E L

| SAMPLE | Au | Au | Rpt |
|--------|------|------|-----|
| 9001 | 0.03 | -- | |
| 9001A | N.A. | -- | |
| 9002 | 0.02 | -- | |
| 9003 | 0.08 | -- | |
| 9004 | 0.02 | -- | |
| 9005 | 0.03 | -- | |
| 9006 | 0.06 | -- | |
| 9007 | 0.03 | -- | |
| 9008 | 0.01 | -- | |
| 9009 | 0.01 | -- | |
| 9010 | 0.08 | -- | |
| 9011 | 0.02 | -- | |
| 9012 | 0.04 | -- | |
| 9013 | 0.02 | 0.03 | |
| 9014 | 0.01 | -- | |
| 9015 | 0.02 | -- | |
| 9016 | 0.02 | -- | |
| 9017 | 0.03 | -- | |
| 9018 | 0.03 | -- | |
| 9019 | 0.04 | -- | |
| 9020 | 0.29 | 0.33 | |
| 9021 | 0.01 | -- | |
| 9022 | 0.04 | -- | |
| 9023 | 0.06 | -- | |
| 9024 | 0.05 | -- | |
| 9025 | 0.04 | -- | |
| 9026 | 0.03 | -- | |
| 9027 | 0.02 | -- | |
| 9028 | 0.08 | -- | |
| 9029 | 0.06 | -- | |
| 9030 | 0.05 | -- | |
| 9031 | 0.04 | -- | |
| 9032 | 0.01 | -- | |
| 9033 | 0.01 | -- | |
| 9034 | 0.02 | -- | |
| 9035 | 0.02 | -- | |
| 9035A | 1.60 | -- | |

| | | |
|---------|------|------|
| UNITS | ppm | ppm |
| DET.LIM | 0.01 | 0.01 |
| SCHEME | FA1 | FA1 |