# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0001 to NCZ-SS-0034

ATLANTICO ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0001 | 205420 | 8065498 | Stream Sediment | FP-R | 492.67 | 91.40 | 18.55 | 39 | 52.42 |
| NCZ-SS-0002 | 212081 | 8066269 | Stream Sediment | FP-R | 247.51 | 47.70 | 19.27 | 43 | 57.80 |
| NCZ-SS-0003 | 207670 | 8066235 | Stream Sediment | FP-R | 369.42 | 70.24 | 19.01 | 39 | 52.42 |
| NCZ-SS-0004 | 217034 | 8058851 | Stream Sediment | FP-R | 206.46 | 37.36 | 18.09 | 45 | 60.49 |
| NCZ-SS-0005 | 209084 | 8068803 | Stream Sediment | FP-R | 240.96 | 43.26 | 17.95 | 36 | 48.39 |
| NCZ-SS-0006 | 209227 | 8057545 | Stream Sediment | FP-R | 145.35 | 26.04 | 17.91 | 18 | 24.20 |
| NCZ-SS-0007 | 214389 | 8072818 | Stream Sediment | FP-R | 60.96 | 10.83 | 17.77 | 35 | 47.05 |
| NCZ-SS-0008 | 211057 | 8070301 | Stream Sediment | FP-R | 1,213.42 | 241.82 | 19.93 | 30 | 40.33 |
| NCZ-SS-0009 | 212581 | 8070446 | Stream Sediment | FP-R | 108.30 | 14.96 | 13.81 | 35 | 47.05 |
| NCZ-SS-0010 | 210858 | 8068651 | Stream Sediment | FP-R | 206.26 | 46.36 | 22.48 | 40 | 53.77 |
| NCZ-SS-0011 | 211911 | 8068872 | Stream Sediment | FP-R | 369.94 | 77.32 | 20.90 | 29 | 38.98 |
| NCZ-SS-0012 | 212982 | 8067375 | Stream Sediment | FP-R | 317.56 | 59.35 | 18.69 | 37 | 49.74 |
| NCZ-SS-0013 | 213456 | 8056826 | Stream Sediment | FP-R | 541.54 | 111.87 | 20.66 | 33 | 44.36 |
| NCZ-SS-0014 | 212307 | 8057457 | Stream Sediment | FP-R | 301.52 | 54.75 | 18.16 | 49 | 65.87 |
| NCZ-SS-0015 | 214332 | 8073643 | Stream Sediment | FP-R | 688.14 | 125.93 | 18.30 | 43 | 57.80 |
| NCZ-SS-0016 | 212490 | 8075132 | Stream Sediment | FP-R | 882.24 | 178.16 | 20.19 | 27 | 36.29 |
| NCZ-SS-0017 | 210682 | 8073901 | Stream Sediment | FP-R | 240.44 | 44.54 | 18.52 | 47 | 63.18 |
| NCZ-SS-0018 | 214682 | 8065087 | Stream Sediment | FP-W | 442.58 | 93.79 | 21.19 | 37 | 49.74 |
| NCZ-SS-0019 | 209951 | 8059268 | Stream Sediment | FP-W | 328.37 | 62.37 | 18.99 | 54 | 72.59 |
| NCZ-SS-0020 | 214230 | 8065236 | Stream Sediment | FP-W | 184.15 | 32.26 | 17.52 | 44 | 59.14 |
| NCZ-SS-0021 | 207860 | 8059724 | Stream Sediment | FP-W | 347.03 | 65.22 | 18.79 | 46 | 61.83 |
| NCZ-SS-0022 | 206559 | 8058762 | Stream Sediment | FP-W | 131.35 | 21.51 | 16.38 | 35 | 47.05 |
| NCZ-SS-0023 | 209395 | 8054233 | Stream Sediment | FP-W | 320.49 | 60.77 | 18.96 | 45 | 60.49 |
| NCZ-SS-0024 | 206049 | 8055147 | Stream Sediment | FP-W | 248.73 | 39.39 | 15.84 | 37 | 49.74 |
| NCZ-SS-0025 | 205212 | 8053796 | Stream Sediment | FP-W | 105.22 | 12.83 | 12.19 | 46 | 61.83 |
| NCZ-SS-0026 | 205449 | 8052166 | Stream Sediment | FP-W | 272.35 | 50.90 | 18.69 | 45 | 60.49 |
| NCZ-SS-0027 | 209341 | 8067591 | Stream Sediment | FP-W | 630.91 | 120.59 | 19.11 | 41 | 55.11 |
| NCZ-SS-0028 | 206488 | 8066505 | Stream Sediment | FP-W | 265.96 | 48.29 | 18.16 | 57 | 76.62 |
| NCZ-SS-0029 | 205131 | 8064217 | Stream Sediment | FP-W | 413.70 | 64.74 | 15.65 | 38 | 51.08 |
| NCZ-SS-0030 | 205191 | 8063827 | Stream Sediment | FP-W | 231.68 | 40.20 | 17.35 | 49 | 65.87 |
| NCZ-SS-0031 | 214605 | 8060517 | Stream Sediment | FP-W | 246.09 | 43.99 | 17.88 | 57 | 76.62 |
| NCZ-SS-0032 | 216487 | 8058802 | Stream Sediment | FP-W | 279.11 | 53.80 | 19.28 | 65 | 87.37 |
| NCZ-SS-0033 | 215945 | 8056070 | Stream Sediment | FP-W | 710.21 | 131.58 | 18.53 | 44 | 59.14 |
| NCZ-SS-0034 | 217685 | 8071710 | Stream Sediment | FP-W | 332.79 | 66.79 | 20.07 | 44 | 59.14 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0001 to NCZ-SS-0034

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0001 | 205420 | 8065498 | Stream Sediment | FP-R | 59.49 | 19.39 | 10.78 | 1.74 | 78.88 | 12.52 |
| NCZ-SS-0002 | 212081 | 8066269 | Stream Sediment | FP-R | 31.38 | 10.22 | 5.28 | 0.82 | 41.60 | 6.10 |
| NCZ-SS-0003 | 207670 | 8066235 | Stream Sediment | FP-R | 47.59 | 14.08 | 7.36 | 1.22 | 61.66 | 8.58 |
| NCZ-SS-0004 | 217034 | 8058851 | Stream Sediment | FP-R | 23.68 | 8.06 | 4.82 | 0.80 | 31.74 | 5.62 |
| NCZ-SS-0005 | 209084 | 8068803 | Stream Sediment | FP-R | 27.88 | 10.27 | 4.40 | 0.72 | 38.15 | 5.11 |
| NCZ-SS-0006 | 209227 | 8057545 | Stream Sediment | FP-R | 17.15 | 5.71 | 2.77 | 0.41 | 22.86 | 3.18 |
| NCZ-SS-0007 | 214389 | 8072818 | Stream Sediment | FP-R | 6.88 | 2.26 | 1.49 | 0.20 | 9.14 | 1.69 |
| NCZ-SS-0008 | 211057 | 8070301 | Stream Sediment | FP-R | 163.88 | 52.69 | 21.24 | 4.01 | 216.57 | 25.25 |
| NCZ-SS-0009 | 212581 | 8070446 | Stream Sediment | FP-R | 9.33 | 3.83 | 1.56 | 0.24 | 13.16 | 1.80 |
| NCZ-SS-0010 | 210858 | 8068651 | Stream Sediment | FP-R | 32.89 | 8.34 | 4.45 | 0.68 | 41.23 | 5.14 |
| NCZ-SS-0011 | 211911 | 8068872 | Stream Sediment | FP-R | 52.60 | 16.13 | 7.30 | 1.28 | 68.73 | 8.58 |
| NCZ-SS-0012 | 212982 | 8067375 | Stream Sediment | FP-R | 39.19 | 12.70 | 6.43 | 1.04 | 51.89 | 7.46 |
| NCZ-SS-0013 | 213456 | 8056826 | Stream Sediment | FP-R | 74.65 | 21.48 | 13.59 | 2.15 | 96.13 | 15.74 |
| NCZ-SS-0014 | 212307 | 8057457 | Stream Sediment | FP-R | 33.59 | 11.20 | 8.69 | 1.27 | 44.79 | 9.96 |
| NCZ-SS-0015 | 214332 | 8073643 | Stream Sediment | FP-R | 86.78 | 30.30 | 7.35 | 1.51 | 117.08 | 8.85 |
| NCZ-SS-0016 | 212490 | 8075132 | Stream Sediment | FP-R | 127.60 | 41.69 | 7.30 | 1.56 | 169.30 | 8.86 |
| NCZ-SS-0017 | 210682 | 8073901 | Stream Sediment | FP-R | 29.63 | 9.96 | 4.48 | 0.48 | 39.58 | 4.96 |
| NCZ-SS-0018 | 214682 | 8065087 | Stream Sediment | FP-W | 64.27 | 21.30 | 6.79 | 1.42 | 85.57 | 8.22 |
| NCZ-SS-0019 | 209951 | 8059268 | Stream Sediment | FP-W | 42.57 | 14.75 | 4.22 | 0.82 | 57.33 | 5.05 |
| NCZ-SS-0020 | 214230 | 8065236 | Stream Sediment | FP-W | 21.23 | 8.76 | 1.93 | 0.34 | 29.99 | 2.27 |
| NCZ-SS-0021 | 207860 | 8059724 | Stream Sediment | FP-W | 44.44 | 15.09 | 4.76 | 0.93 | 59.53 | 5.69 |
| NCZ-SS-0022 | 206559 | 8058762 | Stream Sediment | FP-W | 13.76 | 4.35 | 2.93 | 0.47 | 18.11 | 3.40 |
| NCZ-SS-0023 | 209395 | 8054233 | Stream Sediment | FP-W | 38.72 | 12.94 | 7.79 | 1.32 | 51.66 | 9.11 |
| NCZ-SS-0024 | 206049 | 8055147 | Stream Sediment | FP-W | 24.84 | 8.82 | 4.92 | 0.80 | 33.66 | 5.72 |
| NCZ-SS-0025 | 205212 | 8053796 | Stream Sediment | FP-W | 7.00 | 2.54 | 2.90 | 0.39 | 9.54 | 3.29 |
| NCZ-SS-0026 | 205449 | 8052166 | Stream Sediment | FP-W | 34.18 | 10.55 | 5.24 | 0.93 | 44.72 | 6.17 |
| NCZ-SS-0027 | 209341 | 8067591 | Stream Sediment | FP-W | 77.92 | 25.46 | 14.79 | 2.42 | 103.37 | 17.22 |
| NCZ-SS-0028 | 206488 | 8066505 | Stream Sediment | FP-W | 31.14 | 10.02 | 6.17 | 0.95 | 41.16 | 7.13 |
| NCZ-SS-0029 | 205131 | 8064217 | Stream Sediment | FP-W | 34.64 | 11.22 | 16.70 | 2.18 | 45.87 | 18.88 |
| NCZ-SS-0030 | 205191 | 8063827 | Stream Sediment | FP-W | 26.48 | 8.90 | 4.12 | 0.69 | 35.38 | 4.81 |
| NCZ-SS-0031 | 214605 | 8060517 | Stream Sediment | FP-W | 27.76 | 9.93 | 5.42 | 0.88 | 37.69 | 6.30 |
| NCZ-SS-0032 | 216487 | 8058802 | Stream Sediment | FP-W | 36.28 | 12.43 | 4.34 | 0.75 | 48.71 | 5.09 |
| NCZ-SS-0033 | 215945 | 8056070 | Stream Sediment | FP-W | 91.21 | 32.34 | 6.54 | 1.48 | 123.56 | 8.02 |
| NCZ-SS-0034 | 217685 | 8071710 | Stream Sediment | FP-W | 45.61 | 15.01 | 5.23 | 0.94 | 60.61 | 6.17 |

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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0001 to NCZ-SS-0034

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0001 | 205420 | 8065498 | Stream Sediment | FP-R | 18 | 2.4 | 77 | 11720 | 152.21 |
| NCZ-SS-0002 | 212081 | 8066269 | Stream Sediment | FP-R | <10 | 0.7 | 11 | 1315 | 119.55 |
| NCZ-SS-0003 | 207670 | 8066235 | Stream Sediment | FP-R | 18 | 1.9 | 29 | 6363 | 219.41 |
| NCZ-SS-0004 | 217034 | 8058851 | Stream Sediment | FP-R | 26 | 2.3 | 49 | 7295 | 148.88 |
| NCZ-SS-0005 | 209084 | 8068803 | Stream Sediment | FP-R | <10 | 0.9 | 19 | 3674 | 193.37 |
| NCZ-SS-0006 | 209227 | 8057545 | Stream Sediment | FP-R | <10 | 0.3 | 7 | 1197 | 171.00 |
| NCZ-SS-0007 | 214389 | 8072818 | Stream Sediment | FP-R | <10 | 0.5 | 3 | <1000 | - |
| NCZ-SS-0008 | 211057 | 8070301 | Stream Sediment | FP-R | 34 | 4.5 | 199 | 23766 | 119.43 |
| NCZ-SS-0009 | 212581 | 8070446 | Stream Sediment | FP-R | <10 | 1 | 9 | <1000 | - |
| NCZ-SS-0010 | 210858 | 8068651 | Stream Sediment | FP-R | <10 | 1.5 | 16 | 2680 | 167.50 |
| NCZ-SS-0011 | 211911 | 8068872 | Stream Sediment | FP-R | <10 | 1.5 | 17 | 3468 | 204.00 |
| NCZ-SS-0012 | 212982 | 8067375 | Stream Sediment | FP-R | <10 | 0.9 | 26 | 2764 | 106.31 |
| NCZ-SS-0013 | 213456 | 8056826 | Stream Sediment | FP-R | 19 | 2 | 36 | 6176 | 171.56 |
| NCZ-SS-0014 | 212307 | 8057457 | Stream Sediment | FP-R | <10 | 0.4 | 13 | 1101 | 84.69 |
| NCZ-SS-0015 | 214332 | 8073643 | Stream Sediment | FP-R | <10 | 1.2 | 32 | 6685 | 208.91 |
| NCZ-SS-0016 | 212490 | 8075132 | Stream Sediment | FP-R | <10 | 0.6 | 13 | 2462 | 189.38 |
| NCZ-SS-0017 | 210682 | 8073901 | Stream Sediment | FP-R | <10 | 0.4 | 4 | <1000 | - |
| NCZ-SS-0018 | 214682 | 8065087 | Stream Sediment | FP-W | 14 | 1.9 | 31 | 5720 | 184.52 |
| NCZ-SS-0019 | 209951 | 8059268 | Stream Sediment | FP-W | <10 | 0.6 | 8 | 2054 | 256.75 |
| NCZ-SS-0020 | 214230 | 8065236 | Stream Sediment | FP-W | <10 | 0.7 | 21 | 3985 | 189.76 |
| NCZ-SS-0021 | 207860 | 8059724 | Stream Sediment | FP-W | 14 | 1.4 | 25 | 4268 | 170.72 |
| NCZ-SS-0022 | 206559 | 8058762 | Stream Sediment | FP-W | 18 | 2.7 | 35 | 3729 | 106.54 |
| NCZ-SS-0023 | 209395 | 8054233 | Stream Sediment | FP-W | 19 | 1.2 | 18 | 4536 | 252.00 |
| NCZ-SS-0024 | 206049 | 8055147 | Stream Sediment | FP-W | 14 | 1.4 | 21 | 2772 | 132.00 |
| NCZ-SS-0025 | 205212 | 8053796 | Stream Sediment | FP-W | <10 | 0.5 | 4 | 1342 | 335.50 |
| NCZ-SS-0026 | 205449 | 8052166 | Stream Sediment | FP-W | 13 | 3.8 | 38 | 5448 | 143.37 |
| NCZ-SS-0027 | 209341 | 8067591 | Stream Sediment | FP-W | <10 | 1.1 | 14 | 2737 | 195.50 |
| NCZ-SS-0028 | 206488 | 8066505 | Stream Sediment | FP-W | 15 | 1.2 | 19 | 2821 | 148.47 |
| NCZ-SS-0029 | 205131 | 8064217 | Stream Sediment | FP-W | 17 | 1.3 | 26 | 4476 | 172.15 |
| NCZ-SS-0030 | 205191 | 8063827 | Stream Sediment | FP-W | 19 | 1.4 | 21 | 3796 | 180.76 |
| NCZ-SS-0031 | 214605 | 8060517 | Stream Sediment | FP-W | 12 | 0.7 | 11 | 2835 | 257.73 |
| NCZ-SS-0032 | 216487 | 8058802 | Stream Sediment | FP-W | 14 | 0.5 | 8 | 1526 | 190.75 |
| NCZ-SS-0033 | 215945 | 8056070 | Stream Sediment | FP-W | 29 | 1.9 | 109 | 21383 | 196.17 |
| NCZ-SS-0034 | 217685 | 8071710 | Stream Sediment | FP-W | <10 | 1 | 15 | 2868 | 191.20 |

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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0035 to NCZ-SS-0068

ATLANTICO ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0035 | 219783 | 8071543 | Stream Sediment | FP-W | 218.61 | 41.29 | 18.89 | 44 | 59.14 |
| NCZ-SS-0036 | 216305 | 8070899 | Stream Sediment | FP-W | 471.61 | 89.39 | 18.95 | 36 | 48.39 |
| NCZ-SS-0037 | 214657 | 8068652 | Stream Sediment | FP-W | 733.24 | 146.39 | 19.96 | 29 | 38.98 |
| NCZ-SS-0038 | 215525 | 8066506 | Stream Sediment | FP-W | 401.33 | 75.18 | 18.73 | 38 | 51.08 |
| NCZ-SS-0039 | 213063 | 8074506 | Stream Sediment | FP-W | 160.75 | 30.61 | 19.04 | 39 | 52.42 |
| NCZ-SS-0040 | 211976 | 8074039 | Stream Sediment | FP-W | 162.79 | 25.35 | 15.57 | 49 | 65.87 |
| NCZ-SS-0041 | 211398 | 8075169 | Stream Sediment | FP-W | 612.43 | 133.26 | 21.76 | 38 | 51.08 |
| NCZ-SS-0042 | 216001 | 8064997 | Stream Sediment | FP-W | 1,030.60 | 205.76 | 19.96 | 34 | 45.70 |
| NCZ-SS-0043 | 217749 | 8070235 | Stream Sediment | FP-W | 501.25 | 99.28 | 19.81 | 18 | 24.20 |
| NCZ-SS-0044 | 209858 | 8073579 | Stream Sediment | FP-W | 441.78 | 89.30 | 20.21 | 44 | 59.14 |
| NCZ-SS-0045 | 209240 | 8074019 | Stream Sediment | FP-W | 150.05 | 29.44 | 19.62 | 51 | 68.55 |
| NCZ-SS-0046 | 208998 | 8065683 | Stream Sediment | FP-W | 211.62 | 35.21 | 16.64 | 42 | 56.46 |
| NCZ-SS-0047 | 208531 | 8065173 | Stream Sediment | FP-W | 561.44 | 123.50 | 22.00 | 37 | 49.74 |
| NCZ-SS-0048 | 205757 | 8057948 | Stream Sediment | FP-W | 262.56 | 37.58 | 14.31 | 46 | 61.83 |
| NCZ-SS-0049 | 207927 | 8054742 | Stream Sediment | FP-W | 1,215.06 | 235.04 | 19.34 | 24 | 32.26 |
| NCZ-SS-0050 | 213417 | 8052824 | Stream Sediment | FP-W | 477.41 | 88.99 | 18.64 | 33 | 44.36 |
| NCZ-SS-0051 | 212375 | 8056120 | Stream Sediment | FP-W | 385.92 | 70.09 | 18.16 | 51 | 68.55 |
| NCZ-SS-0052 | 217523 | 8058138 | Stream Sediment | FP-W | 660.80 | 117.81 | 17.83 | 43 | 57.80 |
| NCZ-SS-0053 | 217111 | 8058719 | Stream Sediment | FP-W | 185.75 | 34.43 | 18.53 | 49 | 65.87 |
| NCZ-SS-0054 | 216535 | 8059787 | Stream Sediment | FP-W | 1,173.82 | 228.11 | 19.43 | 23 | 30.92 |
| NCZ-SS-0055 | 216845 | 8062122 | Stream Sediment | FP-W | 379.83 | 70.09 | 18.45 | 42 | 56.46 |
| NCZ-SS-0056 | 218160 | 8061952 | Stream Sediment | FP-W | 564.13 | 111.16 | 19.70 | 25 | 33.61 |
| NCZ-SS-0057 | 218664 | 8060884 | Stream Sediment | FP-W | 418.98 | 75.95 | 18.13 | 46 | 61.83 |
| NCZ-SS-0058 | 217449 | 8062344 | Stream Sediment | FP-W | 415.84 | 78.19 | 18.80 | 44 | 59.14 |
| NCZ-SS-0059 | 216010 | 8062683 | Stream Sediment | FP-W | 1,097.39 | 206.36 | 18.81 | 34 | 45.70 |
| NCZ-SS-0060 | 208711 | 8057243 | Stream Sediment | FP-W | 241.54 | 41.97 | 17.38 | 36 | 48.39 |
| NCZ-SS-0061 | 206579 | 8062437 | Stream Sediment | FP-W | 492.03 | 110.31 | 22.42 | 34 | 45.70 |
| NCZ-SS-0062 | 206036 | 8051917 | Stream Sediment | FP-W | 274.37 | 50.73 | 18.49 | 39 | 52.42 |
| NCZ-SS-0063 | 206771 | 8053132 | Stream Sediment | FP-W | 170.01 | 23.41 | 13.77 | 48 | 64.52 |
| NCZ-SS-0064 | 216820 | 8072768 | Stream Sediment | FP-W | 770.56 | 156.87 | 20.36 | 26 | 34.95 |
| NCZ-SS-0065 | 208436 | 8051256 | Stream Sediment | FP-W | 134.05 | 20.80 | 15.51 | 48 | 64.52 |
| NCZ-SS-0066 | 208709 | 8054388 | Stream Sediment | FP-W | 1,397.10 | 268.63 | 19.23 | 14 | 18.82 |
| NCZ-SS-0067 | 206854 | 8056501 | Stream Sediment | FP-W | 540.08 | 98.21 | 18.18 | 37 | 49.74 |
| NCZ-SS-0068 | 207190 | 8057659 | Stream Sediment | FP-W | 412.28 | 73.51 | 17.83 | 40 | 53.77 |

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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0035 to NCZ-SS-0068

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0035 | 219783 | 8071543 | Stream Sediment | FP-W | 27.76 | 9.33 | 3.62 | 0.59 | 37.09 | 4.20 |
| NCZ-SS-0036 | 216305 | 8070899 | Stream Sediment | FP-W | 62.40 | 21.63 | 4.24 | 1.13 | 84.03 | 5.36 |
| NCZ-SS-0037 | 214657 | 8068652 | Stream Sediment | FP-W | 103.34 | 33.89 | 7.36 | 1.80 | 137.23 | 9.16 |
| NCZ-SS-0038 | 215525 | 8066506 | Stream Sediment | FP-W | 51.20 | 17.64 | 5.20 | 1.14 | 68.84 | 6.34 |
| NCZ-SS-0039 | 213063 | 8074506 | Stream Sediment | FP-W | 21.11 | 7.27 | 1.87 | 0.35 | 28.39 | 2.22 |
| NCZ-SS-0040 | 211976 | 8074039 | Stream Sediment | FP-W | 17.03 | 6.57 | 1.48 | 0.27 | 23.60 | 1.75 |
| NCZ-SS-0041 | 211398 | 8075169 | Stream Sediment | FP-W | 95.88 | 27.85 | 8.00 | 1.53 | 123.73 | 9.53 |
| NCZ-SS-0042 | 216001 | 8064997 | Stream Sediment | FP-W | 144.17 | 48.21 | 10.93 | 2.46 | 192.37 | 13.38 |
| NCZ-SS-0043 | 217749 | 8070235 | Stream Sediment | FP-W | 68.70 | 24.12 | 5.08 | 1.38 | 92.82 | 6.46 |
| NCZ-SS-0044 | 209858 | 8073579 | Stream Sediment | FP-W | 62.75 | 19.74 | 5.80 | 1.01 | 82.49 | 6.81 |
| NCZ-SS-0045 | 209240 | 8074019 | Stream Sediment | FP-W | 20.18 | 6.69 | 2.18 | 0.39 | 26.87 | 2.57 |
| NCZ-SS-0046 | 208998 | 8065683 | Stream Sediment | FP-W | 21.58 | 8.02 | 4.87 | 0.74 | 29.60 | 5.61 |
| NCZ-SS-0047 | 208531 | 8065173 | Stream Sediment | FP-W | 85.73 | 25.52 | 10.24 | 2.01 | 111.25 | 12.25 |
| NCZ-SS-0048 | 205757 | 8057948 | Stream Sediment | FP-W | 20.53 | 6.46 | 9.28 | 1.31 | 26.99 | 10.59 |
| NCZ-SS-0049 | 207927 | 8054742 | Stream Sediment | FP-W | 155.60 | 49.87 | 25.12 | 4.45 | 205.47 | 29.57 |
| NCZ-SS-0050 | 213417 | 8052824 | Stream Sediment | FP-W | 59.25 | 20.19 | 8.14 | 1.41 | 79.44 | 9.55 |
| NCZ-SS-0051 | 212375 | 8056120 | Stream Sediment | FP-W | 46.42 | 15.03 | 7.33 | 1.31 | 61.45 | 8.64 |
| NCZ-SS-0052 | 217523 | 8058138 | Stream Sediment | FP-W | 75.93 | 25.52 | 14.05 | 2.32 | 101.45 | 16.36 |
| NCZ-SS-0053 | 217111 | 8058719 | Stream Sediment | FP-W | 22.51 | 7.52 | 3.78 | 0.62 | 30.03 | 4.40 |
| NCZ-SS-0054 | 216535 | 8059787 | Stream Sediment | FP-W | 150.00 | 49.14 | 24.57 | 4.40 | 199.14 | 28.97 |
| NCZ-SS-0055 | 216845 | 8062122 | Stream Sediment | FP-W | 43.62 | 16.37 | 8.47 | 1.62 | 59.99 | 10.09 |
| NCZ-SS-0056 | 218160 | 8061952 | Stream Sediment | FP-W | 71.85 | 23.93 | 13.27 | 2.11 | 95.78 | 15.37 |
| NCZ-SS-0057 | 218664 | 8060884 | Stream Sediment | FP-W | 49.81 | 15.26 | 9.40 | 1.48 | 65.06 | 10.88 |
| NCZ-SS-0058 | 217449 | 8062344 | Stream Sediment | FP-W | 52.72 | 19.15 | 5.21 | 1.11 | 71.87 | 6.32 |
| NCZ-SS-0059 | 216010 | 8062683 | Stream Sediment | FP-W | 133.79 | 43.71 | 24.55 | 4.32 | 177.50 | 28.87 |
| NCZ-SS-0060 | 208711 | 8057243 | Stream Sediment | FP-W | 26.36 | 9.16 | 5.55 | 0.89 | 35.52 | 6.45 |
| NCZ-SS-0061 | 206579 | 8062437 | Stream Sediment | FP-W | 74.77 | 22.01 | 11.40 | 2.13 | 96.78 | 13.53 |
| NCZ-SS-0062 | 206036 | 8051917 | Stream Sediment | FP-W | 34.76 | 11.21 | 3.97 | 0.79 | 45.97 | 4.76 |
| NCZ-SS-0063 | 206771 | 8053132 | Stream Sediment | FP-W | 13.41 | 4.94 | 4.43 | 0.62 | 18.36 | 5.05 |
| NCZ-SS-0064 | 216820 | 8072768 | Stream Sediment | FP-W | 110.69 | 36.22 | 7.80 | 2.15 | 146.91 | 9.96 |
| NCZ-SS-0065 | 208436 | 8051256 | Stream Sediment | FP-W | 12.95 | 4.87 | 2.59 | 0.39 | 17.82 | 2.98 |
| NCZ-SS-0066 | 208709 | 8054388 | Stream Sediment | FP-W | 179.51 | 58.92 | 25.35 | 4.85 | 238.43 | 30.20 |
| NCZ-SS-0067 | 206854 | 8056501 | Stream Sediment | FP-W | 66.60 | 24.12 | 6.19 | 1.31 | 90.72 | 7.49 |
| NCZ-SS-0068 | 207190 | 8057659 | Stream Sediment | FP-W | 48.64 | 15.63 | 7.85 | 1.39 | 64.27 | 9.24 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0035 to NCZ-SS-0068

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0035 | 219783 | 8071543 | Stream Sediment | FP-W | 11 | 0.7 | 38 | 7430 | 195.53 |
| NCZ-SS-0036 | 216305 | 8070899 | Stream Sediment | FP-W | 15 | 2.2 | 116 | 12436 | 107.21 |
| NCZ-SS-0037 | 214657 | 8068652 | Stream Sediment | FP-W | 24 | 2.8 | 70 | 12604 | 180.06 |
| NCZ-SS-0038 | 215525 | 8066506 | Stream Sediment | FP-W | <10 | 0.8 | 18 | 3827 | 212.61 |
| NCZ-SS-0039 | 213063 | 8074506 | Stream Sediment | FP-W | <10 | 0.5 | 10 | 2261 | 226.10 |
| NCZ-SS-0040 | 211976 | 8074039 | Stream Sediment | FP-W | <10 | 0.5 | 12 | 2446 | 203.83 |
| NCZ-SS-0041 | 211398 | 8075169 | Stream Sediment | FP-W | 13 | 12.6 | 134 | 7704 | 57.49 |
| NCZ-SS-0042 | 216001 | 8064997 | Stream Sediment | FP-W | 12 | 1.3 | 22 | 3268 | 148.55 |
| NCZ-SS-0043 | 217749 | 8070235 | Stream Sediment | FP-W | <10 | 0.9 | 9 | 2241 | 249.00 |
| NCZ-SS-0044 | 209858 | 8073579 | Stream Sediment | FP-W | 22 | 1.3 | 31 | 5999 | 193.52 |
| NCZ-SS-0045 | 209240 | 8074019 | Stream Sediment | FP-W | 13 | 0.7 | 13 | 2728 | 209.85 |
| NCZ-SS-0046 | 208998 | 8065683 | Stream Sediment | FP-W | <10 | 0.6 | 11 | 2170 | 197.27 |
| NCZ-SS-0047 | 208531 | 8065173 | Stream Sediment | FP-W | 14 | 2.4 | 48 | 8220 | 171.25 |
| NCZ-SS-0048 | 205757 | 8057948 | Stream Sediment | FP-W | 19 | 1.1 | 16 | 2478 | 154.88 |
| NCZ-SS-0049 | 207927 | 8054742 | Stream Sediment | FP-W | 28 | 4.2 | 98 | 17525 | 178.83 |
| NCZ-SS-0050 | 213417 | 8052824 | Stream Sediment | FP-W | 23 | 5 | 129 | 20048 | 155.41 |
| NCZ-SS-0051 | 212375 | 8056120 | Stream Sediment | FP-W | 20 | 1.3 | 29 | 3284 | 113.24 |
| NCZ-SS-0052 | 217523 | 8058138 | Stream Sediment | FP-W | 16 | 1.2 | 29 | 6028 | 207.86 |
| NCZ-SS-0053 | 217111 | 8058719 | Stream Sediment | FP-W | 23 | 1.6 | 30 | 4751 | 158.37 |
| NCZ-SS-0054 | 216535 | 8059787 | Stream Sediment | FP-W | 14 | 1 | 29 | 6366 | 219.52 |
| NCZ-SS-0055 | 216845 | 8062122 | Stream Sediment | FP-W | 28 | 1.7 | 37 | 6600 | 178.38 |
| NCZ-SS-0056 | 218160 | 8061952 | Stream Sediment | FP-W | <10 | 0.6 | 6 | 1481 | 246.83 |
| NCZ-SS-0057 | 218664 | 8060884 | Stream Sediment | FP-W | <10 | 1.1 | 21 | 3449 | 164.24 |
| NCZ-SS-0058 | 217449 | 8062344 | Stream Sediment | FP-W | <10 | 1.3 | 14 | 2433 | 173.79 |
| NCZ-SS-0059 | 216010 | 8062683 | Stream Sediment | FP-W | 24 | 1.9 | 56 | 14545 | 259.73 |
| NCZ-SS-0060 | 208711 | 8057243 | Stream Sediment | FP-W | <10 | 0.6 | 11 | 3080 | 280.00 |
| NCZ-SS-0061 | 206579 | 8062437 | Stream Sediment | FP-W | 44 | 5.6 | 222 | 29907 | 134.72 |
| NCZ-SS-0062 | 206036 | 8051917 | Stream Sediment | FP-W | 21 | 3.1 | 53 | 4819 | 90.92 |
| NCZ-SS-0063 | 206771 | 8053132 | Stream Sediment | FP-W | 10 | 1.4 | 10 | 2442 | 244.20 |
| NCZ-SS-0064 | 216820 | 8072768 | Stream Sediment | FP-W | <10 | 1.3 | 54 | 8952 | 165.78 |
| NCZ-SS-0065 | 208436 | 8051256 | Stream Sediment | FP-W | 18 | 1.2 | 26 | 4033 | 155.12 |
| NCZ-SS-0066 | 208709 | 8054388 | Stream Sediment | FP-W | 20 | 2.6 | 77 | 18808 | 244.26 |
| NCZ-SS-0067 | 206854 | 8056501 | Stream Sediment | FP-W | 22 | 2.9 | 82 | 14566 | 177.63 |
| NCZ-SS-0068 | 207190 | 8057659 | Stream Sediment | FP-W | 33 | 6.3 | 163 | 24130 | 148.04 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0069 to NCZ-SS-0102

ATLANTICO ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0069 | 209019 | 8059558 | Stream Sediment | FP-W | 248.79 | 47.49 | 19.09 | 62 | 83.34 |
| NCZ-SS-0070 | 209737 | 8057222 | Stream Sediment | FP-W | 243.73 | 44.63 | 18.31 | 44 | 59.14 |
| NCZ-SS-0071 | 208223 | 8066270 | Stream Sediment | FP-W | 416.33 | 72.98 | 17.53 | 42 | 56.46 |
| NCZ-SS-0072 | 205558 | 8063197 | Stream Sediment | FP-W | 244.30 | 45.83 | 18.76 | 40 | 53.77 |
| NCZ-SS-0073 | 205227 | 8066818 | Stream Sediment | FP-W | 322.95 | 49.76 | 15.41 | 49 | 65.87 |
| NCZ-SS-0074 | 205608 | 8066337 | Stream Sediment | FP-W | 385.79 | 73.30 | 19.00 | 54 | 72.59 |
| NCZ-SS-0075 | 209299 | 8066180 | Stream Sediment | FP-W | 278.66 | 52.03 | 18.67 | 50 | 67.21 |
| NCZ-SS-0076 | 209515 | 8064664 | Stream Sediment | FP-W | 152.24 | 26.48 | 17.39 | 44 | 59.14 |
| NCZ-SS-0077 | 210474 | 8063940 | Stream Sediment | FP-W | 347.07 | 67.16 | 19.35 | 41 | 55.11 |
| NCZ-SS-0078 | 210955 | 8064917 | Stream Sediment | FP-W | 154.57 | 25.85 | 16.73 | 55 | 73.93 |
| NCZ-SS-0079 | 212822 | 8064734 | Stream Sediment | FP-W | 1,192.28 | 246.41 | 20.67 | 33 | 44.36 |
| NCZ-SS-0080 | 211279 | 8073429 | Stream Sediment | FP-W | 415.76 | 88.78 | 21.35 | 35 | 47.05 |
| NCZ-SS-0081 | 207529 | 8064490 | Stream Sediment | FP-W | 450.16 | 89.64 | 19.91 | 40 | 53.77 |
| NCZ-SS-0082 | 208444 | 8062491 | Stream Sediment | FP-W | 289.97 | 51.74 | 17.84 | 53 | 71.24 |
| NCZ-SS-0083 | 209876 | 8062134 | Stream Sediment | FP-W | 264.86 | 53.46 | 20.18 | 50 | 67.21 |
| NCZ-SS-0084 | 210848 | 8067503 | Stream Sediment | FP-W | 180.96 | 29.76 | 16.44 | 53 | 71.24 |
| NCZ-SS-0085 | 212468 | 8059274 | Stream Sediment | FP-W | 485.84 | 97.37 | 20.04 | 36 | 48.39 |
| NCZ-SS-0086 | 214638 | 8056240 | Stream Sediment | FP-W | 1,024.22 | 207.77 | 20.29 | 49 | 65.87 |
| NCZ-SS-0087 | 214729 | 8056606 | Stream Sediment | FP-W | 885.56 | 183.59 | 20.73 | 36 | 48.39 |
| NCZ-SS-0088 | 212552 | 8069092 | Stream Sediment | FP-W | 172.03 | 31.17 | 18.12 | 51 | 68.55 |
| NCZ-SS-0089 | 211439 | 8058108 | Stream Sediment | FP-W | 1,086.67 | 233.66 | 21.50 | 36 | 48.39 |
| NCZ-SS-0090 | 208951 | 8053002 | Stream Sediment | FP-W | 282.36 | 49.86 | 17.66 | 45 | 60.49 |
| NCZ-SS-0091 | 210935 | 8063456 | Stream Sediment | FP-W | 960.83 | 208.21 | 21.67 | 35 | 47.05 |
| NCZ-SS-0092 | 211603 | 8063419 | Stream Sediment | FP-W | 345.36 | 67.60 | 19.58 | 46 | 61.83 |
| NCZ-SS-0093 | 211323 | 8064296 | Stream Sediment | FP-W | 322.40 | 57.88 | 17.95 | 51 | 68.55 |
| NCZ-SS-0094 | 211800 | 8066591 | Stream Sediment | FP-W | 213.29 | 40.23 | 18.86 | 44 | 59.14 |
| NCZ-SS-0095 | 208599 | 8061599 | Stream Sediment | FP-W | 249.13 | 52.15 | 20.93 | 58 | 77.96 |
| NCZ-SS-0096 | 216160 | 8069859 | Stream Sediment | FP-W | 891.22 | 207.70 | 23.31 | 33 | 44.36 |
| NCZ-SS-0097 | 214437 | 8061176 | Stream Sediment | FP-W | 523.92 | 109.71 | 20.94 | 48 | 64.52 |
| NCZ-SS-0098 | 215493 | 8060157 | Stream Sediment | FP-W | 174.98 | 26.05 | 14.89 | 61 | 82.00 |
| NCZ-SS-0099 | 213786 | 8062144 | Stream Sediment | FP-W | 483.28 | 102.22 | 21.15 | 34 | 45.70 |
| NCZ-SS-0100 | 211208 | 8060705 | Stream Sediment | FP-W | 213.18 | 45.99 | 21.57 | 49 | 65.87 |
| NCZ-SS-0101 | 212011 | 8060875 | Stream Sediment | FP-W | 224.25 | 50.50 | 22.52 | 51 | 68.55 |
| NCZ-SS-0102 | 213721 | 8063397 | Stream Sediment | FP-W | 32.79 | 5.39 | 16.43 | 6 | 8.07 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0069 to NCZ-SS-0102

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0069 | 209019 | 8059558 | Stream Sediment | FP-W | 31.26 | 9.58 | 5.82 | 0.84 | 40.84 | 6.65 |
| NCZ-SS-0070 | 209737 | 8057222 | Stream Sediment | FP-W | 29.28 | 9.40 | 5.16 | 0.79 | 38.68 | 5.95 |
| NCZ-SS-0071 | 208223 | 8066270 | Stream Sediment | FP-W | 41.64 | 12.44 | 16.71 | 2.19 | 54.08 | 18.90 |
| NCZ-SS-0072 | 205558 | 8063197 | Stream Sediment | FP-W | 29.51 | 9.42 | 6.01 | 0.88 | 38.93 | 6.90 |
| NCZ-SS-0073 | 205227 | 8066818 | Stream Sediment | FP-W | 27.18 | 8.76 | 12.25 | 1.58 | 35.94 | 13.82 |
| NCZ-SS-0074 | 205608 | 8066337 | Stream Sediment | FP-W | 48.87 | 17.54 | 5.96 | 0.93 | 66.42 | 6.89 |
| NCZ-SS-0075 | 209299 | 8066180 | Stream Sediment | FP-W | 34.99 | 11.68 | 4.61 | 0.74 | 46.68 | 5.35 |
| NCZ-SS-0076 | 209515 | 8064664 | Stream Sediment | FP-W | 18.43 | 6.14 | 1.63 | 0.28 | 24.57 | 1.91 |
| NCZ-SS-0077 | 210474 | 8063940 | Stream Sediment | FP-W | 45.37 | 13.76 | 6.85 | 1.18 | 59.13 | 8.03 |
| NCZ-SS-0078 | 210955 | 8064917 | Stream Sediment | FP-W | 17.38 | 5.59 | 2.49 | 0.39 | 22.97 | 2.88 |
| NCZ-SS-0079 | 212822 | 8064734 | Stream Sediment | FP-W | 166.33 | 50.14 | 25.61 | 4.34 | 216.47 | 29.95 |
| NCZ-SS-0080 | 211279 | 8073429 | Stream Sediment | FP-W | 63.92 | 19.40 | 4.57 | 0.89 | 83.32 | 5.46 |
| NCZ-SS-0081 | 207529 | 8064490 | Stream Sediment | FP-W | 59.95 | 18.70 | 9.48 | 1.51 | 78.66 | 10.99 |
| NCZ-SS-0082 | 208444 | 8062491 | Stream Sediment | FP-W | 34.53 | 10.85 | 5.49 | 0.88 | 45.38 | 6.37 |
| NCZ-SS-0083 | 209876 | 8062134 | Stream Sediment | FP-W | 36.39 | 11.82 | 4.53 | 0.72 | 48.21 | 5.25 |
| NCZ-SS-0084 | 210848 | 8067503 | Stream Sediment | FP-W | 20.06 | 6.09 | 3.11 | 0.49 | 26.15 | 3.60 |
| NCZ-SS-0085 | 212468 | 8059274 | Stream Sediment | FP-W | 64.39 | 19.77 | 11.36 | 1.86 | 84.15 | 13.22 |
| NCZ-SS-0086 | 214638 | 8056240 | Stream Sediment | FP-W | 150.70 | 46.75 | 8.49 | 1.83 | 197.44 | 10.33 |
| NCZ-SS-0087 | 214729 | 8056606 | Stream Sediment | FP-W | 130.29 | 41.10 | 10.20 | 2.00 | 171.39 | 12.20 |
| NCZ-SS-0088 | 212552 | 8069092 | Stream Sediment | FP-W | 21.23 | 6.95 | 2.56 | 0.44 | 28.18 | 2.99 |
| NCZ-SS-0089 | 211439 | 8058108 | Stream Sediment | FP-W | 168.31 | 51.09 | 11.78 | 2.48 | 219.41 | 14.26 |
| NCZ-SS-0090 | 208951 | 8053002 | Stream Sediment | FP-W | 29.74 | 9.40 | 9.43 | 1.28 | 39.14 | 10.72 |
| NCZ-SS-0091 | 210935 | 8063456 | Stream Sediment | FP-W | 144.05 | 41.38 | 19.32 | 3.46 | 185.43 | 22.77 |
| NCZ-SS-0092 | 211603 | 8063419 | Stream Sediment | FP-W | 45.26 | 12.98 | 8.17 | 1.20 | 58.23 | 9.37 |
| NCZ-SS-0093 | 211323 | 8064296 | Stream Sediment | FP-W | 39.54 | 12.18 | 5.34 | 0.82 | 51.72 | 6.16 |
| NCZ-SS-0094 | 211800 | 8066591 | Stream Sediment | FP-W | 26.59 | 9.38 | 3.70 | 0.56 | 35.97 | 4.26 |
| NCZ-SS-0095 | 208599 | 8061599 | Stream Sediment | FP-W | 36.86 | 11.27 | 3.47 | 0.55 | 48.13 | 4.02 |
| NCZ-SS-0096 | 216160 | 8069859 | Stream Sediment | FP-W | 152.10 | 44.22 | 9.07 | 2.32 | 196.32 | 11.38 |
| NCZ-SS-0097 | 214437 | 8061176 | Stream Sediment | FP-W | 72.43 | 22.01 | 13.03 | 2.23 | 94.45 | 15.26 |
| NCZ-SS-0098 | 215493 | 8060157 | Stream Sediment | FP-W | 12.60 | 4.39 | 8.10 | 0.96 | 16.98 | 9.07 |
| NCZ-SS-0099 | 213786 | 8062144 | Stream Sediment | FP-W | 69.75 | 21.11 | 9.63 | 1.73 | 90.86 | 11.36 |
| NCZ-SS-0100 | 211208 | 8060705 | Stream Sediment | FP-W | 32.54 | 10.25 | 2.69 | 0.52 | 42.79 | 3.20 |
| NCZ-SS-0101 | 212011 | 8060875 | Stream Sediment | FP-W | 35.23 | 10.97 | 3.67 | 0.64 | 46.20 | 4.31 |
| NCZ-SS-0102 | 213721 | 8063397 | Stream Sediment | FP-W | 3.73 | 1.17 | 0.41 | 0.07 | 4.90 | 0.48 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0069 to NCZ-SS-0102

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0069 | 209019 | 8059558 | Stream Sediment | FP-W | <10 | 0.5 | 7 | <1000 | - |
| NCZ-SS-0070 | 209737 | 8057222 | Stream Sediment | FP-W | <10 | 0.5 | 22 | 5505 | 250.23 |
| NCZ-SS-0071 | 208223 | 8066270 | Stream Sediment | FP-W | <10 | 2.2 | 36 | 3578 | 99.39 |
| NCZ-SS-0072 | 205558 | 8063197 | Stream Sediment | FP-W | 13 | 0.6 | 6 | 1176 | 196.00 |
| NCZ-SS-0073 | 205227 | 8066818 | Stream Sediment | FP-W | 15 | 0.6 | 10 | 1406 | 140.60 |
| NCZ-SS-0074 | 205608 | 8066337 | Stream Sediment | FP-W | 12 | 1.1 | 12 | 1240 | 103.33 |
| NCZ-SS-0075 | 209299 | 8066180 | Stream Sediment | FP-W | <10 | 0.6 | 9 | 1422 | 158.00 |
| NCZ-SS-0076 | 209515 | 8064664 | Stream Sediment | FP-W | 12 | 0.7 | 12 | 2119 | 176.58 |
| NCZ-SS-0077 | 210474 | 8063940 | Stream Sediment | FP-W | 12 | 0.9 | 17 | 3269 | 192.29 |
| NCZ-SS-0078 | 210955 | 8064917 | Stream Sediment | FP-W | <10 | 0.3 | 4 | <1000 | - |
| NCZ-SS-0079 | 212822 | 8064734 | Stream Sediment | FP-W | <10 | 1.1 | 27 | 6292 | 233.04 |
| NCZ-SS-0080 | 211279 | 8073429 | Stream Sediment | FP-W | 23 | 1.8 | 41 | 7313 | 178.37 |
| NCZ-SS-0081 | 207529 | 8064490 | Stream Sediment | FP-W | 17 | 2.7 | 82 | 12402 | 151.24 |
| NCZ-SS-0082 | 208444 | 8062491 | Stream Sediment | FP-W | 11 | 0.6 | 10 | 1306 | 130.60 |
| NCZ-SS-0083 | 209876 | 8062134 | Stream Sediment | FP-W | <10 | 0.8 | 7 | 1079 | 154.14 |
| NCZ-SS-0084 | 210848 | 8067503 | Stream Sediment | FP-W | <10 | 1.1 | 15 | 2042 | 136.13 |
| NCZ-SS-0085 | 212468 | 8059274 | Stream Sediment | FP-W | 11 | 1.2 | 20 | 3692 | 184.60 |
| NCZ-SS-0086 | 214638 | 8056240 | Stream Sediment | FP-W | 71 | 2.9 | 98 | 10264 | 104.73 |
| NCZ-SS-0087 | 214729 | 8056606 | Stream Sediment | FP-W | 60 | 4.7 | 145 | 23790 | 164.07 |
| NCZ-SS-0088 | 212552 | 8069092 | Stream Sediment | FP-W | 13 | 1.5 | 17 | 1997 | 117.47 |
| NCZ-SS-0089 | 211439 | 8058108 | Stream Sediment | FP-W | 14 | 2.3 | 65 | 7389 | 113.68 |
| NCZ-SS-0090 | 208951 | 8053002 | Stream Sediment | FP-W | 16 | 1.5 | 49 | 5408 | 110.37 |
| NCZ-SS-0091 | 210935 | 8063456 | Stream Sediment | FP-W | 15 | 2.8 | 36 | 5707 | 158.53 |
| NCZ-SS-0092 | 211603 | 8063419 | Stream Sediment | FP-W | 14 | 0.7 | 19 | 2334 | 122.84 |
| NCZ-SS-0093 | 211323 | 8064296 | Stream Sediment | FP-W | <10 | 0.8 | 11 | 1256 | 114.18 |
| NCZ-SS-0094 | 211800 | 8066591 | Stream Sediment | FP-W | <10 | 0.9 | 19 | 2582 | 135.89 |
| NCZ-SS-0095 | 208599 | 8061599 | Stream Sediment | FP-W | <10 | 0.5 | 4 | <1000 | - |
| NCZ-SS-0096 | 216160 | 8069859 | Stream Sediment | FP-W | 15 | 2.3 | 67 | 11732 | 175.10 |
| NCZ-SS-0097 | 214437 | 8061176 | Stream Sediment | FP-W | 17 | 2.4 | 33 | 7408 | 224.48 |
| NCZ-SS-0098 | 215493 | 8060157 | Stream Sediment | FP-W | <10 | 0.4 | 11 | 1352 | 122.91 |
| NCZ-SS-0099 | 213786 | 8062144 | Stream Sediment | FP-W | <10 | 1.1 | 19 | 4093 | 215.42 |
| NCZ-SS-0100 | 211208 | 8060705 | Stream Sediment | FP-W | <10 | 0.9 | 12 | 1646 | 137.17 |
| NCZ-SS-0101 | 212011 | 8060875 | Stream Sediment | FP-W | 12 | 0.9 | 13 | 1687 | 129.77 |
| NCZ-SS-0102 | 213721 | 8063397 | Stream Sediment | FP-W | <10 | 0.3 | 4 | <1000 | - |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0103 to NCZ-SS-0136

ATLANTICO ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0103 | 212458 | 8062976 | Stream Sediment | FP-W | 355.57 | 74.56 | 20.97 | 46 | 61.83 |
| NCZ-SS-0104 | 214641 | 8063519 | Stream Sediment | FP-W | 368.39 | 65.97 | 17.91 | 48 | 64.52 |
| NCZ-SS-0105 | 214774 | 8063422 | Stream Sediment | FP-W | 288.70 | 49.24 | 17.06 | 49 | 65.87 |
| NCZ-SS-0106 | 216024 | 8061336 | Stream Sediment | FP-W | 386.56 | 76.91 | 19.90 | 44 | 59.14 |
| NCZ-SS-0107 | 215954 | 8062404 | Stream Sediment | FP-W | 1,325.63 | 268.45 | 20.25 | 39 | 52.42 |
| NCZ-SS-0108 | 206023 | 8065757 | Stream Sediment | FP-W | 372.79 | 67.87 | 18.21 | 44 | 59.14 |
| NCZ-SS-0109 | 213751 | 8055989 | Stream Sediment | FP-W | 399.61 | 84.41 | 21.12 | 33 | 44.36 |
| NCZ-SS-0110 | 208123 | 8056389 | Stream Sediment | FP-W | 355.40 | 64.90 | 18.26 | 48 | 64.52 |
| NCZ-SS-0111 | 207857 | 8056500 | Stream Sediment | FP-W | 451.44 | 97.08 | 21.51 | 43 | 57.80 |
| NCZ-SS-0112 | 211399 | 8052889 | Stream Sediment | FP-W | 260.35 | 47.80 | 18.36 | 56 | 75.28 |
| NCZ-SS-0113 | 211813 | 8054159 | Stream Sediment | FP-W | 1,156.28 | 227.23 | 19.65 | 22 | 29.57 |
| NCZ-SS-0114 | 212366 | 8062266 | Stream Sediment | FP-W | 433.81 | 76.95 | 17.74 | 44 | 59.14 |
| NCZ-SS-0115 | 213302 | 8066426 | Stream Sediment | FP-W | 401.45 | 81.80 | 20.38 | 46 | 61.83 |
| NCZ-SS-0116 | 214616 | 8057493 | Stream Sediment | FP-W | 655.77 | 135.75 | 20.70 | 35 | 47.05 |
| NCZ-SS-0117 | 214722 | 8057984 | Stream Sediment | FP-W | 371.32 | 74.75 | 20.13 | 37 | 49.74 |
| NCZ-SS-0118 | 206427 | 8063616 | Stream Sediment | FP-W | 600.01 | 103.75 | 17.29 | 44 | 59.14 |
| NCZ-SS-0119 | 207225 | 8063690 | Stream Sediment | FP-W | 455.70 | 86.62 | 19.01 | 44 | 59.14 |
| NCZ-SS-0120 | 209137 | 8058435 | Stream Sediment | FP-W | 288.95 | 58.27 | 20.16 | 76 | 102.16 |
| NCZ-SS-0121 | 211606 | 8074437 | Stream Sediment | FP-W | 257.02 | 54.81 | 21.33 | 40 | 53.77 |
| NCZ-SS-0122 | 211032 | 8074803 | Stream Sediment | FP-W | 350.38 | 75.66 | 21.60 | 42 | 56.46 |
| NCZ-SS-0123 | 213037 | 8073347 | Stream Sediment | FP-W | 274.20 | 53.05 | 19.35 | 39 | 52.42 |
| NCZ-SS-0124 | 205802 | 8057197 | Stream Sediment | FP-C* | 210.27 | 40.61 | 19.31 | 41 | 55.11 |
| NCZ-SS-0125 | 209298 | 8072802 | Stream Sediment | FP-C* | 415.32 | 92.91 | 22.37 | 41 | 55.11 |
| NCZ-SS-0126 | 207377 | 8057831 | Stream Sediment | FP-C* | 655.32 | 134.51 | 20.53 | 44 | 59.14 |
| NCZ-SS-0127 | 207713 | 8058408 | Stream Sediment | FP-C* | 976.49 | 176.19 | 18.04 | 34 | 45.70 |
| NCZ-SS-0128 | 207209 | 8057587 | Stream Sediment | FP-C* | 314.13 | 57.54 | 18.32 | 41 | 55.11 |
| NCZ-SS-0129 | 207047 | 8057100 | Stream Sediment | FP-C* | 224.98 | 42.15 | 18.74 | 44 | 59.14 |
| NCZ-SS-0130 | 210098 | 8055862 | Stream Sediment | FP-C* | 372.76 | 73.53 | 19.73 | 42 | 56.46 |
| NCZ-SS-0131 | 206467 | 8061009 | Stream Sediment | FP-C* | 390.91 | 73.76 | 18.87 | 42 | 56.46 |
| NCZ-SS-0132 | 206511 | 8060655 | Stream Sediment | FP-C* | 164.19 | 27.89 | 16.98 | 46 | 61.83 |
| NCZ-SS-0133 | 206695 | 8060010 | Stream Sediment | FP-C* | 469.11 | 90.84 | 19.36 | 40 | 53.77 |
| NCZ-SS-0134 | 206614 | 8064160 | Stream Sediment | FP-C* | 174.15 | 26.40 | 15.16 | 37 | 49.74 |
| NCZ-SS-0135 | 207239 | 8060551 | Stream Sediment | FP-C* | 615.17 | 117.14 | 19.04 | 22 | 29.57 |
| NCZ-SS-0136 | 210011 | 8065490 | Stream Sediment | FP-C* | 370.48 | 75.90 | 20.49 | 45 | 60.49 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0103 to NCZ-SS-0136

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0103 | 212458 | 8062976 | Stream Sediment | FP-W | 49.81 | 15.24 | 8.21 | 1.32 | 65.04 | 9.52 |
| NCZ-SS-0104 | 214641 | 8063519 | Stream Sediment | FP-W | 42.22 | 13.79 | 8.71 | 1.25 | 56.01 | 9.96 |
| NCZ-SS-0105 | 214774 | 8063422 | Stream Sediment | FP-W | 33.01 | 11.50 | 4.10 | 0.64 | 44.51 | 4.73 |
| NCZ-SS-0106 | 216024 | 8061336 | Stream Sediment | FP-W | 52.25 | 16.46 | 6.92 | 1.28 | 68.71 | 8.20 |
| NCZ-SS-0107 | 215954 | 8062404 | Stream Sediment | FP-W | 192.69 | 57.14 | 15.52 | 3.11 | 249.83 | 18.62 |
| NCZ-SS-0108 | 206023 | 8065757 | Stream Sediment | FP-W | 38.61 | 13.46 | 13.84 | 1.96 | 52.07 | 15.81 |
| NCZ-SS-0109 | 213751 | 8055989 | Stream Sediment | FP-W | 56.57 | 18.56 | 7.86 | 1.42 | 75.13 | 9.28 |
| NCZ-SS-0110 | 208123 | 8056389 | Stream Sediment | FP-W | 40.01 | 14.18 | 9.46 | 1.25 | 54.19 | 10.70 |
| NCZ-SS-0111 | 207857 | 8056500 | Stream Sediment | FP-W | 67.65 | 19.16 | 8.87 | 1.40 | 86.81 | 10.27 |
| NCZ-SS-0112 | 211399 | 8052889 | Stream Sediment | FP-W | 32.66 | 9.81 | 4.49 | 0.85 | 42.47 | 5.33 |
| NCZ-SS-0113 | 211813 | 8054159 | Stream Sediment | FP-W | 163.41 | 52.79 | 9.23 | 1.80 | 216.20 | 11.03 |
| NCZ-SS-0114 | 212366 | 8062266 | Stream Sediment | FP-W | 48.64 | 14.75 | 11.96 | 1.60 | 63.39 | 13.56 |
| NCZ-SS-0115 | 213302 | 8066426 | Stream Sediment | FP-W | 54.35 | 16.12 | 9.81 | 1.52 | 70.47 | 11.33 |
| NCZ-SS-0116 | 214616 | 8057493 | Stream Sediment | FP-W | 94.48 | 27.49 | 11.67 | 2.12 | 121.96 | 13.79 |
| NCZ-SS-0117 | 214722 | 8057984 | Stream Sediment | FP-W | 50.74 | 14.85 | 7.90 | 1.27 | 65.59 | 9.17 |
| NCZ-SS-0118 | 206427 | 8063616 | Stream Sediment | FP-W | 66.48 | 21.51 | 13.96 | 1.80 | 87.99 | 15.76 |
| NCZ-SS-0119 | 207225 | 8063690 | Stream Sediment | FP-W | 55.87 | 16.69 | 12.33 | 1.74 | 72.56 | 14.07 |
| NCZ-SS-0120 | 209137 | 8058435 | Stream Sediment | FP-W | 40.36 | 12.60 | 4.65 | 0.66 | 52.96 | 5.31 |
| NCZ-SS-0121 | 211606 | 8074437 | Stream Sediment | FP-W | 39.31 | 11.78 | 3.12 | 0.60 | 51.09 | 3.72 |
| NCZ-SS-0122 | 211032 | 8074803 | Stream Sediment | FP-W | 54.00 | 16.12 | 4.61 | 0.93 | 70.12 | 5.54 |
| NCZ-SS-0123 | 213037 | 8073347 | Stream Sediment | FP-W | 35.34 | 11.55 | 5.34 | 0.82 | 46.89 | 6.16 |
| NCZ-SS-0124 | 205802 | 8057197 | Stream Sediment | FP-C* | 26.83 | 8.26 | 4.80 | 0.72 | 35.09 | 5.51 |
| NCZ-SS-0125 | 209298 | 8072802 | Stream Sediment | FP-C* | 68.00 | 20.39 | 3.87 | 0.65 | 88.40 | 4.51 |
| NCZ-SS-0126 | 207377 | 8057831 | Stream Sediment | FP-C* | 89.46 | 26.77 | 15.67 | 2.61 | 116.24 | 18.28 |
| NCZ-SS-0127 | 207713 | 8058408 | Stream Sediment | FP-C* | 116.29 | 39.68 | 17.36 | 2.86 | 155.97 | 20.22 |
| NCZ-SS-0128 | 207209 | 8057587 | Stream Sediment | FP-C* | 37.44 | 12.86 | 6.32 | 0.92 | 50.30 | 7.24 |
| NCZ-SS-0129 | 207047 | 8057100 | Stream Sediment | FP-C* | 28.23 | 9.13 | 4.19 | 0.60 | 37.36 | 4.79 |
| NCZ-SS-0130 | 210098 | 8055862 | Stream Sediment | FP-C* | 51.20 | 16.06 | 5.34 | 0.93 | 67.26 | 6.27 |
| NCZ-SS-0131 | 206467 | 8061009 | Stream Sediment | FP-C* | 50.16 | 15.42 | 7.17 | 1.01 | 65.57 | 8.18 |
| NCZ-SS-0132 | 206511 | 8060655 | Stream Sediment | FP-C* | 16.91 | 5.21 | 5.07 | 0.69 | 22.12 | 5.77 |
| NCZ-SS-0133 | 206695 | 8060010 | Stream Sediment | FP-C* | 61.00 | 18.49 | 9.84 | 1.52 | 79.49 | 11.35 |
| NCZ-SS-0134 | 206614 | 8064160 | Stream Sediment | FP-C* | 13.65 | 4.59 | 7.29 | 0.87 | 18.24 | 8.16 |
| NCZ-SS-0135 | 207239 | 8060551 | Stream Sediment | FP-C* | 74.88 | 22.65 | 17.19 | 2.41 | 97.54 | 19.60 |
| NCZ-SS-0136 | 210011 | 8065490 | Stream Sediment | FP-C* | 51.79 | 14.62 | 8.33 | 1.16 | 66.41 | 9.50 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0103 to NCZ-SS-0136

ATLANTICO ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0103 | 212458 | 8062976 | Stream Sediment | FP-W | 21 | 3.6 | 51 | 6320 | 123.92 |
| NCZ-SS-0104 | 214641 | 8063519 | Stream Sediment | FP-W | <10 | 0.5 | 17 | 2622 | 154.24 |
| NCZ-SS-0105 | 214774 | 8063422 | Stream Sediment | FP-W | <10 | 0.6 | 16 | 2212 | 138.25 |
| NCZ-SS-0106 | 216024 | 8061336 | Stream Sediment | FP-W | <10 | 1.2 | 22 | 3437 | 156.23 |
| NCZ-SS-0107 | 215954 | 8062404 | Stream Sediment | FP-W | 11 | 1.5 | 35 | 3978 | 113.66 |
| NCZ-SS-0108 | 206023 | 8065757 | Stream Sediment | FP-W | 57 | 5.8 | 183 | 20854 | 113.96 |
| NCZ-SS-0109 | 213751 | 8055989 | Stream Sediment | FP-W | 19 | 2.4 | 36 | 5812 | 161.44 |
| NCZ-SS-0110 | 208123 | 8056389 | Stream Sediment | FP-W | <10 | 0.7 | 15 | 2469 | 164.60 |
| NCZ-SS-0111 | 207857 | 8056500 | Stream Sediment | FP-W | <10 | 1.3 | 36 | 6870 | 190.83 |
| NCZ-SS-0112 | 211399 | 8052889 | Stream Sediment | FP-W | <10 | 0.7 | 17 | 1927 | 113.35 |
| NCZ-SS-0113 | 211813 | 8054159 | Stream Sediment | FP-W | 18 | 2.6 | 82 | 12863 | 156.87 |
| NCZ-SS-0114 | 212366 | 8062266 | Stream Sediment | FP-W | <10 | 0.9 | 20 | 3128 | 156.40 |
| NCZ-SS-0115 | 213302 | 8066426 | Stream Sediment | FP-W | <10 | 0.8 | 13 | 1800 | 138.46 |
| NCZ-SS-0116 | 214616 | 8057493 | Stream Sediment | FP-W | 16 | 2.3 | 88 | 14217 | 161.56 |
| NCZ-SS-0117 | 214722 | 8057984 | Stream Sediment | FP-W | 16 | 2.6 | 115 | 21817 | 189.71 |
| NCZ-SS-0118 | 206427 | 8063616 | Stream Sediment | FP-W | <10 | 0.9 | 12 | 1217 | 101.42 |
| NCZ-SS-0119 | 207225 | 8063690 | Stream Sediment | FP-W | <10 | 0.4 | 11 | 1239 | 112.64 |
| NCZ-SS-0120 | 209137 | 8058435 | Stream Sediment | FP-W | <10 | 0.3 | 3 | <1000 | - |
| NCZ-SS-0121 | 211606 | 8074437 | Stream Sediment | FP-W | <10 | 0.8 | 17 | 2371 | 139.47 |
| NCZ-SS-0122 | 211032 | 8074803 | Stream Sediment | FP-W | 19 | 1.7 | 71 | 13383 | 188.49 |
| NCZ-SS-0123 | 213037 | 8073347 | Stream Sediment | FP-W | <10 | 1.5 | 22 | 2291 | 104.14 |
| NCZ-SS-0124 | 205802 | 8057197 | Stream Sediment | FP-C* | 17 | 2 | 32 | 3030 | 94.69 |
| NCZ-SS-0125 | 209298 | 8072802 | Stream Sediment | FP-C* | 34 | 4 | 74 | 10755 | 145.34 |
| NCZ-SS-0126 | 207377 | 8057831 | Stream Sediment | FP-C* | 22 | 2.3 | 66 | 10406 | 157.67 |
| NCZ-SS-0127 | 207713 | 8058408 | Stream Sediment | FP-C* | 29 | 2.3 | 134 | 23919 | 178.50 |
| NCZ-SS-0128 | 207209 | 8057587 | Stream Sediment | FP-C* | <10 | 0.8 | 11 | 1395 | 126.82 |
| NCZ-SS-0129 | 207047 | 8057100 | Stream Sediment | FP-C* | 19 | 3.6 | 75 | 8743 | 116.57 |
| NCZ-SS-0130 | 210098 | 8055862 | Stream Sediment | FP-C* | 16 | 2.5 | 55 | 9123 | 165.87 |
| NCZ-SS-0131 | 206467 | 8061009 | Stream Sediment | FP-C* | <10 | 0.9 | 21 | 3551 | 169.10 |
| NCZ-SS-0132 | 206511 | 8060655 | Stream Sediment | FP-C* | <10 | 0.8 | 9 | 1264 | 140.44 |
| NCZ-SS-0133 | 206695 | 8060010 | Stream Sediment | FP-C* | <10 | 1.4 | 14 | 1539 | 109.93 |
| NCZ-SS-0134 | 206614 | 8064160 | Stream Sediment | FP-C* | <10 | 0.7 | 6 | <1000 | - |
| NCZ-SS-0135 | 207239 | 8060551 | Stream Sediment | FP-C* | 22 | 2.6 | 49 | 8951 | 182.67 |
| NCZ-SS-0136 | 210011 | 8065490 | Stream Sediment | FP-C* | <10 | 0.8 | 14 | 1306 | 93.29 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0137 to NCZ-SS-0170

ATLANTICO ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0137 | 209562 | 8065247 | Stream Sediment | FP-C* | 499.05 | 85.15 | 17.06 | 48 | 64.52 |
| NCZ-SS-0138 | 207551 | 8065709 | Stream Sediment | FP-C* | 485.32 | 102.16 | 21.05 | 37 | 49.74 |
| NCZ-SS-0139 | 208001 | 8065815 | Stream Sediment | FP-C* | 454.96 | 101.26 | 22.26 | 40 | 53.77 |
| NCZ-SS-0140 | 206455 | 8061633 | Stream Sediment | FP-C* | 214.44 | 39.36 | 18.35 | 49 | 65.87 |
| NCZ-SS-0141 | 217321 | 8060207 | Stream Sediment | FP-C* | 379.67 | 103.95 | 27.38 | 44 | 59.14 |
| NCZ-SS-0142 | 207809 | 8050484 | Stream Sediment | FP-C* | 260.10 | 53.68 | 20.64 | 57 | 76.62 |
| NCZ-SS-0143 | 207663 | 8052100 | Stream Sediment | FP-C* | 145.85 | 31.68 | 21.72 | 49 | 65.87 |
| NCZ-SS-0144 | 208178 | 8052465 | Stream Sediment | FP-C* | 296.93 | 62.07 | 20.90 | 38 | 51.08 |
| NCZ-SS-0145 | 213686 | 8060252 | Stream Sediment | FP-C* | 577.72 | 119.99 | 20.77 | 45 | 60.49 |
| NCZ-SS-0146 | 213697 | 8058569 | Stream Sediment | FP-C* | 423.80 | 85.91 | 20.27 | 34 | 45.70 |
| NCZ-SS-0147 | 215193 | 8072626 | Stream Sediment | FP-C* | 1,427.05 | 284.40 | 19.93 | 27 | 36.29 |
| NCZ-SS-0148 | 214474 | 8071232 | Stream Sediment | FP-C* | 191.21 | 37.03 | 19.37 | 40 | 53.77 |
| NCZ-SS-0149 | 213302 | 8071207 | Stream Sediment | FP-C* | 339.03 | 68.70 | 20.26 | 35 | 47.05 |
| NCZ-SS-0150 | 210540 | 8067096 | Stream Sediment | FP-C* | 449.49 | 94.29 | 20.98 | 35 | 47.05 |
| NCZ-SS-0151 | 208505 | 8067089 | Stream Sediment | FP-C* | 327.01 | 63.63 | 19.46 | 37 | 49.74 |
| NCZ-SS-0152 | 209818 | 8069679 | Stream Sediment | FP-C* | 204.61 | 36.87 | 18.02 | 40 | 53.77 |
| NCZ-SS-0153 | 211654 | 8069987 | Stream Sediment | FP-C* | 112.71 | 22.43 | 19.90 | 44 | 59.14 |
| NCZ-SS-0154 | 212497 | 8058988 | Stream Sediment | FP-C* | 263.82 | 52.24 | 19.80 | 52 | 69.90 |
| NCZ-SS-0155 | 214407 | 8057108 | Stream Sediment | FP-C* | 437.64 | 92.24 | 21.08 | 43 | 57.80 |
| NCZ-SS-0156 | 214917 | 8055829 | Stream Sediment | FP-C* | 248.34 | 50.34 | 20.27 | 42 | 56.46 |
| NCZ-SS-0157 | 215673 | 8060861 | Stream Sediment | FP-C* | 414.55 | 87.00 | 20.99 | 37 | 49.74 |
| NCZ-SS-0158 | 211965 | 8071886 | Stream Sediment | FP-C* | 105.07 | 15.49 | 14.74 | 50 | 67.21 |
| NCZ-SS-0159 | 211418 | 8066683 | Stream Sediment | FP-C* | 264.32 | 56.39 | 21.34 | 41 | 55.11 |
| NCZ-SS-0160 | 211522 | 8059573 | Stream Sediment | FP-C* | 944.40 | 169.96 | 18.00 | 34 | 45.70 |
| NCZ-SS-0161 | 213636 | 8056442 | Stream Sediment | FP-C* | 275.77 | 51.57 | 18.70 | 41 | 55.11 |
| NCZ-SS-0162 | 208215 | 8059540 | Stream Sediment | FP-C* | 185.09 | 36.46 | 19.70 | 45 | 60.49 |
| NCZ-SS-0163 | 207565 | 8059714 | Stream Sediment | FP-C* | 251.77 | 52.82 | 20.98 | 38 | 51.08 |
| NCZ-SS-0164 | 206031 | 8052694 | Stream Sediment | FP-C* | 342.77 | 63.82 | 18.62 | 38 | 51.08 |
| NCZ-SS-0165 | 210204 | 8070225 | Stream Sediment | FP-C* | 118.81 | 19.26 | 16.21 | 44 | 59.14 |
| NCZ-SS-0166 | 206832 | 8059082 | Stream Sediment | FP-C* | 1,215.92 | 228.72 | 18.81 | 36 | 48.39 |
| NCZ-SS-0167 | 212851 | 8062677 | Stream Sediment | FP-C* | 166.20 | 28.22 | 16.98 | 49 | 65.87 |
| NCZ-SS-0168 | 210708 | 8056597 | Stream Sediment | FP-C* | 489.73 | 96.28 | 19.66 | 44 | 59.14 |
| NCZ-SS-0169 | 210776 | 8057367 | Stream Sediment | FP-C* | 354.26 | 77.80 | 21.96 | 43 | 57.80 |
| NCZ-SS-0170 | 210766 | 8056283 | Stream Sediment | FP-C* | 305.03 | 59.74 | 19.58 | 40 | 53.77 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0137 to NCZ-SS-0170

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0137 | 209562 | 8065247 | Stream Sediment | FP-C* | 47.94 | 14.08 | 20.44 | 2.69 | 62.01 | 23.13 |
| NCZ-SS-0138 | 207551 | 8065709 | Stream Sediment | FP-C* | 70.33 | 19.57 | 10.57 | 1.68 | 89.91 | 12.25 |
| NCZ-SS-0139 | 208001 | 8065815 | Stream Sediment | FP-C* | 71.85 | 20.56 | 7.44 | 1.41 | 92.41 | 8.85 |
| NCZ-SS-0140 | 206455 | 8061633 | Stream Sediment | FP-C* | 25.89 | 8.18 | 4.60 | 0.68 | 34.07 | 5.28 |
| NCZ-SS-0141 | 217321 | 8060207 | Stream Sediment | FP-C* | 81.65 | 15.19 | 6.07 | 1.05 | 96.84 | 7.12 |
| NCZ-SS-0142 | 207809 | 8050484 | Stream Sediment | FP-C* | 33.24 | 8.66 | 10.08 | 1.69 | 41.91 | 11.77 |
| NCZ-SS-0143 | 207663 | 8052100 | Stream Sediment | FP-C* | 21.81 | 8.03 | 1.60 | 0.24 | 29.85 | 1.83 |
| NCZ-SS-0144 | 208178 | 8052465 | Stream Sediment | FP-C* | 43.51 | 12.93 | 4.80 | 0.84 | 56.43 | 5.63 |
| NCZ-SS-0145 | 213686 | 8060252 | Stream Sediment | FP-C* | 82.35 | 24.51 | 11.29 | 1.83 | 106.86 | 13.13 |
| NCZ-SS-0146 | 213697 | 8058569 | Stream Sediment | FP-C* | 54.59 | 14.02 | 15.25 | 2.06 | 68.60 | 17.31 |
| NCZ-SS-0147 | 215193 | 8072626 | Stream Sediment | FP-C* | 194.44 | 67.79 | 18.51 | 3.66 | 262.23 | 22.17 |
| NCZ-SS-0148 | 214474 | 8071232 | Stream Sediment | FP-C* | 25.19 | 9.62 | 1.92 | 0.31 | 34.81 | 2.22 |
| NCZ-SS-0149 | 213302 | 8071207 | Stream Sediment | FP-C* | 46.31 | 12.24 | 8.91 | 1.25 | 58.55 | 10.15 |
| NCZ-SS-0150 | 210540 | 8067096 | Stream Sediment | FP-C* | 64.62 | 18.35 | 9.71 | 1.61 | 82.97 | 11.32 |
| NCZ-SS-0151 | 208505 | 8067089 | Stream Sediment | FP-C* | 41.29 | 13.00 | 8.11 | 1.22 | 54.29 | 9.34 |
| NCZ-SS-0152 | 209818 | 8069679 | Stream Sediment | FP-C* | 22.74 | 6.89 | 6.35 | 0.89 | 29.63 | 7.24 |
| NCZ-SS-0153 | 211654 | 8069987 | Stream Sediment | FP-C* | 14.93 | 5.15 | 2.02 | 0.33 | 20.08 | 2.35 |
| NCZ-SS-0154 | 212497 | 8058988 | Stream Sediment | FP-C* | 34.06 | 10.54 | 6.77 | 0.87 | 44.59 | 7.64 |
| NCZ-SS-0155 | 214407 | 8057108 | Stream Sediment | FP-C* | 62.29 | 18.41 | 9.93 | 1.61 | 80.70 | 11.54 |
| NCZ-SS-0156 | 214917 | 8055829 | Stream Sediment | FP-C* | 35.11 | 9.90 | 4.59 | 0.74 | 45.00 | 5.33 |
| NCZ-SS-0157 | 215673 | 8060861 | Stream Sediment | FP-C* | 60.19 | 18.06 | 7.48 | 1.27 | 78.25 | 8.75 |
| NCZ-SS-0158 | 211965 | 8071886 | Stream Sediment | FP-C* | 8.63 | 2.95 | 3.51 | 0.40 | 11.58 | 3.91 |
| NCZ-SS-0159 | 211418 | 8066683 | Stream Sediment | FP-C* | 39.07 | 12.02 | 4.51 | 0.79 | 51.10 | 5.30 |
| NCZ-SS-0160 | 211522 | 8059573 | Stream Sediment | FP-C* | 109.52 | 37.86 | 19.41 | 3.16 | 147.39 | 22.57 |
| NCZ-SS-0161 | 213636 | 8056442 | Stream Sediment | FP-C* | 34.29 | 10.02 | 6.32 | 0.94 | 44.31 | 7.26 |
| NCZ-SS-0162 | 208215 | 8059540 | Stream Sediment | FP-C* | 24.49 | 7.61 | 3.80 | 0.55 | 32.11 | 4.35 |
| NCZ-SS-0163 | 207565 | 8059714 | Stream Sediment | FP-C* | 37.09 | 12.15 | 3.10 | 0.47 | 49.25 | 3.57 |
| NCZ-SS-0164 | 206031 | 8052694 | Stream Sediment | FP-C* | 44.32 | 13.54 | 5.12 | 0.84 | 57.87 | 5.95 |
| NCZ-SS-0165 | 210204 | 8070225 | Stream Sediment | FP-C* | 12.13 | 3.96 | 2.80 | 0.36 | 16.09 | 3.17 |
| NCZ-SS-0166 | 206832 | 8059082 | Stream Sediment | FP-C* | 151.63 | 50.30 | 22.84 | 3.95 | 201.93 | 26.79 |
| NCZ-SS-0167 | 212851 | 8062677 | Stream Sediment | FP-C* | 16.33 | 5.15 | 5.99 | 0.75 | 21.48 | 6.74 |
| NCZ-SS-0168 | 210708 | 8056597 | Stream Sediment | FP-C* | 65.09 | 20.03 | 9.72 | 1.45 | 85.12 | 11.17 |
| NCZ-SS-0169 | 210776 | 8057367 | Stream Sediment | FP-C* | 55.64 | 16.07 | 5.24 | 0.85 | 71.71 | 6.09 |
| NCZ-SS-0170 | 210766 | 8056283 | Stream Sediment | FP-C* | 41.52 | 12.65 | 4.66 | 0.91 | 54.17 | 5.57 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Stream Sediment (source) | NCZ-SS-0137 to NCZ-SS-0170

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-SS-0137 | 209562 | 8065247 | Stream Sediment | FP-C* | <10 | 0.8 | 11 | 2045 | 185.91 |
| NCZ-SS-0138 | 207551 | 8065709 | Stream Sediment | FP-C* | 22 | 2.5 | 30 | 5148 | 171.60 |
| NCZ-SS-0139 | 208001 | 8065815 | Stream Sediment | FP-C* | 11 | 1.8 | 29 | 4062 | 140.07 |
| NCZ-SS-0140 | 206455 | 8061633 | Stream Sediment | FP-C* | <10 | 1.1 | 32 | 4094 | 127.94 |
| NCZ-SS-0141 | 217321 | 8060207 | Stream Sediment | FP-C* | 18 | 1.5 | 34 | 4593 | 135.09 |
| NCZ-SS-0142 | 207809 | 8050484 | Stream Sediment | FP-C* | 108 | 4.6 | 169 | 18345 | 108.55 |
| NCZ-SS-0143 | 207663 | 8052100 | Stream Sediment | FP-C* | 21 | 1 | 26 | 2872 | 110.46 |
| NCZ-SS-0144 | 208178 | 8052465 | Stream Sediment | FP-C* | 17 | 1.6 | 35 | 5277 | 150.77 |
| NCZ-SS-0145 | 213686 | 8060252 | Stream Sediment | FP-C* | <10 | 1 | 21 | 3477 | 165.57 |
| NCZ-SS-0146 | 213697 | 8058569 | Stream Sediment | FP-C* | 23 | 2.1 | 63 | 11319 | 179.67 |
| NCZ-SS-0147 | 215193 | 8072626 | Stream Sediment | FP-C* | 12 | 1.7 | 43 | 7671 | 178.40 |
| NCZ-SS-0148 | 214474 | 8071232 | Stream Sediment | FP-C* | 13 | 2 | 28 | 3395 | 121.25 |
| NCZ-SS-0149 | 213302 | 8071207 | Stream Sediment | FP-C* | 12 | 1.5 | 33 | 3953 | 119.79 |
| NCZ-SS-0150 | 210540 | 8067096 | Stream Sediment | FP-C* | 20 | 2.2 | 46 | 5037 | 109.50 |
| NCZ-SS-0151 | 208505 | 8067089 | Stream Sediment | FP-C* | 21 | 1.7 | 33 | 5902 | 178.85 |
| NCZ-SS-0152 | 209818 | 8069679 | Stream Sediment | FP-C* | 26 | 1.8 | 35 | 6284 | 179.54 |
| NCZ-SS-0153 | 211654 | 8069987 | Stream Sediment | FP-C* | 26 | 2.7 | 46 | 4839 | 105.20 |
| NCZ-SS-0154 | 212497 | 8058988 | Stream Sediment | FP-C* | <10 | 0.6 | 7 | <1000 | - |
| NCZ-SS-0155 | 214407 | 8057108 | Stream Sediment | FP-C* | 24 | 1.9 | 72 | 8697 | 120.79 |
| NCZ-SS-0156 | 214917 | 8055829 | Stream Sediment | FP-C* | 20 | 0.3 | 21 | 3095 | 147.38 |
| NCZ-SS-0157 | 215673 | 8060861 | Stream Sediment | FP-C* | <10 | 0.5 | 10 | 1872 | 187.20 |
| NCZ-SS-0158 | 211965 | 8071886 | Stream Sediment | FP-C* | <10 | 0.6 | 5 | <1000 | - |
| NCZ-SS-0159 | 211418 | 8066683 | Stream Sediment | FP-C* | 23 | 3 | 48 | 6619 | 137.90 |
| NCZ-SS-0160 | 211522 | 8059573 | Stream Sediment | FP-C* | <10 | 1.2 | 23 | 3278 | 142.52 |
| NCZ-SS-0161 | 213636 | 8056442 | Stream Sediment | FP-C* | 21 | 1.8 | 16 | 1739 | 108.69 |
| NCZ-SS-0162 | 208215 | 8059540 | Stream Sediment | FP-C* | 12 | 0.8 | 12 | 1827 | 152.25 |
| NCZ-SS-0163 | 207565 | 8059714 | Stream Sediment | FP-C* | 17 | 2 | 34 | 3481 | 102.38 |
| NCZ-SS-0164 | 206031 | 8052694 | Stream Sediment | FP-C* | 11 | 2.3 | 24 | 3033 | 126.38 |
| NCZ-SS-0165 | 210204 | 8070225 | Stream Sediment | FP-C* | <10 | 0.4 | 4 | <1000 | - |
| NCZ-SS-0166 | 206832 | 8059082 | Stream Sediment | FP-C* | 27 | 4.3 | 98 | 11761 | 120.01 |
| NCZ-SS-0167 | 212851 | 8062677 | Stream Sediment | FP-C* | <10 | 0.3 | <3 | <1000 | - |
| NCZ-SS-0168 | 210708 | 8056597 | Stream Sediment | FP-C* | 13 | 1.2 | 35 | 8483 | 242.37 |
| NCZ-SS-0169 | 210776 | 8057367 | Stream Sediment | FP-C* | <10 | 0.6 | 12 | 1622 | 135.17 |
| NCZ-SS-0170 | 210766 | 8056283 | Stream Sediment | FP-C* | <10 | 1 | 25 | 5572 | 222.88 |

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Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Rock Chip (source) | NCZ-CR-0001 to NCZ-CR-0031

ATLANTICO
ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0001 | 207690 | 8066237 | Rock Chip | FP-R | 136.38 | 42.68 | 31.30 | 25 | 33.61 |
| NCZ-CR-0002 | 212634 | 8065220 | Rock Chip | FP-R | 511.75 | 3.41 | 0.67 | 5 | 6.72 |
| NCZ-CR-0003 | 212822 | 8065199 | Rock Chip | FP-R | 999.97 | 185.94 | 18.59 | 31 | 41.67 |
| NCZ-CR-0004 | 213854 | 8062661 | Rock Chip | FP-R | 192.45 | 35.80 | 18.60 | 28 | 37.64 |
| NCZ-CR-0005 | 213816 | 8062696 | Rock Chip | FP-R | 124.57 | 21.32 | 17.11 | 33 | 44.36 |
| NCZ-CR-0006 | 211215 | 8065993 | Rock Chip | FP-R | 187.45 | 31.72 | 16.92 | 15 | 20.16 |
| NCZ-CR-0007 | 207948 | 8056272 | Rock Chip | FP-R | 144.02 | 14.18 | 9.85 | 44 | 59.14 |
| NCZ-CR-0008 | 206573 | 8059069 | Rock Chip | FP-R | 308.86 | 82.14 | 26.60 | 32 | 43.01 |
| NCZ-CR-0009 | 206573 | 8059069 | Rock Chip | FP-R | 152.04 | 26.80 | 17.63 | 24 | 32.26 |
| NCZ-CR-0010 | 209159 | 8068249 | Rock Chip | FP-R | 384.50 | 77.17 | 20.07 | 28 | 37.64 |
| NCZ-CR-0011 | 217549 | 8061053 | Rock Chip | FP-R | 420.61 | 57.89 | 13.76 | 26 | 34.95 |
| NCZ-CR-0012 | 211774 | 8062068 | Rock Chip | FP-R | 69.41 | 10.40 | 14.98 | 28 | 37.64 |
| NCZ-CR-0013 | 206160 | 8057457 | Rock Chip | FP-R | 208.90 | 43.99 | 21.06 | 23 | 30.92 |
| NCZ-CR-0014 | 217006 | 8058861 | Rock Chip | FP-R | 243.84 | 85.74 | 35.16 | 24 | 32.26 |
| NCZ-CR-0015 | 208310 | 8067203 | Rock Chip | FP-R | 383.04 | 82.83 | 21.63 | 21 | 28.23 |
| NCZ-CR-0016 | 210907 | 8059468 | Rock Chip | FP-R | 292.33 | 60.57 | 20.72 | 40 | 53.77 |
| NCZ-CR-0017 | 215722 | 8066792 | Rock Chip | FP-R | 227.97 | 60.49 | 26.54 | 15 | 20.16 |
| NCZ-CR-0018 | 215373 | 8067511 | Rock Chip | FP-R | 199.84 | 48.94 | 24.49 | 22 | 29.57 |
| NCZ-CR-0019 | 215173 | 8067565 | Rock Chip | FP-R | 178.18 | 31.39 | 17.62 | 15 | 20.16 |
| NCZ-CR-0020 | 213492 | 8056433 | Rock Chip | FP-R | 173.97 | 47.62 | 27.37 | 36 | 48.39 |
| NCZ-CR-0021 | 212913 | 8059978 | Rock Chip | FP-R | 245.57 | 45.12 | 18.37 | 42 | 56.46 |
| NCZ-CR-0022 | 213053 | 8074599 | Rock Chip | FP-R | 150.25 | 42.93 | 28.57 | 14 | 18.82 |
| NCZ-CR-0023 | 214537 | 8064818 | Rock Chip | FP-W | 202.06 | 32.18 | 15.93 | 19 | 25.54 |
| NCZ-CR-0024 | 216533 | 8058709 | Rock Chip | FP-W | 139.89 | 32.28 | 23.07 | 20 | 26.88 |
| NCZ-CR-0025 | 216580 | 8058712 | Rock Chip | FP-W | 452.49 | 91.75 | 20.28 | 29 | 38.98 |
| NCZ-CR-0026 | 215853 | 8056006 | Rock Chip | FP-W | 327.13 | 66.41 | 20.30 | 22 | 29.57 |
| NCZ-CR-0027 | 216356 | 8070819 | Rock Chip | FP-W | 448.50 | 108.32 | 24.15 | 19 | 25.54 |
| NCZ-CR-0028 | 208451 | 8069264 | Rock Chip | FP-W | 164.87 | 41.16 | 24.97 | 25 | 33.61 |
| NCZ-CR-0029 | 206588 | 8062437 | Rock Chip | FP-W | 612.91 | 124.94 | 20.38 | 42 | 56.46 |
| NCZ-CR-0030 | 206588 | 8062437 | Rock Chip | FP-W | 749.93 | 151.21 | 20.16 | 43 | 57.80 |
| NCZ-CR-0031 | 216820 | 8072768 | Rock Chip | FP-W | 365.19 | 79.82 | 21.86 | 19 | 25.54 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Rock Chip (source) | NCZ-CR-0001 to NCZ-CR-0031

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0001 | 207690 | 8066237 | Rock Chip | FP-R | 29.74 | 8.98 | 3.37 | 0.59 | 38.72 | 3.96 |
| NCZ-CR-0002 | 212634 | 8065220 | Rock Chip | FP-R | - | 2.25 | 0.98 | 0.19 | 2.25 | 1.16 |
| NCZ-CR-0003 | 212822 | 8065199 | Rock Chip | FP-R | 125.15 | 41.51 | 16.42 | 2.85 | 166.67 | 19.27 |
| NCZ-CR-0004 | 213854 | 8062661 | Rock Chip | FP-R | 24.73 | 8.01 | 2.59 | 0.47 | 32.74 | 3.06 |
| NCZ-CR-0005 | 213816 | 8062696 | Rock Chip | FP-R | 12.95 | 5.13 | 2.85 | 0.39 | 18.08 | 3.23 |
| NCZ-CR-0006 | 211215 | 8065993 | Rock Chip | FP-R | 19.36 | 6.19 | 5.37 | 0.80 | 25.55 | 6.17 |
| NCZ-CR-0007 | 207948 | 8056272 | Rock Chip | FP-R | 8.05 | 2.68 | 2.98 | 0.47 | 10.73 | 3.45 |
| NCZ-CR-0008 | 206573 | 8059069 | Rock Chip | FP-R | 58.90 | 16.59 | 5.51 | 1.14 | 75.49 | 6.65 |
| NCZ-CR-0009 | 206573 | 8059069 | Rock Chip | FP-R | 17.38 | 5.27 | 3.63 | 0.53 | 22.65 | 4.16 |
| NCZ-CR-0010 | 209159 | 8068249 | Rock Chip | FP-R | 46.66 | 14.18 | 14.14 | 2.19 | 60.84 | 16.33 |
| NCZ-CR-0011 | 217549 | 8061053 | Rock Chip | FP-R | 38.02 | 16.36 | 2.90 | 0.60 | 54.38 | 3.50 |
| NCZ-CR-0012 | 211774 | 8062068 | Rock Chip | FP-R | 6.77 | 2.27 | 1.16 | 0.20 | 9.04 | 1.36 |
| NCZ-CR-0013 | 206160 | 8057457 | Rock Chip | FP-R | 29.98 | 9.09 | 4.15 | 0.78 | 39.06 | 4.93 |
| NCZ-CR-0014 | 217006 | 8058861 | Rock Chip | FP-R | 64.15 | 16.41 | 4.34 | 0.85 | 80.56 | 5.19 |
| NCZ-CR-0015 | 208310 | 8067203 | Rock Chip | FP-R | 55.64 | 16.11 | 9.50 | 1.59 | 71.74 | 11.09 |
| NCZ-CR-0016 | 210907 | 8059468 | Rock Chip | FP-R | 39.07 | 13.16 | 7.09 | 1.25 | 52.23 | 8.34 |
| NCZ-CR-0017 | 215722 | 8066792 | Rock Chip | FP-R | 42.46 | 13.47 | 3.73 | 0.84 | 55.93 | 4.57 |
| NCZ-CR-0018 | 215373 | 8067511 | Rock Chip | FP-R | 33.83 | 10.00 | 4.36 | 0.75 | 43.83 | 5.11 |
| NCZ-CR-0019 | 215173 | 8067565 | Rock Chip | FP-R | 22.86 | 6.52 | 1.53 | 0.48 | 29.39 | 2.01 |
| NCZ-CR-0020 | 213492 | 8056433 | Rock Chip | FP-R | 31.84 | 9.36 | 5.46 | 0.95 | 41.21 | 6.42 |
| NCZ-CR-0021 | 212913 | 8059978 | Rock Chip | FP-R | 29.86 | 8.77 | 5.55 | 0.93 | 38.63 | 6.48 |
| NCZ-CR-0022 | 213053 | 8074599 | Rock Chip | FP-R | 33.24 | 7.91 | 1.42 | 0.35 | 41.16 | 1.78 |
| NCZ-CR-0023 | 214537 | 8064818 | Rock Chip | FP-W | 20.88 | 7.31 | 3.49 | 0.51 | 28.19 | 3.99 |
| NCZ-CR-0024 | 216533 | 8058709 | Rock Chip | FP-W | 22.39 | 6.42 | 2.93 | 0.54 | 28.81 | 3.47 |
| NCZ-CR-0025 | 216580 | 8058712 | Rock Chip | FP-W | 59.60 | 18.57 | 11.67 | 1.91 | 78.17 | 13.58 |
| NCZ-CR-0026 | 215853 | 8056006 | Rock Chip | FP-W | 46.07 | 15.94 | 3.64 | 0.76 | 62.01 | 4.40 |
| NCZ-CR-0027 | 216356 | 8070819 | Rock Chip | FP-W | 74.53 | 22.22 | 9.87 | 1.69 | 96.75 | 11.56 |
| NCZ-CR-0028 | 208451 | 8069264 | Rock Chip | FP-W | 27.88 | 11.41 | 1.51 | 0.36 | 39.28 | 1.88 |
| NCZ-CR-0029 | 206588 | 8062437 | Rock Chip | FP-W | 71.15 | 18.53 | 30.21 | 5.05 | 89.68 | 35.25 |
| NCZ-CR-0030 | 206588 | 8062437 | Rock Chip | FP-W | 87.71 | 22.69 | 35.17 | 5.65 | 110.40 | 40.81 |
| NCZ-CR-0031 | 216820 | 8072768 | Rock Chip | FP-W | 56.80 | 17.35 | 4.56 | 1.11 | 74.15 | 5.66 |

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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Rock Chip (source) | NCZ-CR-0001 to NCZ-CR-0031

ATLANTICO ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0001 | 207690 | 8066237 | Rock Chip | FP-R | 16 | 2.8 | 113 | 30436 | 269.35 |
| NCZ-CR-0002 | 212634 | 8065220 | Rock Chip | FP-R | 13 | 0.2 | 7 | <1000 | - |
| NCZ-CR-0003 | 212822 | 8065199 | Rock Chip | FP-R | <10 | 0.4 | 11 | 1702 | 154.73 |
| NCZ-CR-0004 | 213854 | 8062661 | Rock Chip | FP-R | <10 | 0.4 | 7 | <1000 | - |
| NCZ-CR-0005 | 213816 | 8062696 | Rock Chip | FP-R | <10 | 0.3 | 10 | 1378 | 137.80 |
| NCZ-CR-0006 | 211215 | 8065993 | Rock Chip | FP-R | <10 | 0.2 | 10 | 1626 | 162.60 |
| NCZ-CR-0007 | 207948 | 8056272 | Rock Chip | FP-R | 16 | 2.1 | 32 | 5762 | 180.06 |
| NCZ-CR-0008 | 206573 | 8059069 | Rock Chip | FP-R | 93 | 4.6 | 67 | 6270 | 93.58 |
| NCZ-CR-0009 | 206573 | 8059069 | Rock Chip | FP-R | 56 | 1.9 | 84 | 21315 | 253.75 |
| NCZ-CR-0010 | 209159 | 8068249 | Rock Chip | FP-R | 28 | 2 | 52 | 11192 | 215.23 |
| NCZ-CR-0011 | 217549 | 8061053 | Rock Chip | FP-R | 52 | 0.4 | 17 | 2453 | 144.29 |
| NCZ-CR-0012 | 211774 | 8062068 | Rock Chip | FP-R | 12 | 0.4 | 11 | 2158 | 196.18 |
| NCZ-CR-0013 | 206160 | 8057457 | Rock Chip | FP-R | 71 | 6.6 | 199 | 41582 | 208.95 |
| NCZ-CR-0014 | 217006 | 8058861 | Rock Chip | FP-R | 55 | 1.8 | 158 | 29421 | 186.21 |
| NCZ-CR-0015 | 208310 | 8067203 | Rock Chip | FP-R | 25 | 4.3 | 106 | 14078 | 132.81 |
| NCZ-CR-0016 | 210907 | 8059468 | Rock Chip | FP-R | 108 | 12.4 | 249 | 23206 | 93.20 |
| NCZ-CR-0017 | 215722 | 8066792 | Rock Chip | FP-R | 22 | 2.2 | 96 | 20896 | 217.67 |
| NCZ-CR-0018 | 215373 | 8067511 | Rock Chip | FP-R | 70 | 11 | 233 | 28029 | 120.30 |
| NCZ-CR-0019 | 215173 | 8067565 | Rock Chip | FP-R | <10 | 0.4 | 16 | 3742 | 233.88 |
| NCZ-CR-0020 | 213492 | 8056433 | Rock Chip | FP-R | 31 | 0.4 | 7 | <1000 | - |
| NCZ-CR-0021 | 212913 | 8059978 | Rock Chip | FP-R | 100 | 14.5 | 242 | 16593 | 68.57 |
| NCZ-CR-0022 | 213053 | 8074599 | Rock Chip | FP-R | 21 | 5.2 | 53 | 5343 | 100.81 |
| NCZ-CR-0023 | 214537 | 8064818 | Rock Chip | FP-W | 13 | 0.4 | 10 | 2501 | 250.10 |
| NCZ-CR-0024 | 216533 | 8058709 | Rock Chip | FP-W | 60 | 4 | 193 | 45177 | 234.08 |
| NCZ-CR-0025 | 216580 | 8058712 | Rock Chip | FP-W | 78 | 10.1 | 492 | 79372 | 161.33 |
| NCZ-CR-0026 | 215853 | 8056006 | Rock Chip | FP-W | 54 | 1.8 | 211 | 41218 | 195.35 |
| NCZ-CR-0027 | 216356 | 8070819 | Rock Chip | FP-W | 22 | 1.8 | 157 | 39499 | 251.59 |
| NCZ-CR-0028 | 208451 | 8069264 | Rock Chip | FP-W | 50 | 1.2 | 30 | 3924 | 130.80 |
| NCZ-CR-0029 | 206588 | 8062437 | Rock Chip | FP-W | 44 | 9.9 | 637 | 41280 | 64.80 |
| NCZ-CR-0030 | 206588 | 8062437 | Rock Chip | FP-W | 38 | 11.8 | 763 | 23948 | 31.39 |
| NCZ-CR-0031 | 216820 | 8072768 | Rock Chip | FP-W | 22 | 1.7 | 193 | 55234 | 286.19 |

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# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Rock Chip (source) | NCZ-CR-0032 to NCZ-CR-0061

ATLANTICO ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0032 | 205683 | 8062295 | Rock Chip | FP-W | 94.61 | 15.72 | 16.61 | 12 | 16.13 |
| NCZ-CR-0033 | 208771 | 8059431 | Rock Chip | FP-W | 317.75 | 89.47 | 28.16 | 21 | 28.23 |
| NCZ-CR-0034 | 208771 | 8059431 | Rock Chip | FP-W | 164.45 | 27.81 | 16.91 | 31 | 41.67 |
| NCZ-CR-0035 | 209723 | 8057243 | Rock Chip | FP-W | 117.52 | 20.23 | 17.22 | 18 | 24.20 |
| NCZ-CR-0036 | 209508 | 8057267 | Rock Chip | FP-W | 697.24 | 108.96 | 15.63 | 31 | 41.67 |
| NCZ-CR-0037 | 212225 | 8065164 | Rock Chip | FP-W | 268.91 | 53.18 | 19.77 | 17 | 22.85 |
| NCZ-CR-0038 | 212101 | 8065710 | Rock Chip | FP-W | 187.13 | 42.49 | 22.71 | 23 | 30.92 |
| NCZ-CR-0039 | 207936 | 8066262 | Rock Chip | FP-W | 52.16 | 8.45 | 16.19 | 13 | 17.47 |
| NCZ-CR-0040 | 205748 | 8063545 | Rock Chip | FP-W | 129.29 | 24.36 | 18.84 | 25 | 33.61 |
| NCZ-CR-0041 | 206955 | 8066978 | Rock Chip | FP-W | 311.60 | 64.03 | 20.55 | 24 | 32.26 |
| NCZ-CR-0042 | 205162 | 8066869 | Rock Chip | FP-W | 87.16 | 15.40 | 17.67 | 32 | 43.01 |
| NCZ-CR-0043 | 210578 | 8063633 | Rock Chip | FP-W | 134.34 | 29.75 | 22.15 | 24 | 32.26 |
| NCZ-CR-0044 | 211229 | 8073523 | Rock Chip | FP-W | 387.64 | 93.95 | 24.24 | 37 | 49.74 |
| NCZ-CR-0045 | 208729 | 8062437 | Rock Chip | FP-W | 308.95 | 63.04 | 20.40 | 36 | 48.39 |
| NCZ-CR-0046 | 211313 | 8064266 | Rock Chip | FP-W | 345.32 | 31.33 | 9.07 | 27 | 36.29 |
| NCZ-CR-0047 | 207482 | 8061914 | Rock Chip | FP-W | 58.69 | 10.63 | 18.11 | 17 | 22.85 |
| NCZ-CR-0048 | 215480 | 8061404 | Rock Chip | FP-W | 276.57 | 16.94 | 6.13 | 27 | 36.29 |
| NCZ-CR-0049 | 215169 | 8059062 | Rock Chip | FP-W | 278.43 | 44.89 | 16.12 | 31 | 41.67 |
| NCZ-CR-0050 | 207282 | 8061823 | Rock Chip | FP-W | 200.18 | 35.96 | 17.96 | 33 | 44.36 |
| NCZ-CR-0051 | 212227 | 8062326 | Rock Chip | FP-W | 197.48 | 29.73 | 15.05 | 30 | 40.33 |
| NCZ-CR-0052 | 210328 | 8060838 | Rock Chip | FP-W | 91.60 | 12.95 | 14.14 | 45 | 60.49 |
| NCZ-CR-0053 | 210909 | 8061227 | Rock Chip | FP-W | 138.34 | 33.99 | 24.57 | 33 | 44.36 |
| NCZ-CR-0054 | 210547 | 8061372 | Rock Chip | FP-W | 184.16 | 32.48 | 17.64 | 70 | 94.09 |
| NCZ-CR-0055 | 210411 | 8061402 | Rock Chip | FP-W | 228.01 | 36.42 | 15.98 | 75 | 100.82 |
| NCZ-CR-0056 | 210440 | 8060647 | Rock Chip | FP-W | 63.93 | 10.45 | 16.34 | 28 | 37.64 |
| NCZ-CR-0057 | 211165 | 8060543 | Rock Chip | FP-W | 90.70 | 10.72 | 11.82 | 51 | 68.55 |
| NCZ-CR-0058 | 211135 | 8060639 | Rock Chip | FP-W | 516.26 | 117.57 | 22.77 | 36 | 48.39 |
| NCZ-CR-0059 | 211701 | 8062065 | Rock Chip | FP-W | 229.38 | 39.28 | 17.13 | 29 | 38.98 |
| NCZ-CR-0060 | 205408 | 8057091 | Rock Chip | FP-C | 216.88 | 42.98 | 19.82 | 23 | 30.92 |
| NCZ-CR-0061 | 207341 | 8057794 | Rock Chip | FP-C | 301.56 | 87.31 | 28.95 | 27 | 36.29 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Rock Chip (source) | NCZ-CR-0032 to NCZ-CR-0061

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0032 | 205683 | 8062295 | Rock Chip | FP-W | 10.38 | 3.33 | 1.72 | 0.28 | 13.72 | 2.00 |
| NCZ-CR-0033 | 208771 | 8059431 | Rock Chip | FP-W | 59.72 | 16.98 | 10.81 | 1.96 | 76.69 | 12.78 |
| NCZ-CR-0034 | 208771 | 8059431 | Rock Chip | FP-W | 17.15 | 6.25 | 3.83 | 0.59 | 23.39 | 4.42 |
| NCZ-CR-0035 | 209723 | 8057243 | Rock Chip | FP-W | 12.48 | 4.02 | 3.29 | 0.44 | 16.50 | 3.73 |
| NCZ-CR-0036 | 209508 | 8057267 | Rock Chip | FP-W | 70.68 | 23.73 | 12.40 | 2.15 | 94.41 | 14.55 |
| NCZ-CR-0037 | 212225 | 8065164 | Rock Chip | FP-W | 36.28 | 11.89 | 4.24 | 0.78 | 48.16 | 5.01 |
| NCZ-CR-0038 | 212101 | 8065710 | Rock Chip | FP-W | 30.91 | 8.17 | 2.75 | 0.66 | 39.08 | 3.41 |
| NCZ-CR-0039 | 207936 | 8066262 | Rock Chip | FP-W | 4.90 | 1.51 | 1.80 | 0.24 | 6.41 | 2.04 |
| NCZ-CR-0040 | 205748 | 8063545 | Rock Chip | FP-W | 15.16 | 4.82 | 3.78 | 0.60 | 19.98 | 4.38 |
| NCZ-CR-0041 | 206955 | 8066978 | Rock Chip | FP-W | 44.32 | 13.99 | 4.68 | 1.04 | 58.31 | 5.72 |
| NCZ-CR-0042 | 205162 | 8066869 | Rock Chip | FP-W | 9.33 | 2.75 | 2.89 | 0.42 | 12.09 | 3.32 |
| NCZ-CR-0043 | 210578 | 8063633 | Rock Chip | FP-W | 20.76 | 6.22 | 2.26 | 0.51 | 26.98 | 2.77 |
| NCZ-CR-0044 | 211229 | 8073523 | Rock Chip | FP-W | 64.85 | 19.97 | 7.63 | 1.49 | 84.82 | 9.13 |
| NCZ-CR-0045 | 208729 | 8062437 | Rock Chip | FP-W | 43.62 | 13.97 | 4.61 | 0.84 | 57.59 | 5.45 |
| NCZ-CR-0046 | 211313 | 8064266 | Rock Chip | FP-W | 21.11 | 7.90 | 1.93 | 0.39 | 29.01 | 2.32 |
| NCZ-CR-0047 | 207482 | 8061914 | Rock Chip | FP-W | 7.00 | 2.04 | 1.34 | 0.25 | 9.04 | 1.59 |
| NCZ-CR-0048 | 215480 | 8061404 | Rock Chip | FP-W | 11.31 | 3.41 | 1.91 | 0.32 | 14.72 | 2.22 |
| NCZ-CR-0049 | 215169 | 8059062 | Rock Chip | FP-W | 31.03 | 10.70 | 2.66 | 0.49 | 41.73 | 3.16 |
| NCZ-CR-0050 | 207282 | 8061823 | Rock Chip | FP-W | 21.11 | 6.52 | 7.23 | 1.09 | 27.64 | 8.32 |
| NCZ-CR-0051 | 212227 | 8062326 | Rock Chip | FP-W | 15.86 | 5.71 | 7.22 | 0.93 | 21.58 | 8.15 |
| NCZ-CR-0052 | 210328 | 8060838 | Rock Chip | FP-W | 7.23 | 2.67 | 2.67 | 0.38 | 9.90 | 3.05 |
| NCZ-CR-0053 | 210909 | 8061227 | Rock Chip | FP-W | 23.33 | 9.38 | 1.08 | 0.21 | 32.70 | 1.29 |
| NCZ-CR-0054 | 210547 | 8061372 | Rock Chip | FP-W | 20.65 | 7.41 | 3.89 | 0.54 | 28.05 | 4.43 |
| NCZ-CR-0055 | 210411 | 8061402 | Rock Chip | FP-W | 20.30 | 6.69 | 8.41 | 1.02 | 26.99 | 9.44 |
| NCZ-CR-0056 | 210440 | 8060647 | Rock Chip | FP-W | 6.30 | 2.26 | 1.63 | 0.26 | 8.56 | 1.89 |
| NCZ-CR-0057 | 211165 | 8060543 | Rock Chip | FP-W | 4.78 | 1.69 | 3.80 | 0.45 | 6.47 | 4.25 |
| NCZ-CR-0058 | 211135 | 8060639 | Rock Chip | FP-W | 83.40 | 26.00 | 6.83 | 1.34 | 109.40 | 8.17 |
| NCZ-CR-0059 | 211701 | 8062065 | Rock Chip | FP-W | 24.38 | 7.97 | 5.96 | 0.98 | 32.35 | 6.93 |
| NCZ-CR-0060 | 205408 | 8057091 | Rock Chip | FP-C | 26.13 | 7.20 | 8.36 | 1.29 | 33.33 | 9.65 |
| NCZ-CR-0061 | 207341 | 8057794 | Rock Chip | FP-C | 58.32 | 17.91 | 9.47 | 1.61 | 76.23 | 11.08 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | First-pass 231 | Rock Chip (source) | NCZ-CR-0032 to NCZ-CR-0061

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0032 | 205683 | 8062295 | Rock Chip | FP-W | 19 | 0.3 | 9 | 2076 | 230.67 |
| NCZ-CR-0033 | 208771 | 8059431 | Rock Chip | FP-W | 93 | 6.3 | 151 | 32252 | 213.59 |
| NCZ-CR-0034 | 208771 | 8059431 | Rock Chip | FP-W | 25 | 0.3 | 11 | 2017 | 183.36 |
| NCZ-CR-0035 | 209723 | 8057243 | Rock Chip | FP-W | 51 | 1.7 | 246 | 58405 | 237.42 |
| NCZ-CR-0036 | 209508 | 8057267 | Rock Chip | FP-W | 54 | 5.6 | 74 | 5557 | 75.09 |
| NCZ-CR-0037 | 212225 | 8065164 | Rock Chip | FP-W | 24 | 0.3 | 5 | 1036 | 207.20 |
| NCZ-CR-0038 | 212101 | 8065710 | Rock Chip | FP-W | 19 | 0.3 | 9 | 1624 | 180.44 |
| NCZ-CR-0039 | 207936 | 8066262 | Rock Chip | FP-W | 30 | 2.2 | 124 | 52270 | 421.53 |
| NCZ-CR-0040 | 205748 | 8063545 | Rock Chip | FP-W | <10 | 0.1 | 5 | 1279 | 255.80 |
| NCZ-CR-0041 | 206955 | 8066978 | Rock Chip | FP-W | 93 | 4 | 187 | 37668 | 201.43 |
| NCZ-CR-0042 | 205162 | 8066869 | Rock Chip | FP-W | 57 | 0.3 | 6 | <1000 | - |
| NCZ-CR-0043 | 210578 | 8063633 | Rock Chip | FP-W | 101 | 9.5 | 253 | 52417 | 207.18 |
| NCZ-CR-0044 | 211229 | 8073523 | Rock Chip | FP-W | 77 | 2.2 | 220 | 50577 | 229.90 |
| NCZ-CR-0045 | 208729 | 8062437 | Rock Chip | FP-W | 34 | 0.6 | 10 | 1767 | 176.70 |
| NCZ-CR-0046 | 211313 | 8064266 | Rock Chip | FP-W | 42 | 0.6 | 15 | 2853 | 190.20 |
| NCZ-CR-0047 | 207482 | 8061914 | Rock Chip | FP-W | 51 | 2.5 | 182 | 50369 | 276.75 |
| NCZ-CR-0048 | 215480 | 8061404 | Rock Chip | FP-W | 21 | 0.1 | 8 | 1180 | 147.50 |
| NCZ-CR-0049 | 215169 | 8059062 | Rock Chip | FP-W | 34 | 0.3 | 11 | 1485 | 135.00 |
| NCZ-CR-0050 | 207282 | 8061823 | Rock Chip | FP-W | 86 | 7.3 | 191 | 19261 | 100.84 |
| NCZ-CR-0051 | 212227 | 8062326 | Rock Chip | FP-W | 11 | 0.3 | 12 | 1810 | 150.83 |
| NCZ-CR-0052 | 210328 | 8060838 | Rock Chip | FP-W | 11 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0053 | 210909 | 8061227 | Rock Chip | FP-W | 23 | 0.6 | 20 | 2828 | 141.40 |
| NCZ-CR-0054 | 210547 | 8061372 | Rock Chip | FP-W | <10 | 0.1 | <3 | <1000 | - |
| NCZ-CR-0055 | 210411 | 8061402 | Rock Chip | FP-W | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0056 | 210440 | 8060647 | Rock Chip | FP-W | 15 | 0.2 | 8 | 1365 | 170.62 |
| NCZ-CR-0057 | 211165 | 8060543 | Rock Chip | FP-W | 13 | 0.3 | 11 | 1713 | 155.73 |
| NCZ-CR-0058 | 211135 | 8060639 | Rock Chip | FP-W | 16 | 0.6 | 12 | 1426 | 118.83 |
| NCZ-CR-0059 | 211701 | 8062065 | Rock Chip | FP-W | 27 | 0.5 | 9 | 1336 | 148.44 |
| NCZ-CR-0060 | 205408 | 8057091 | Rock Chip | FP-C | 32 | 4.5 | 149 | 20630 | 138.46 |
| NCZ-CR-0061 | 207341 | 8057794 | Rock Chip | FP-C | 31 | 3.6 | 180 | 44634 | 247.97 |

Source medium is not an independent classification. First-pass evidence flags are coverage only; * marks an unresolved batch concern.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0062 to NCZ-CR-0099

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0062 | 214964 | 8065024 | Rock Chip | REVIEW1202 | 2,806.7 | 98.7 | 3.5 | 39 | 52.4 |
| NCZ-CR-0063 | 214977 | 8065015 | Rock Chip | REVIEW1202 | 260.0 | 51.9 | 20.0 | 40 | 53.8 |
| NCZ-CR-0064 | 208707 | 8062412 | Rock Chip | REVIEW1202 | 223.9 | 42.1 | 18.8 | 30 | 40.3 |
| NCZ-CR-0065 | 212711 | 8058564 | Rock Chip | **HOLD1203** | 369.3 | 79.7 | 21.6 | 54 | 72.6 |
| NCZ-CR-0066 | 208745 | 8062458 | Rock Chip | REVIEW1202 | 1,779.1 | 349.1 | 19.6 | 24 | 32.3 |
| NCZ-CR-0067 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 332.0 | 21.3 | 6.4 | 17 | 22.9 |
| NCZ-CR-0068 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 513.4 | 110.5 | 21.5 | 49 | 65.9 |
| NCZ-CR-0069 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 607.3 | 76.1 | 12.5 | 16 | 21.5 |
| NCZ-CR-0070 | 208648 | 8062580 | Rock Chip | REVIEW1202 | 144.8 | 18.8 | 13.0 | 22 | 29.6 |
| NCZ-CR-0071 | 208679 | 8062581 | Rock Chip | REVIEW1202 | 1,306.4 | 132.0 | 10.1 | 35 | 47.0 |
| NCZ-CR-0072 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 106.0 | 24.5 | 23.1 | 21 | 28.2 |
| NCZ-CR-0073 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 141.5 | 30.7 | 21.7 | 31 | 41.7 |
| NCZ-CR-0074 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 168.3 | 41.2 | 24.5 | 31 | 41.7 |
| NCZ-CR-0075 | 208778.7648 | 8062295.7551 | Rock Chip | **HOLD1203** | 581.0 | 119.3 | 20.5 | 52 | 69.9 |
| NCZ-CR-0076 | 208762.6951 | 8062314.9062 | Rock Chip | **HOLD1203** | 452.8 | 86.5 | 19.1 | 58 | 78.0 |
| NCZ-CR-0077 | 208746.6254 | 8062334.0573 | Rock Chip | **HOLD1203** | 541.1 | 104.7 | 19.4 | 58 | 78.0 |
| NCZ-CR-0078 | 208730.5557 | 8062353.2084 | Rock Chip | **HOLD1203** | 573.6 | 115.4 | 20.1 | 54 | 72.6 |
| NCZ-CR-0079 | 208714.486 | 8062372.3595 | Rock Chip | **HOLD1203** | 354.2 | 64.2 | 18.1 | 44 | 59.1 |
| NCZ-CR-0080 | 208698.4163 | 8062391.5106 | Rock Chip | **HOLD1203** | 747.0 | 165.1 | 22.1 | 47 | 63.2 |
| NCZ-CR-0081 | 208682.3466 | 8062410.6617 | Rock Chip | **HOLD1203** | 729.1 | 148.8 | 20.4 | 45 | 60.5 |
| NCZ-CR-0082 | 208666.2769 | 8062429.8128 | Rock Chip | **HOLD1203** | 683.9 | 141.0 | 20.6 | 52 | 69.9 |
| NCZ-CR-0083 | 208650.2072 | 8062448.9639 | Rock Chip | **HOLD1203** | 625.7 | 115.7 | 18.5 | 59 | 79.3 |
| NCZ-CR-0084 | 208634.1375 | 8062468.115 | Rock Chip | **HOLD1203** | 507.3 | 94.1 | 18.5 | 52 | 69.9 |
| NCZ-CR-0085 | 208618.0678 | 8062487.2661 | Rock Chip | **HOLD1203** | 300.5 | 50.1 | 16.7 | 58 | 78.0 |
| NCZ-CR-0086 | 208601.9981 | 8062506.4172 | Rock Chip | **HOLD1203** | 302.4 | 50.6 | 16.7 | 65 | 87.4 |
| NCZ-CR-0087 | 208585.9284 | 8062525.5683 | Rock Chip | **HOLD1203** | 308.1 | 52.2 | 17.0 | 71 | 95.4 |
| NCZ-CR-0088 | 208569.8587 | 8062544.7194 | Rock Chip | **HOLD1203** | 315.4 | 48.2 | 15.3 | 68 | 91.4 |
| NCZ-CR-0089 | 208553.789 | 8062563.8705 | Rock Chip | **HOLD1203** | 292.7 | 44.4 | 15.2 | 62 | 83.3 |
| NCZ-CR-0090 | 208537.7193 | 8062583.0216 | Rock Chip | **HOLD1203** | 316.0 | 51.0 | 16.1 | 60 | 80.7 |
| NCZ-CR-0091 | 208521.6496 | 8062602.1727 | Rock Chip | **HOLD1203** | 298.5 | 55.2 | 18.5 | 56 | 75.3 |
| NCZ-CR-0092 | 208559.9518 | 8062634.3121 | Rock Chip | **HOLD1203** | 281.2 | 46.1 | 16.4 | 65 | 87.4 |
| NCZ-CR-0093 | 208576.0215 | 8062615.161 | Rock Chip | **HOLD1203** | 342.6 | 59.0 | 17.2 | 66 | 88.7 |
| NCZ-CR-0094 | 208592.0912 | 8062596.0099 | Rock Chip | **HOLD1203** | 393.3 | 71.1 | 18.1 | 63 | 84.7 |
| NCZ-CR-0095 | 208608.1609 | 8062576.8588 | Rock Chip | **HOLD1203** | 350.0 | 65.9 | 18.8 | 50 | 67.2 |
| NCZ-CR-0096 | 208624.2306 | 8062557.7077 | Rock Chip | **HOLD1203** | 422.7 | 78.2 | 18.5 | 54 | 72.6 |
| NCZ-CR-0097 | 208640.3003 | 8062538.5566 | Rock Chip | **HOLD1203** | 314.3 | 52.8 | 16.8 | 58 | 78.0 |
| NCZ-CR-0098 | 208657.366384 | 8062521.80393 | Rock Chip | **HOLD1203** | 260.6 | 46.8 | 18.0 | 56 | 75.3 |
| NCZ-CR-0099 | 208673.4361 | 8062502.6528 | Rock Chip | **HOLD1203** | 367.7 | 71.1 | 19.3 | 56 | 75.3 |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0062 to NCZ-CR-0099

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0062 | 214964 | 8065024 | Rock Chip | REVIEW1202 | 45.84 | 41.91 | 9.08 | 1.91 | 87.8 | 11.0 |
| NCZ-CR-0063 | 214977 | 8065015 | Rock Chip | REVIEW1202 | 33.82 | 11.08 | 6.06 | 0.94 | 44.9 | 7.0 |
| NCZ-CR-0064 | 208707 | 8062412 | Rock Chip | REVIEW1202 | 25.66 | 8.09 | 7.17 | 1.14 | 33.8 | 8.3 |
| NCZ-CR-0065 | 212711 | 8058564 | Rock Chip | **HOLD1203** | 53.54 | 15.16 | 9.69 | 1.35 | 68.7 | 11.0 |
| NCZ-CR-0066 | 208745 | 8062458 | Rock Chip | REVIEW1202 | 257.65 | 81.64 | 7.82 | 2.01 | 339.3 | 9.8 |
| NCZ-CR-0067 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 13.06 | 5.42 | 2.44 | 0.41 | 18.5 | 2.9 |
| NCZ-CR-0068 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 74.88 | 20.08 | 13.29 | 2.28 | 95.0 | 15.6 |
| NCZ-CR-0069 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 51.90 | 21.63 | 2.18 | 0.44 | 73.5 | 2.6 |
| NCZ-CR-0070 | 208648 | 8062580 | Rock Chip | REVIEW1202 | 11.31 | 4.34 | 2.77 | 0.40 | 15.7 | 3.2 |
| NCZ-CR-0071 | 208679 | 8062581 | Rock Chip | REVIEW1202 | 82.70 | 42.15 | 6.16 | 0.98 | 124.9 | 7.1 |
| NCZ-CR-0072 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 15.63 | 4.64 | 3.63 | 0.60 | 20.3 | 4.2 |
| NCZ-CR-0073 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 19.71 | 6.10 | 4.26 | 0.66 | 25.8 | 4.9 |
| NCZ-CR-0074 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 27.88 | 8.01 | 4.51 | 0.83 | 35.9 | 5.3 |
| NCZ-CR-0075 | 208778.7648 | 8062295.7551 | Rock Chip | **HOLD1203** | 83.28 | 26.24 | 8.27 | 1.51 | 109.5 | 9.8 |
| NCZ-CR-0076 | 208762.6951 | 8062314.9062 | Rock Chip | **HOLD1203** | 57.27 | 19.04 | 8.73 | 1.46 | 76.3 | 10.2 |
| NCZ-CR-0077 | 208746.6254 | 8062334.0573 | Rock Chip | **HOLD1203** | 65.08 | 22.51 | 14.84 | 2.28 | 87.6 | 17.1 |
| NCZ-CR-0078 | 208730.5557 | 8062353.2084 | Rock Chip | **HOLD1203** | 76.40 | 23.10 | 13.67 | 2.22 | 99.5 | 15.9 |
| NCZ-CR-0079 | 208714.486 | 8062372.3595 | Rock Chip | **HOLD1203** | 39.54 | 12.34 | 10.80 | 1.55 | 51.9 | 12.4 |
| NCZ-CR-0080 | 208698.4163 | 8062391.5106 | Rock Chip | **HOLD1203** | 112.79 | 31.70 | 17.57 | 3.06 | 144.5 | 20.6 |
| NCZ-CR-0081 | 208682.3466 | 8062410.6617 | Rock Chip | **HOLD1203** | 97.04 | 28.71 | 19.94 | 3.07 | 125.7 | 23.0 |
| NCZ-CR-0082 | 208666.2769 | 8062429.8128 | Rock Chip | **HOLD1203** | 95.29 | 28.63 | 14.75 | 2.36 | 123.9 | 17.1 |
| NCZ-CR-0083 | 208650.2072 | 8062448.9639 | Rock Chip | **HOLD1203** | 71.03 | 21.95 | 19.94 | 2.80 | 93.0 | 22.7 |
| NCZ-CR-0084 | 208634.1375 | 8062468.115 | Rock Chip | **HOLD1203** | 59.37 | 18.81 | 13.82 | 2.11 | 78.2 | 15.9 |
| NCZ-CR-0085 | 208618.0678 | 8062487.2661 | Rock Chip | **HOLD1203** | 28.23 | 9.82 | 10.75 | 1.34 | 38.0 | 12.1 |
| NCZ-CR-0086 | 208601.9981 | 8062506.4172 | Rock Chip | **HOLD1203** | 31.49 | 11.12 | 7.01 | 0.98 | 42.6 | 8.0 |
| NCZ-CR-0087 | 208585.9284 | 8062525.5683 | Rock Chip | **HOLD1203** | 31.61 | 10.81 | 8.67 | 1.13 | 42.4 | 9.8 |
| NCZ-CR-0088 | 208569.8587 | 8062544.7194 | Rock Chip | **HOLD1203** | 23.68 | 8.65 | 14.11 | 1.74 | 32.3 | 15.8 |
| NCZ-CR-0089 | 208553.789 | 8062563.8705 | Rock Chip | **HOLD1203** | 23.33 | 9.09 | 10.60 | 1.36 | 32.4 | 12.0 |
| NCZ-CR-0090 | 208537.7193 | 8062583.0216 | Rock Chip | **HOLD1203** | 27.88 | 10.86 | 10.90 | 1.38 | 38.7 | 12.3 |
| NCZ-CR-0091 | 208521.6496 | 8062602.1727 | Rock Chip | **HOLD1203** | 34.87 | 14.85 | 4.82 | 0.67 | 49.7 | 5.5 |
| NCZ-CR-0092 | 208559.9518 | 8062634.3121 | Rock Chip | **HOLD1203** | 27.76 | 10.85 | 6.66 | 0.83 | 38.6 | 7.5 |
| NCZ-CR-0093 | 208576.0215 | 8062615.161 | Rock Chip | **HOLD1203** | 34.64 | 12.30 | 10.74 | 1.33 | 46.9 | 12.1 |
| NCZ-CR-0094 | 208592.0912 | 8062596.0099 | Rock Chip | **HOLD1203** | 44.21 | 14.24 | 11.08 | 1.56 | 58.5 | 12.6 |
| NCZ-CR-0095 | 208608.1609 | 8062576.8588 | Rock Chip | **HOLD1203** | 42.81 | 13.62 | 8.19 | 1.26 | 56.4 | 9.5 |
| NCZ-CR-0096 | 208624.2306 | 8062557.7077 | Rock Chip | **HOLD1203** | 52.02 | 16.42 | 8.26 | 1.48 | 68.4 | 9.7 |
| NCZ-CR-0097 | 208640.3003 | 8062538.5566 | Rock Chip | **HOLD1203** | 33.13 | 11.38 | 7.26 | 1.06 | 44.5 | 8.3 |
| NCZ-CR-0098 | 208657.366384 | 8062521.80393 | Rock Chip | **HOLD1203** | 28.23 | 9.45 | 8.06 | 1.08 | 37.7 | 9.1 |
| NCZ-CR-0099 | 208673.4361 | 8062502.6528 | Rock Chip | **HOLD1203** | 46.89 | 15.04 | 7.82 | 1.31 | 61.9 | 9.1 |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0062 to NCZ-CR-0099

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0062 | 214964 | 8065024 | Rock Chip | REVIEW1202 | <10 | 1.9 | 39 | 6020 | 154.4 |
| NCZ-CR-0063 | 214977 | 8065015 | Rock Chip | REVIEW1202 | <10 | <0.1 | 4 | <1000 | - |
| NCZ-CR-0064 | 208707 | 8062412 | Rock Chip | REVIEW1202 | 16 | 0.4 | 13 | 2531 | 194.7 |
| NCZ-CR-0065 | 212711 | 8058564 | Rock Chip | **HOLD1203** | <10 | 0.6 | 13 | 1858 | 142.9 |
| NCZ-CR-0066 | 208745 | 8062458 | Rock Chip | REVIEW1202 | <10 | 0.3 | 5 | <1000 | - |
| NCZ-CR-0067 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 24 | 2.4 | 31 | 2478 | 79.9 |
| NCZ-CR-0068 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 71 | 9.7 | 218 | 16704 | 76.6 |
| NCZ-CR-0069 | 208642 | 8062513 | Rock Chip | REVIEW1202 | 21 | 0.8 | 6 | <1000 | - |
| NCZ-CR-0070 | 208648 | 8062580 | Rock Chip | REVIEW1202 | 16 | 1 | 26 | 3328 | 128.0 |
| NCZ-CR-0071 | 208679 | 8062581 | Rock Chip | REVIEW1202 | <10 | 0.2 | 8 | 1037 | 129.6 |
| NCZ-CR-0072 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 15 | <0.1 | <3 | <1000 | - |
| NCZ-CR-0073 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 19 | 0.2 | 4 | <1000 | - |
| NCZ-CR-0074 | 211700 | 8062064 | Rock Chip | REVIEW1202 | 20 | 0.2 | 13 | 3009 | 231.5 |
| NCZ-CR-0075 | 208778.7648 | 8062295.7551 | Rock Chip | **HOLD1203** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0076 | 208762.6951 | 8062314.9062 | Rock Chip | **HOLD1203** | 16 | 0.6 | 5 | <1000 | - |
| NCZ-CR-0077 | 208746.6254 | 8062334.0573 | Rock Chip | **HOLD1203** | <10 | 1.1 | 9 | 1562 | 173.6 |
| NCZ-CR-0078 | 208730.5557 | 8062353.2084 | Rock Chip | **HOLD1203** | <10 | 1.3 | 8 | 1211 | 151.4 |
| NCZ-CR-0079 | 208714.486 | 8062372.3595 | Rock Chip | **HOLD1203** | <10 | 1 | 8 | 1223 | 152.9 |
| NCZ-CR-0080 | 208698.4163 | 8062391.5106 | Rock Chip | **HOLD1203** | <10 | 1.1 | 20 | 3197 | 159.9 |
| NCZ-CR-0081 | 208682.3466 | 8062410.6617 | Rock Chip | **HOLD1203** | 29 | 0.8 | 10 | 1273 | 127.3 |
| NCZ-CR-0082 | 208666.2769 | 8062429.8128 | Rock Chip | **HOLD1203** | 40 | 0.6 | 4 | <1000 | - |
| NCZ-CR-0083 | 208650.2072 | 8062448.9639 | Rock Chip | **HOLD1203** | 15 | 0.6 | 4 | <1000 | - |
| NCZ-CR-0084 | 208634.1375 | 8062468.115 | Rock Chip | **HOLD1203** | 18 | 0.6 | 4 | <1000 | - |
| NCZ-CR-0085 | 208618.0678 | 8062487.2661 | Rock Chip | **HOLD1203** | 21 | 0.4 | 5 | <1000 | - |
| NCZ-CR-0086 | 208601.9981 | 8062506.4172 | Rock Chip | **HOLD1203** | 11 | 0.4 | 8 | 1410 | 176.3 |
| NCZ-CR-0087 | 208585.9284 | 8062525.5683 | Rock Chip | **HOLD1203** | <10 | 0.2 | 4 | <1000 | - |
| NCZ-CR-0088 | 208569.8587 | 8062544.7194 | Rock Chip | **HOLD1203** | 11 | 0.2 | 4 | <1000 | - |
| NCZ-CR-0089 | 208553.789 | 8062563.8705 | Rock Chip | **HOLD1203** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0090 | 208537.7193 | 8062583.0216 | Rock Chip | **HOLD1203** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0091 | 208521.6496 | 8062602.1727 | Rock Chip | **HOLD1203** | 16 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0092 | 208559.9518 | 8062634.3121 | Rock Chip | **HOLD1203** | 28 | 0.1 | <3 | <1000 | - |
| NCZ-CR-0093 | 208576.0215 | 8062615.161 | Rock Chip | **HOLD1203** | 19 | 0.1 | <3 | <1000 | - |
| NCZ-CR-0094 | 208592.0912 | 8062596.0099 | Rock Chip | **HOLD1203** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0095 | 208608.1609 | 8062576.8588 | Rock Chip | **HOLD1203** | 32 | 1.7 | 44 | 8444 | 191.9 |
| NCZ-CR-0096 | 208624.2306 | 8062557.7077 | Rock Chip | **HOLD1203** | <10 | 0.5 | 6 | <1000 | - |
| NCZ-CR-0097 | 208640.3003 | 8062538.5566 | Rock Chip | **HOLD1203** | 14 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0098 | 208657.366384 | 8062521.80393 | Rock Chip | **HOLD1203** | 16 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0099 | 208673.4361 | 8062502.6528 | Rock Chip | **HOLD1203** | 14 | 0.3 | 4 | <1000 | - |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0100 to NCZ-CR-0137

ATLANTICO
ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0100 | 208689.5058 | 8062483.5017 | Rock Chip | **HOLD1203** | 574.3 | 125.2 | 21.8 | 52 | 69.9 |
| NCZ-CR-0101 | 208705.5755 | 8062464.3506 | Rock Chip | **HOLD1203** | 517.2 | 104.6 | 20.2 | 49 | 65.9 |
| NCZ-CR-0102 | 208721.645191 | 8062445.19949 | Rock Chip | **HOLD1203** | 498.7 | 103.5 | 20.8 | 54 | 72.6 |
| NCZ-CR-0103 | 208737.7149 | 8062426.0484 | Rock Chip | **HOLD1203** | 475.7 | 94.6 | 19.9 | 55 | 73.9 |
| NCZ-CR-0104 | 208753.7846 | 8062406.8973 | Rock Chip | **HOLD1203** | 288.5 | 53.8 | 18.6 | 56 | 75.3 |
| NCZ-CR-0105 | 208769.8543 | 8062387.7462 | Rock Chip | **HOLD1203** | 335.3 | 59.3 | 17.7 | 59 | 79.3 |
| NCZ-CR-0106 | 208785.924 | 8062368.5951 | Rock Chip | **HOLD1203** | 435.0 | 73.9 | 17.0 | 64 | 86.0 |
| NCZ-CR-0107 | 208801.9937 | 8062349.444 | Rock Chip | **HOLD1203** | 347.0 | 57.0 | 16.4 | 69 | 92.7 |
| NCZ-CR-0108 | 208817.067 | 8062327.8945 | Rock Chip | **HOLD1203** | 264.2 | 44.7 | 16.9 | 70 | 94.1 |
| NCZ-CR-0109 | 208855.3692 | 8062360.0339 | Rock Chip | **HOLD1203** | 400.4 | 73.2 | 18.3 | 65 | 87.4 |
| NCZ-CR-0110 | 208839.2995 | 8062379.185 | Rock Chip | **HOLD1203** | 474.9 | 88.5 | 18.6 | 65 | 87.4 |
| NCZ-CR-0111 | 208823.2298 | 8062398.3361 | Rock Chip | **HOLD1203** | 322.5 | 59.8 | 18.5 | 56 | 75.3 |
| NCZ-CR-0112 | 208807.1601 | 8062417.4872 | Rock Chip | **HOLD1203** | 593.8 | 166.5 | 28.0 | 53 | 71.2 |
| NCZ-CR-0113 | 208791.0904 | 8062436.6383 | Rock Chip | **HOLD1203** | 358.5 | 69.1 | 19.3 | 54 | 72.6 |
| NCZ-CR-0114 | 208775.0207 | 8062455.7894 | Rock Chip | **HOLD1203** | 318.0 | 63.3 | 19.9 | 60 | 80.7 |
| NCZ-CR-0115 | 208758.951 | 8062474.9405 | Rock Chip | **HOLD1203** | 379.2 | 81.6 | 21.5 | 57 | 76.6 |
| NCZ-CR-0116 | 208742.8813 | 8062494.0916 | Rock Chip | **HOLD1203** | 488.9 | 106.5 | 21.8 | 48 | 64.5 |
| NCZ-CR-0117 | 208726.8116 | 8062513.2427 | Rock Chip | **HOLD1203** | 380.1 | 76.0 | 20.0 | 55 | 73.9 |
| NCZ-CR-0118 | 208710.7419 | 8062532.3938 | Rock Chip | **HOLD1203** | 328.6 | 56.1 | 17.1 | 57 | 76.6 |
| NCZ-CR-0119 | 208694.6722 | 8062551.5449 | Rock Chip | **HOLD1203** | 261.7 | 47.3 | 18.1 | 56 | 75.3 |
| NCZ-CR-0120 | 208678.6025 | 8062570.696 | Rock Chip | **HOLD1203** | 159.6 | 25.7 | 16.1 | 53 | 71.2 |
| NCZ-CR-0121 | 208662.5328 | 8062589.8471 | Rock Chip | **HOLD1203** | 351.7 | 55.0 | 15.6 | 53 | 71.2 |
| NCZ-CR-0122 | 208646.4631 | 8062608.9982 | Rock Chip | **HOLD1203** | 208.7 | 32.0 | 15.3 | 40 | 53.8 |
| NCZ-CR-0123 | 208630.3934 | 8062628.1493 | Rock Chip | **HOLD1203** | 477.0 | 75.0 | 15.7 | 66 | 88.7 |
| NCZ-CR-0124 | 208614.3237 | 8062647.3004 | Rock Chip | **HOLD1203** | 385.9 | 61.3 | 15.9 | 60 | 80.7 |
| NCZ-CR-0125 | 208598.254 | 8062666.4515 | Rock Chip | **ISSUE1205** | 344.1 | 45.7 | 13.3 | 57 | 76.6 |
| NCZ-CR-0126 | 208636.5562 | 8062698.5909 | Rock Chip | **ISSUE1205** | 412.4 | 70.3 | 17.0 | 63 | 84.7 |
| NCZ-CR-0127 | 208652.6259 | 8062679.4398 | Rock Chip | **ISSUE1205** | 350.5 | 55.6 | 15.9 | 54 | 72.6 |
| NCZ-CR-0128 | 208668.6956 | 8062660.2887 | Rock Chip | **ISSUE1205** | 304.7 | 49.8 | 16.4 | 58 | 78.0 |
| NCZ-CR-0129 | 208684.7653 | 8062641.1376 | Rock Chip | **ISSUE1205** | 318.6 | 44.4 | 13.9 | 46 | 61.8 |
| NCZ-CR-0130 | 208700.835 | 8062621.9865 | Rock Chip | **ISSUE1205** | 281.9 | 41.2 | 14.6 | 48 | 64.5 |
| NCZ-CR-0131 | 208716.9047 | 8062602.8354 | Rock Chip | **ISSUE1205** | 185.4 | 33.2 | 17.9 | 52 | 69.9 |
| NCZ-CR-0132 | 208732.9744 | 8062583.6843 | Rock Chip | **ISSUE1205** | 181.2 | 29.0 | 16.0 | 53 | 71.2 |
| NCZ-CR-0133 | 208749.0441 | 8062564.5332 | Rock Chip | **ISSUE1205** | 224.8 | 32.0 | 14.2 | 53 | 71.2 |
| NCZ-CR-0134 | 208765.1138 | 8062545.3821 | Rock Chip | **ISSUE1205** | 226.7 | 32.6 | 14.4 | 58 | 78.0 |
| NCZ-CR-0135 | 208781.1835 | 8062526.231 | Rock Chip | **ISSUE1205** | 263.3 | 35.4 | 13.4 | 54 | 72.6 |
| NCZ-CR-0136 | 208797.2532 | 8062507.0799 | Rock Chip | **ISSUE1205** | 315.7 | 39.1 | 12.4 | 50 | 67.2 |
| NCZ-CR-0137 | 208813.3229 | 8062487.9288 | Rock Chip | **ISSUE1205** | 310.1 | 41.9 | 13.5 | 50 | 67.2 |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0100 to NCZ-CR-0137

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0100 | 208689.5058 | 8062483.5017 | Rock Chip | **HOLD1203** | 89.34 | 26.52 | 7.82 | 1.52 | 115.9 | 9.3 |
| NCZ-CR-0101 | 208705.5755 | 8062464.3506 | Rock Chip | **HOLD1203** | 71.27 | 20.91 | 10.78 | 1.68 | 92.2 | 12.5 |
| NCZ-CR-0102 | 208721.645191 | 8062445.19949 | Rock Chip | **HOLD1203** | 71.27 | 22.19 | 8.61 | 1.48 | 93.5 | 10.1 |
| NCZ-CR-0103 | 208737.7149 | 8062426.0484 | Rock Chip | **HOLD1203** | 61.93 | 19.00 | 11.81 | 1.82 | 80.9 | 13.6 |
| NCZ-CR-0104 | 208753.7846 | 8062406.8973 | Rock Chip | **HOLD1203** | 34.87 | 12.25 | 5.80 | 0.86 | 47.1 | 6.7 |
| NCZ-CR-0105 | 208769.8543 | 8062387.7462 | Rock Chip | **HOLD1203** | 38.14 | 14.06 | 6.16 | 0.98 | 52.2 | 7.1 |
| NCZ-CR-0106 | 208785.924 | 8062368.5951 | Rock Chip | **HOLD1203** | 45.02 | 15.82 | 11.42 | 1.63 | 60.8 | 13.1 |
| NCZ-CR-0107 | 208801.9937 | 8062349.444 | Rock Chip | **HOLD1203** | 35.46 | 14.12 | 6.54 | 0.86 | 49.6 | 7.4 |
| NCZ-CR-0108 | 208817.067 | 8062327.8945 | Rock Chip | **HOLD1203** | 28.34 | 10.91 | 4.76 | 0.69 | 39.3 | 5.5 |
| NCZ-CR-0109 | 208855.3692 | 8062360.0339 | Rock Chip | **HOLD1203** | 48.40 | 16.66 | 7.00 | 1.15 | 65.1 | 8.2 |
| NCZ-CR-0110 | 208839.2995 | 8062379.185 | Rock Chip | **HOLD1203** | 59.49 | 19.79 | 7.95 | 1.32 | 79.3 | 9.3 |
| NCZ-CR-0111 | 208823.2298 | 8062398.3361 | Rock Chip | **HOLD1203** | 39.66 | 14.33 | 5.02 | 0.78 | 54.0 | 5.8 |
| NCZ-CR-0112 | 208807.1601 | 8062417.4872 | Rock Chip | **HOLD1203** | 133.20 | 21.41 | 10.28 | 1.59 | 154.6 | 11.9 |
| NCZ-CR-0113 | 208791.0904 | 8062436.6383 | Rock Chip | **HOLD1203** | 45.96 | 15.03 | 7.06 | 1.05 | 61.0 | 8.1 |
| NCZ-CR-0114 | 208775.0207 | 8062455.7894 | Rock Chip | **HOLD1203** | 42.34 | 13.62 | 6.37 | 0.99 | 56.0 | 7.4 |
| NCZ-CR-0115 | 208758.951 | 8062474.9405 | Rock Chip | **HOLD1203** | 56.69 | 18.40 | 5.53 | 0.95 | 75.1 | 6.5 |
| NCZ-CR-0116 | 208742.8813 | 8062494.0916 | Rock Chip | **HOLD1203** | 75.00 | 23.58 | 6.62 | 1.27 | 98.6 | 7.9 |
| NCZ-CR-0117 | 208726.8116 | 8062513.2427 | Rock Chip | **HOLD1203** | 51.09 | 18.04 | 5.86 | 0.99 | 69.1 | 6.9 |
| NCZ-CR-0118 | 208710.7419 | 8062532.3938 | Rock Chip | **HOLD1203** | 29.74 | 10.46 | 14.09 | 1.75 | 40.2 | 15.8 |
| NCZ-CR-0119 | 208694.6722 | 8062551.5449 | Rock Chip | **HOLD1203** | 29.28 | 10.77 | 6.38 | 0.85 | 40.0 | 7.2 |
| NCZ-CR-0120 | 208678.6025 | 8062570.696 | Rock Chip | **HOLD1203** | 14.46 | 5.82 | 4.74 | 0.64 | 20.3 | 5.4 |
| NCZ-CR-0121 | 208662.5328 | 8062589.8471 | Rock Chip | **HOLD1203** | 29.39 | 10.72 | 13.19 | 1.67 | 40.1 | 14.9 |
| NCZ-CR-0122 | 208646.4631 | 8062608.9982 | Rock Chip | **HOLD1203** | 19.25 | 8.47 | 3.76 | 0.54 | 27.7 | 4.3 |
| NCZ-CR-0123 | 208630.3934 | 8062628.1493 | Rock Chip | **HOLD1203** | 42.92 | 15.89 | 14.17 | 1.98 | 58.8 | 16.1 |
| NCZ-CR-0124 | 208614.3237 | 8062647.3004 | Rock Chip | **HOLD1203** | 32.08 | 12.70 | 14.63 | 1.94 | 44.8 | 16.6 |
| NCZ-CR-0125 | 208598.254 | 8062666.4515 | Rock Chip | **ISSUE1205** | 24.38 | 9.54 | 10.49 | 1.33 | 33.9 | 11.8 |
| NCZ-CR-0126 | 208636.5562 | 8062698.5909 | Rock Chip | **ISSUE1205** | 42.34 | 13.76 | 12.56 | 1.60 | 56.1 | 14.2 |
| NCZ-CR-0127 | 208652.6259 | 8062679.4398 | Rock Chip | **ISSUE1205** | 30.79 | 10.95 | 12.28 | 1.54 | 41.7 | 13.8 |
| NCZ-CR-0128 | 208668.6956 | 8062660.2887 | Rock Chip | **ISSUE1205** | 30.56 | 11.55 | 6.84 | 0.88 | 42.1 | 7.7 |
| NCZ-CR-0129 | 208684.7653 | 8062641.1376 | Rock Chip | **ISSUE1205** | 25.66 | 10.64 | 7.17 | 0.89 | 36.3 | 8.1 |
| NCZ-CR-0130 | 208700.835 | 8062621.9865 | Rock Chip | **ISSUE1205** | 25.08 | 10.26 | 5.13 | 0.69 | 35.3 | 5.8 |
| NCZ-CR-0131 | 208716.9047 | 8062602.8354 | Rock Chip | **ISSUE1205** | 20.53 | 6.43 | 5.59 | 0.68 | 27.0 | 6.3 |
| NCZ-CR-0132 | 208732.9744 | 8062583.6843 | Rock Chip | **ISSUE1205** | 16.33 | 6.10 | 5.92 | 0.68 | 22.4 | 6.6 |
| NCZ-CR-0133 | 208749.0441 | 8062564.5332 | Rock Chip | **ISSUE1205** | 16.10 | 6.15 | 8.78 | 0.99 | 22.2 | 9.8 |
| NCZ-CR-0134 | 208765.1138 | 8062545.3821 | Rock Chip | **ISSUE1205** | 16.91 | 6.38 | 8.31 | 0.96 | 23.3 | 9.3 |
| NCZ-CR-0135 | 208781.1835 | 8062526.231 | Rock Chip | **ISSUE1205** | 17.85 | 7.10 | 9.37 | 1.09 | 24.9 | 10.5 |
| NCZ-CR-0136 | 208797.2532 | 8062507.0799 | Rock Chip | **ISSUE1205** | 22.16 | 9.64 | 6.50 | 0.82 | 31.8 | 7.3 |
| NCZ-CR-0137 | 208813.3229 | 8062487.9288 | Rock Chip | **ISSUE1205** | 22.98 | 9.85 | 8.05 | 1.07 | 32.8 | 9.1 |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0100 to NCZ-CR-0137

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0100 | 208689.5058 | 8062483.5017 | Rock Chip | **HOLD1203** | <10 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0101 | 208705.5755 | 8062464.3506 | Rock Chip | **HOLD1203** | <10 | 0.3 | 5 | <1000 | - |
| NCZ-CR-0102 | 208721.645191 | 8062445.19949 | Rock Chip | **HOLD1203** | <10 | 0.5 | 5 | <1000 | - |
| NCZ-CR-0103 | 208737.7149 | 8062426.0484 | Rock Chip | **HOLD1203** | 13 | 0.5 | 3 | <1000 | - |
| NCZ-CR-0104 | 208753.7846 | 8062406.8973 | Rock Chip | **HOLD1203** | 14 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0105 | 208769.8543 | 8062387.7462 | Rock Chip | **HOLD1203** | <10 | 0.4 | 4 | <1000 | - |
| NCZ-CR-0106 | 208785.924 | 8062368.5951 | Rock Chip | **HOLD1203** | <10 | <0.1 | <3 | <1000 | - |
| NCZ-CR-0107 | 208801.9937 | 8062349.444 | Rock Chip | **HOLD1203** | 35 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0108 | 208817.067 | 8062327.8945 | Rock Chip | **HOLD1203** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0109 | 208855.3692 | 8062360.0339 | Rock Chip | **HOLD1203** | <10 | <0.1 | <3 | <1000 | - |
| NCZ-CR-0110 | 208839.2995 | 8062379.185 | Rock Chip | **HOLD1203** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0111 | 208823.2298 | 8062398.3361 | Rock Chip | **HOLD1203** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0112 | 208807.1601 | 8062417.4872 | Rock Chip | **HOLD1203** | <10 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0113 | 208791.0904 | 8062436.6383 | Rock Chip | **HOLD1203** | 22 | 0.5 | <3 | <1000 | - |
| NCZ-CR-0114 | 208775.0207 | 8062455.7894 | Rock Chip | **HOLD1203** | 17 | 0.4 | <3 | <1000 | - |
| NCZ-CR-0115 | 208758.951 | 8062474.9405 | Rock Chip | **HOLD1203** | <10 | 0.2 | 3 | <1000 | - |
| NCZ-CR-0116 | 208742.8813 | 8062494.0916 | Rock Chip | **HOLD1203** | 21 | 0.2 | 4 | <1000 | - |
| NCZ-CR-0117 | 208726.8116 | 8062513.2427 | Rock Chip | **HOLD1203** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0118 | 208710.7419 | 8062532.3938 | Rock Chip | **HOLD1203** | <10 | 0.1 | <3 | <1000 | - |
| NCZ-CR-0119 | 208694.6722 | 8062551.5449 | Rock Chip | **HOLD1203** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0120 | 208678.6025 | 8062570.696 | Rock Chip | **HOLD1203** | 11 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0121 | 208662.5328 | 8062589.8471 | Rock Chip | **HOLD1203** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0122 | 208646.4631 | 8062608.9982 | Rock Chip | **HOLD1203** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0123 | 208630.3934 | 8062628.1493 | Rock Chip | **HOLD1203** | <10 | 0.2 | 11 | 1777 | 161.5 |
| NCZ-CR-0124 | 208614.3237 | 8062647.3004 | Rock Chip | **HOLD1203** | 15 | 0.3 | 5 | <1000 | - |
| NCZ-CR-0125 | 208598.254 | 8062666.4515 | Rock Chip | **ISSUE1205** | <10 | 0.8 | 8 | 1242 | 155.3 |
| NCZ-CR-0126 | 208636.5562 | 8062698.5909 | Rock Chip | **ISSUE1205** | <10 | 0.8 | 6 | 1187 | 197.8 |
| NCZ-CR-0127 | 208652.6259 | 8062679.4398 | Rock Chip | **ISSUE1205** | <10 | 0.8 | 5 | <1000 | - |
| NCZ-CR-0128 | 208668.6956 | 8062660.2887 | Rock Chip | **ISSUE1205** | <10 | 0.6 | 4 | <1000 | - |
| NCZ-CR-0129 | 208684.7653 | 8062641.1376 | Rock Chip | **ISSUE1205** | <10 | 0.5 | 4 | <1000 | - |
| NCZ-CR-0130 | 208700.835 | 8062621.9865 | Rock Chip | **ISSUE1205** | <10 | 0.5 | 4 | <1000 | - |
| NCZ-CR-0131 | 208716.9047 | 8062602.8354 | Rock Chip | **ISSUE1205** | <10 | 0.5 | <3 | <1000 | - |
| NCZ-CR-0132 | 208732.9744 | 8062583.6843 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0133 | 208749.0441 | 8062564.5332 | Rock Chip | **ISSUE1205** | <10 | 0.5 | <3 | <1000 | - |
| NCZ-CR-0134 | 208765.1138 | 8062545.3821 | Rock Chip | **ISSUE1205** | <10 | 0.4 | <3 | <1000 | - |
| NCZ-CR-0135 | 208781.1835 | 8062526.231 | Rock Chip | **ISSUE1205** | <10 | 0.4 | 4 | <1000 | - |
| NCZ-CR-0136 | 208797.2532 | 8062507.0799 | Rock Chip | **ISSUE1205** | 14 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0137 | 208813.3229 | 8062487.9288 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 4 | <1000 | - |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0138 to NCZ-CR-0175

ATLANTICO
ENERGY METALS

**PRINCIPAL RESULTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | TREO (ppm) | MREO (ppm) | MREO (%) | Ga (ppm) | $Ga_2O_3$ (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0138 | 208829.392591 | 8062468.77769 | Rock Chip | **ISSUE1205** | 231.9 | 41.5 | 17.9 | 52 | 69.9 |
| NCZ-CR-0139 | 208845.4623 | 8062449.6266 | Rock Chip | **ISSUE1205** | 169.7 | 28.6 | 16.9 | 47 | 63.2 |
| NCZ-CR-0140 | 208861.532 | 8062430.4755 | Rock Chip | **ISSUE1205** | 169.9 | 33.3 | 19.6 | 49 | 65.9 |
| NCZ-CR-0141 | 208877.6017 | 8062411.3244 | Rock Chip | **ISSUE1205** | 203.2 | 34.8 | 17.1 | 52 | 69.9 |
| NCZ-CR-0142 | 208893.6714 | 8062392.1733 | Rock Chip | **ISSUE1205** | 208.0 | 34.3 | 16.5 | 59 | 79.3 |
| NCZ-CR-0143 | 208931.9737 | 8062424.3127 | Rock Chip | **ISSUE1205** | 183.0 | 35.5 | 19.4 | 56 | 75.3 |
| NCZ-CR-0144 | 208915.904 | 8062443.4638 | Rock Chip | **ISSUE1205** | 225.3 | 38.2 | 16.9 | 55 | 73.9 |
| NCZ-CR-0145 | 208899.8343 | 8062462.6149 | Rock Chip | **ISSUE1205** | 265.9 | 48.8 | 18.4 | 55 | 73.9 |
| NCZ-CR-0146 | 208883.7646 | 8062481.766 | Rock Chip | **ISSUE1205** | 495.8 | 92.7 | 18.7 | 46 | 61.8 |
| NCZ-CR-0147 | 208867.6949 | 8062500.9171 | Rock Chip | **ISSUE1205** | 457.0 | 86.7 | 19.0 | 52 | 69.9 |
| NCZ-CR-0148 | 208851.6252 | 8062520.0682 | Rock Chip | **ISSUE1205** | 519.0 | 95.6 | 18.4 | 51 | 68.6 |
| NCZ-CR-0149 | 208835.5555 | 8062539.2193 | Rock Chip | **ISSUE1205** | 727.6 | 145.6 | 20.0 | 50 | 67.2 |
| NCZ-CR-0150 | 208819.4858 | 8062558.3704 | Rock Chip | **ISSUE1205** | 242.0 | 44.3 | 18.3 | 59 | 79.3 |
| NCZ-CR-0151 | 208803.4161 | 8062577.5215 | Rock Chip | **ISSUE1205** | 304.4 | 56.6 | 18.6 | 60 | 80.7 |
| NCZ-CR-0152 | 208787.3464 | 8062596.6726 | Rock Chip | **ISSUE1205** | 460.6 | 91.0 | 19.8 | 59 | 79.3 |
| NCZ-CR-0153 | 208723.0676 | 8062673.277 | Rock Chip | **ISSUE1205** | 313.6 | 56.5 | 18.0 | 59 | 79.3 |
| NCZ-CR-0154 | 208755.207 | 8062634.9748 | Rock Chip | **ISSUE1205** | 461.4 | 84.2 | 18.3 | 54 | 72.6 |
| NCZ-CR-0155 | 208771.2767 | 8062615.8237 | Rock Chip | **ISSUE1205** | 222.1 | 39.3 | 17.7 | 56 | 75.3 |
| NCZ-CR-0156 | 208739.1373 | 8062654.1259 | Rock Chip | **ISSUE1205** | 326.2 | 61.7 | 18.9 | 56 | 75.3 |
| NCZ-CR-0157 | 208706.9979 | 8062692.4281 | Rock Chip | **ISSUE1205** | 234.1 | 40.8 | 17.4 | 59 | 79.3 |
| NCZ-CR-0158 | 208690.9282 | 8062711.5792 | Rock Chip | **ISSUE1205** | 254.7 | 40.9 | 16.0 | 58 | 78.0 |
| NCZ-CR-0159 | 208674.85846 | 8062730.73032 | Rock Chip | **ISSUE1205** | 189.7 | 30.8 | 16.2 | 54 | 72.6 |
| NCZ-CR-0160 | 208713.160682 | 8062762.8697 | Rock Chip | **ISSUE1205** | 283.2 | 48.8 | 17.2 | 60 | 80.7 |
| NCZ-CR-0161 | 208729.2304 | 8062743.7186 | Rock Chip | **ISSUE1205** | 281.6 | 40.8 | 14.5 | 57 | 76.6 |
| NCZ-CR-0162 | 208745.3001 | 8062724.5675 | Rock Chip | **ISSUE1205** | 266.7 | 38.5 | 14.4 | 58 | 78.0 |
| NCZ-CR-0163 | 208761.369791 | 8062705.41639 | Rock Chip | **ISSUE1205** | 204.1 | 31.5 | 15.4 | 68 | 91.4 |
| NCZ-CR-0164 | 208777.4395 | 8062686.2653 | Rock Chip | **ISSUE1205** | 217.0 | 38.0 | 17.5 | 66 | 88.7 |
| NCZ-CR-0165 | 208793.5092 | 8062667.1142 | Rock Chip | **ISSUE1205** | 264.1 | 42.0 | 15.9 | 63 | 84.7 |
| NCZ-CR-0166 | 208809.5789 | 8062647.9631 | Rock Chip | **ISSUE1205** | 282.1 | 40.5 | 14.3 | 58 | 78.0 |
| NCZ-CR-0167 | 208825.6486 | 8062628.812 | Rock Chip | **ISSUE1205** | 286.1 | 40.8 | 14.3 | 69 | 92.7 |
| NCZ-CR-0168 | 208841.7183 | 8062609.6609 | Rock Chip | **ISSUE1205** | 162.1 | 26.3 | 16.3 | 60 | 80.7 |
| NCZ-CR-0169 | 208857.788 | 8062590.5098 | Rock Chip | **ISSUE1205** | 175.1 | 27.5 | 15.7 | 61 | 82.0 |
| NCZ-CR-0170 | 208873.8577 | 8062571.3587 | Rock Chip | **ISSUE1205** | 196.1 | 31.3 | 16.0 | 61 | 82.0 |
| NCZ-CR-0171 | 208889.9274 | 8062552.2076 | Rock Chip | **ISSUE1205** | 259.2 | 47.4 | 18.3 | 58 | 78.0 |
| NCZ-CR-0172 | 208905.9971 | 8062533.0565 | Rock Chip | **ISSUE1205** | 206.5 | 38.4 | 18.6 | 53 | 71.2 |
| NCZ-CR-0173 | 208922.0668 | 8062513.9054 | Rock Chip | **ISSUE1205** | 325.0 | 61.3 | 18.9 | 51 | 68.6 |
| NCZ-CR-0174 | 208938.1365 | 8062494.7543 | Rock Chip | **ISSUE1205** | 336.4 | 61.2 | 18.2 | 52 | 69.9 |
| NCZ-CR-0175 | 208954.2062 | 8062475.6032 | Rock Chip | **ISSUE1205** | 266.4 | 37.8 | 14.2 | 72 | 96.8 |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0138 to NCZ-CR-0175

ATLANTICO
ENERGY METALS

**MAGNET REE OXIDE EQUIVALENTS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | $Nd_2O_3$ (ppm) | $Pr_6O_{11}$ (ppm) | $Dy_2O_3$ (ppm) | $Tb_4O_7$ (ppm) | NdPr (ppm) | DyTb (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0138 | 208829.392591 | 8062468.77769 | Rock Chip | **ISSUE1205** | 22.51 | 7.61 | 10.18 | 1.21 | 30.1 | 11.4 |
| NCZ-CR-0139 | 208845.4623 | 8062449.6266 | Rock Chip | **ISSUE1205** | 14.70 | 5.75 | 7.37 | 0.82 | 20.4 | 8.2 |
| NCZ-CR-0140 | 208861.532 | 8062430.4755 | Rock Chip | **ISSUE1205** | 20.53 | 6.94 | 5.21 | 0.66 | 27.5 | 5.9 |
| NCZ-CR-0141 | 208877.6017 | 8062411.3244 | Rock Chip | **ISSUE1205** | 18.08 | 6.77 | 8.79 | 1.13 | 24.8 | 9.9 |
| NCZ-CR-0142 | 208893.6714 | 8062392.1733 | Rock Chip | **ISSUE1205** | 16.91 | 6.14 | 10.09 | 1.19 | 23.1 | 11.3 |
| NCZ-CR-0143 | 208931.9737 | 8062424.3127 | Rock Chip | **ISSUE1205** | 21.93 | 7.83 | 5.08 | 0.68 | 29.8 | 5.8 |
| NCZ-CR-0144 | 208915.904 | 8062443.4638 | Rock Chip | **ISSUE1205** | 20.88 | 7.53 | 8.56 | 1.19 | 28.4 | 9.7 |
| NCZ-CR-0145 | 208899.8343 | 8062462.6149 | Rock Chip | **ISSUE1205** | 28.46 | 9.39 | 9.70 | 1.25 | 37.8 | 10.9 |
| NCZ-CR-0146 | 208883.7646 | 8062481.766 | Rock Chip | **ISSUE1205** | 61.23 | 20.23 | 9.93 | 1.28 | 81.5 | 11.2 |
| NCZ-CR-0147 | 208867.6949 | 8062500.9171 | Rock Chip | **ISSUE1205** | 58.67 | 18.88 | 8.00 | 1.12 | 77.6 | 9.1 |
| NCZ-CR-0148 | 208851.6252 | 8062520.0682 | Rock Chip | **ISSUE1205** | 61.70 | 19.92 | 12.26 | 1.76 | 81.6 | 14.0 |
| NCZ-CR-0149 | 208835.5555 | 8062539.2193 | Rock Chip | **ISSUE1205** | 99.38 | 31.75 | 12.49 | 2.03 | 131.1 | 14.5 |
| NCZ-CR-0150 | 208819.4858 | 8062558.3704 | Rock Chip | **ISSUE1205** | 30.21 | 11.03 | 2.66 | 0.45 | 41.2 | 3.1 |
| NCZ-CR-0151 | 208803.4161 | 8062577.5215 | Rock Chip | **ISSUE1205** | 36.97 | 12.41 | 6.31 | 0.94 | 49.4 | 7.3 |
| NCZ-CR-0152 | 208787.3464 | 8062596.6726 | Rock Chip | **ISSUE1205** | 62.17 | 20.88 | 6.75 | 1.22 | 83.0 | 8.0 |
| NCZ-CR-0153 | 208723.0676 | 8062673.277 | Rock Chip | **ISSUE1205** | 35.57 | 12.53 | 7.33 | 1.11 | 48.1 | 8.4 |
| NCZ-CR-0154 | 208755.207 | 8062634.9748 | Rock Chip | **ISSUE1205** | 53.07 | 17.49 | 11.89 | 1.78 | 70.6 | 13.7 |
| NCZ-CR-0155 | 208771.2767 | 8062615.8237 | Rock Chip | **ISSUE1205** | 25.08 | 8.32 | 5.18 | 0.75 | 33.4 | 5.9 |
| NCZ-CR-0156 | 208739.1373 | 8062654.1259 | Rock Chip | **ISSUE1205** | 40.59 | 13.68 | 6.51 | 0.96 | 54.3 | 7.5 |
| NCZ-CR-0157 | 208706.9979 | 8062692.4281 | Rock Chip | **ISSUE1205** | 26.01 | 8.93 | 5.15 | 0.67 | 34.9 | 5.8 |
| NCZ-CR-0158 | 208690.9282 | 8062711.5792 | Rock Chip | **ISSUE1205** | 22.04 | 8.09 | 9.54 | 1.18 | 30.1 | 10.7 |
| NCZ-CR-0159 | 208674.85846 | 8062730.73032 | Rock Chip | **ISSUE1205** | 17.03 | 5.74 | 7.15 | 0.83 | 22.8 | 8.0 |
| NCZ-CR-0160 | 208713.160682 | 8062762.8697 | Rock Chip | **ISSUE1205** | 28.34 | 11.12 | 8.31 | 1.05 | 39.5 | 9.4 |
| NCZ-CR-0161 | 208729.2304 | 8062743.7186 | Rock Chip | **ISSUE1205** | 20.76 | 8.12 | 10.62 | 1.26 | 28.9 | 11.9 |
| NCZ-CR-0162 | 208745.3001 | 8062724.5675 | Rock Chip | **ISSUE1205** | 19.60 | 7.38 | 10.32 | 1.18 | 27.0 | 11.5 |
| NCZ-CR-0163 | 208761.369791 | 8062705.41639 | Rock Chip | **ISSUE1205** | 17.73 | 6.51 | 6.51 | 0.76 | 24.2 | 7.3 |
| NCZ-CR-0164 | 208777.4395 | 8062686.2653 | Rock Chip | **ISSUE1205** | 23.79 | 7.85 | 5.72 | 0.68 | 31.6 | 6.4 |
| NCZ-CR-0165 | 208793.5092 | 8062667.1142 | Rock Chip | **ISSUE1205** | 22.28 | 7.60 | 10.86 | 1.26 | 29.9 | 12.1 |
| NCZ-CR-0166 | 208809.5789 | 8062647.9631 | Rock Chip | **ISSUE1205** | 17.50 | 5.93 | 15.30 | 1.74 | 23.4 | 17.0 |
| NCZ-CR-0167 | 208825.6486 | 8062628.812 | Rock Chip | **ISSUE1205** | 17.85 | 5.62 | 15.52 | 1.80 | 23.5 | 17.3 |
| NCZ-CR-0168 | 208841.7183 | 8062609.6609 | Rock Chip | **ISSUE1205** | 13.53 | 5.01 | 6.97 | 0.82 | 18.5 | 7.8 |
| NCZ-CR-0169 | 208857.788 | 8062590.5098 | Rock Chip | **ISSUE1205** | 14.46 | 4.94 | 7.25 | 0.87 | 19.4 | 8.1 |
| NCZ-CR-0170 | 208873.8577 | 8062571.3587 | Rock Chip | **ISSUE1205** | 17.26 | 6.52 | 6.71 | 0.82 | 23.8 | 7.5 |
| NCZ-CR-0171 | 208889.9274 | 8062552.2076 | Rock Chip | **ISSUE1205** | 29.28 | 8.88 | 8.26 | 1.01 | 38.2 | 9.3 |
| NCZ-CR-0172 | 208905.9971 | 8062533.0565 | Rock Chip | **ISSUE1205** | 24.84 | 7.87 | 5.00 | 0.72 | 32.7 | 5.7 |
| NCZ-CR-0173 | 208922.0668 | 8062513.9054 | Rock Chip | **ISSUE1205** | 40.01 | 12.94 | 7.22 | 1.11 | 52.9 | 8.3 |
| NCZ-CR-0174 | 208938.1365 | 8062494.7543 | Rock Chip | **ISSUE1205** | 40.82 | 12.53 | 6.76 | 1.05 | 53.4 | 7.8 |
| NCZ-CR-0175 | 208954.2062 | 8062475.6032 | Rock Chip | **ISSUE1205** | 20.41 | 8.49 | 7.87 | 1.02 | 28.9 | 8.9 |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | Follow-up 114 | Rock Chip (source) | NCZ-CR-0138 to NCZ-CR-0175

ATLANTICO
ENERGY METALS

**LITHIUM & ALKALI PATHFINDERS | All 345 samples across three panels; identity repeats, not additional results**

| Sample ID | Easting (m) | Northing (m) | Sample Medium (Source) | Evidence / QA (key in notes) | Li (ppm) | Cs (ppm) | Rb (ppm) | K (ppm) | K/Rb |
|---|---|---|---|---|---|---|---|---|---|
| NCZ-CR-0138 | 208829.392591 | 8062468.77769 | Rock Chip | **ISSUE1205** | 12 | 0.4 | 5 | <1000 | - |
| NCZ-CR-0139 | 208845.4623 | 8062449.6266 | Rock Chip | **ISSUE1205** | 18 | 0.3 | 4 | 1058 | 264.5 |
| NCZ-CR-0140 | 208861.532 | 8062430.4755 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0141 | 208877.6017 | 8062411.3244 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0142 | 208893.6714 | 8062392.1733 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0143 | 208931.9737 | 8062424.3127 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0144 | 208915.904 | 8062443.4638 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0145 | 208899.8343 | 8062462.6149 | Rock Chip | **ISSUE1205** | <10 | 0.6 | <3 | <1000 | - |
| NCZ-CR-0146 | 208883.7646 | 8062481.766 | Rock Chip | **ISSUE1205** | <10 | 0.4 | <3 | <1000 | - |
| NCZ-CR-0147 | 208867.6949 | 8062500.9171 | Rock Chip | **ISSUE1205** | <10 | 0.4 | 4 | <1000 | - |
| NCZ-CR-0148 | 208851.6252 | 8062520.0682 | Rock Chip | **ISSUE1205** | 12 | 0.4 | 4 | 1083 | 270.8 |
| NCZ-CR-0149 | 208835.5555 | 8062539.2193 | Rock Chip | **ISSUE1205** | <10 | 0.4 | 4 | <1000 | - |
| NCZ-CR-0150 | 208819.4858 | 8062558.3704 | Rock Chip | **ISSUE1205** | 17 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0151 | 208803.4161 | 8062577.5215 | Rock Chip | **ISSUE1205** | <10 | 0.5 | <3 | <1000 | - |
| NCZ-CR-0152 | 208787.3464 | 8062596.6726 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0153 | 208723.0676 | 8062673.277 | Rock Chip | **ISSUE1205** | <10 | 0.4 | <3 | <1000 | - |
| NCZ-CR-0154 | 208755.207 | 8062634.9748 | Rock Chip | **ISSUE1205** | 12 | 0.7 | 4 | <1000 | - |
| NCZ-CR-0155 | 208771.2767 | 8062615.8237 | Rock Chip | **ISSUE1205** | <10 | 0.5 | 4 | <1000 | - |
| NCZ-CR-0156 | 208739.1373 | 8062654.1259 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0157 | 208706.9979 | 8062692.4281 | Rock Chip | **ISSUE1205** | <10 | 0.6 | 3 | <1000 | - |
| NCZ-CR-0158 | 208690.9282 | 8062711.5792 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 6 | 1282 | 213.7 |
| NCZ-CR-0159 | 208674.85846 | 8062730.73032 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0160 | 208713.160682 | 8062762.8697 | Rock Chip | **ISSUE1205** | <10 | 0.4 | 4 | 1094 | 273.5 |
| NCZ-CR-0161 | 208729.2304 | 8062743.7186 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0162 | 208745.3001 | 8062724.5675 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0163 | 208761.369791 | 8062705.41639 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0164 | 208777.4395 | 8062686.2653 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0165 | 208793.5092 | 8062667.1142 | Rock Chip | **ISSUE1205** | <10 | 0.4 | <3 | <1000 | - |
| NCZ-CR-0166 | 208809.5789 | 8062647.9631 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0167 | 208825.6486 | 8062628.812 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0168 | 208841.7183 | 8062609.6609 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0169 | 208857.788 | 8062590.5098 | Rock Chip | **ISSUE1205** | <10 | 0.3 | <3 | <1000 | - |
| NCZ-CR-0170 | 208873.8577 | 8062571.3587 | Rock Chip | **ISSUE1205** | <10 | 0.2 | <3 | <1000 | - |
| NCZ-CR-0171 | 208889.9274 | 8062552.2076 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 3 | <1000 | - |
| NCZ-CR-0172 | 208905.9971 | 8062533.0565 | Rock Chip | **ISSUE1205** | <10 | 0.3 | 4 | <1000 | - |
| NCZ-CR-0173 | 208922.0668 | 8062513.9054 | Rock Chip | **ISSUE1205** | <10 | 0.8 | 5 | <1000 | - |
| NCZ-CR-0174 | 208938.1365 | 8062494.7543 | Rock Chip | **ISSUE1205** | <10 | 0.9 | 5 | <1000 | - |
| NCZ-CR-0175 | 208954.2062 | 8062475.6032 | Rock Chip | **ISSUE1205** | <10 | 0.5 | <3 | <1000 | - |

Source Rock Chip label does not establish fresh bedrock. HOLD1203 and ISSUE1205 remain unresolved; REVIEW1202 is not a clearance.
Oxides are calculated equivalents; < retains a reporting limit; - is not zero. Read the shared definitions, source and QA notes on the final page.

# ATLANTICO | CONSOLIDATED ASSAY SCHEDULE

Novo Cruzeiro | All 345 samples | Shared definitions, sources and QA notes

ATLANTICO
ENERGY METALS

## Coverage & comparability

All 345 sample IDs are included: 170 first-pass stream-sediment samples, 61 first-pass samples labelled Rock Chip, and 114 March follow-up samples. Three analytical panels repeat identity and coordinates, not additional results. These 345 samples represent 337 distinct source coordinate pairs. Selected analytical fields are shown; this is not the full assay suite.

Sampling phases and media are not equivalent or necessarily representative. Sample Medium (Source) retains workbook labels, not an independent classification. In particular, the 114 follow-up samples must not be read as 114 fresh-bedrock samples. Descriptions include weathered material, saprolite and soils. Their laboratory preparation differs: GQ2601202 uses rock/core preparation; GQ2601203 and GQ2601205 use soil/sediment preparation with an 80-mesh sieve. Field descriptions are retained in the companion workbook.

## Evidence & QA key

HOLD1203: all 51 samples in certificate GQ2601203 are on hold for the unresolved OREAS460 REE+Y low-recovery concern, including NCZ-CR-0080 to NCZ-CR-0084. ISSUE1205: all 51 samples in GQ2601205 carry a separate unresolved QA issue flag; selected CRM exceptions remain. REVIEW1202 identifies the other 12 follow-up samples, not a clearance. Sample-to-certificate membership comes from the original SGS certificates; 50 source-workbook labels are inconsistent and are preserved separately in the workbook.

FP-C / FP-R / FP-W indicate first-pass evidence inventory tiers: original certificate located (49 IDs), raw laboratory export only (39), or workbook only (143). These are coverage flags, not QA passes. An asterisk marks GQ2515234, which also has an unresolved OREAS460 low-recovery concern. First-pass certificate coverage is incomplete. No sample bias correction has been applied; transcription agreement does not establish analytical accuracy or clear any batch.

## Reading values & calculations

Coordinates are in metres, UTM zone 24S, SIRGAS2000; source precision is retained and does not imply survey accuracy. Ambiguous collection dates are omitted here and retained as source text in the workbook. A leading < preserves a laboratory reporting limit; it is not an exact value. A dash means no calculated/reported value, not zero. No replacement values are imputed for censored inputs.

Ga, Li, Cs, Rb and K are elemental assays. Oxides are calculated equivalents, not measured mineral species or recoverable oxide; ppm = g/t. $Ga_2O_3$ = Ga x 1.3442. MREO = $Nd_2O_3$ + $Pr_6O_{11}$ + $Dy_2O_3$ + $Tb_4O_7$ (no Sm); NdPr and DyTb are the corresponding two-oxide sums. MREO (%) = MREO / TREO x 100. Rounded components may not sum exactly to displayed totals.

TREO includes $CeO_2$, $Dy_2O_3$, $Er_2O_3$, $Eu_2O_3$, $Gd_2O_3$, $Ho_2O_3$, $La_2O_3$, $Lu_2O_3$, $Nd_2O_3$, $Pr_6O_{11}$, $Sm_2O_3$, $Tb_4O_7$, $Tm_2O_3$, $Y_2O_3$ and $Yb_2O_3$. Phase-specific source factors are retained: first-pass / March $Nd_2O_3$ 1.1664 / 1.166377; $Pr_6O_{11}$ 1.2082 / 1.2082; $Dy_2O_3$ 1.1477 / 1.147683; $Tb_4O_7$ 1.1762 / 1.176. K/Rb uses elemental K divided by Rb only where the source provides a calculated ratio.

## Sources & precision

Ratified Atlantico public schedules govern published oxide results and displayed precision: Detailed Individual REE Oxide Results; Principal Results and Pathfinders; and March 2026 Assay Results — 114 Samples. First-pass published results retain two decimals and March published results one decimal. Additional March magnet components and first-pass gallium oxide are source-cached equivalents displayed to two decimals. Elemental results retain their source reporting precision.

The companion workbook is a static, frozen source reproduction, not a live calculation engine. Raw fields come from the ratified first-pass workbook and March 114-sample workbook; original SGS GQ2601202, GQ2601203 and GQ2601205 support follow-up elemental assays and membership. Public sources control any conflicts with legacy caches.