

1 May 2023

Encouraging XRF results from Drilling at Murraydium Rare Earths Project

- First phase of reconnaissance roadside Air Core drilling programme completed in the Bordertown Block targeting REE's in the shallow Loxton Parilla Sands
- pXRF results of up to 2,711 ppm combined Neodymium (Nd_2O_3) and Praseodymium (Pr_6O_{11}) *
- Consistent elevated levels of combined Nd/Pr with all 72 holes having intersections of >1,000 ppm based on XRF analysis
- All samples have been submitted to Bureau Veritas laboratory in Adelaide for confirmatory assay using industry standard chemical analysis
- Loxton Parilla Sands are the same formation that hosts Australian Rare Earths Ltd (ASX:AR3) Koppamurra Resource of 101mt @ 818 ppm TREO (Total Rare Earth Oxide) ⁽¹⁾
- Next phase of the 307 hole programme to commence shortly

Mr Brian Thomas, Lanthanein Technical Director commented "We are very excited with the preliminary XRF results from the first phase of the roadside drilling programme at the Murraydium Project in the South East of South Australia. These results confirm the exciting exploration opportunity in a region that is highly prospective for ionic clay hosted rare earth deposits as evidenced by work done in the region by AR3 who have outlined an extensive mineralised system at Koppamurra where shallow near surface exploration has delineated significant JORC Resources of REE's. We are eagerly awaiting the return of the assays to confirm the presence of high-grade ionic clay hosted REE's at the Bordertown Block of our Murraydium Project."

***The measurement of Rare Earth Elements using a pXRF is a method that has been used at Murraydium and other REE projects in Australia. Performance to OREAS standards demonstrates a strong correlation between pXRF data and certified values. However, pXRF is only a preliminary indication of the expected order of magnitude for final REE analysis. The samples that are the subject of this report have been submitted for laboratory assay and some variation from the pXRF results presented herein should be expected.**

¹ JORC resource comprising 1Mt @ 894ppm TREO (Measured), 63Mt @ 839ppm TREO (Indicated) and 38Mt @ 782ppm TREO (Inferred) (17 April 2023)

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| Drill Hole | Sample # | Interval (m) | Nd ppm | Pr ppm | Nd+Pr ppm |
|------------|----------|--------------|--------|--------|-----------|
| SBT009 | 009-08 | 7-8 | 1521 | 674 | 2195 |
| SBT022 | 022-04 | 3-4 | 1425 | 644 | 2069 |
| SBT029 | 029-09 | 8-9 | 1270 | 785 | 2055 |
| SBT030 | 030-06 | 5-6 | 1135 | 1015 | 2150 |
| | 030-09 | 8-9 | 1353 | 733 | 2086 |
| SBT032 | 032-03 | 2-3 | 1422 | 886 | 2308 |
| SBT033 | 033-13 | 12-13 | 1280 | 913 | 2193 |
| SBT035 | 035-01 | 0-1 | 1138 | 1064 | 2202 |
| SBT037 | 037-01 | 0-1 | 1640 | 828 | 2468 |
| | 037-10 | 9-10 | 1607 | 984 | 2591 |
| SBT046 | 046-03 | 2-3 | 1686 | 1025 | 2711 |
| SBT062 | 062-10 | 9-10 | 1166 | 854 | 2020 |
| SBT067 | 067-10 | 9-10 | 1422 | 881 | 2303 |

Table 1: Significant preliminary XRF Results from 1m AirCore Drilling samples

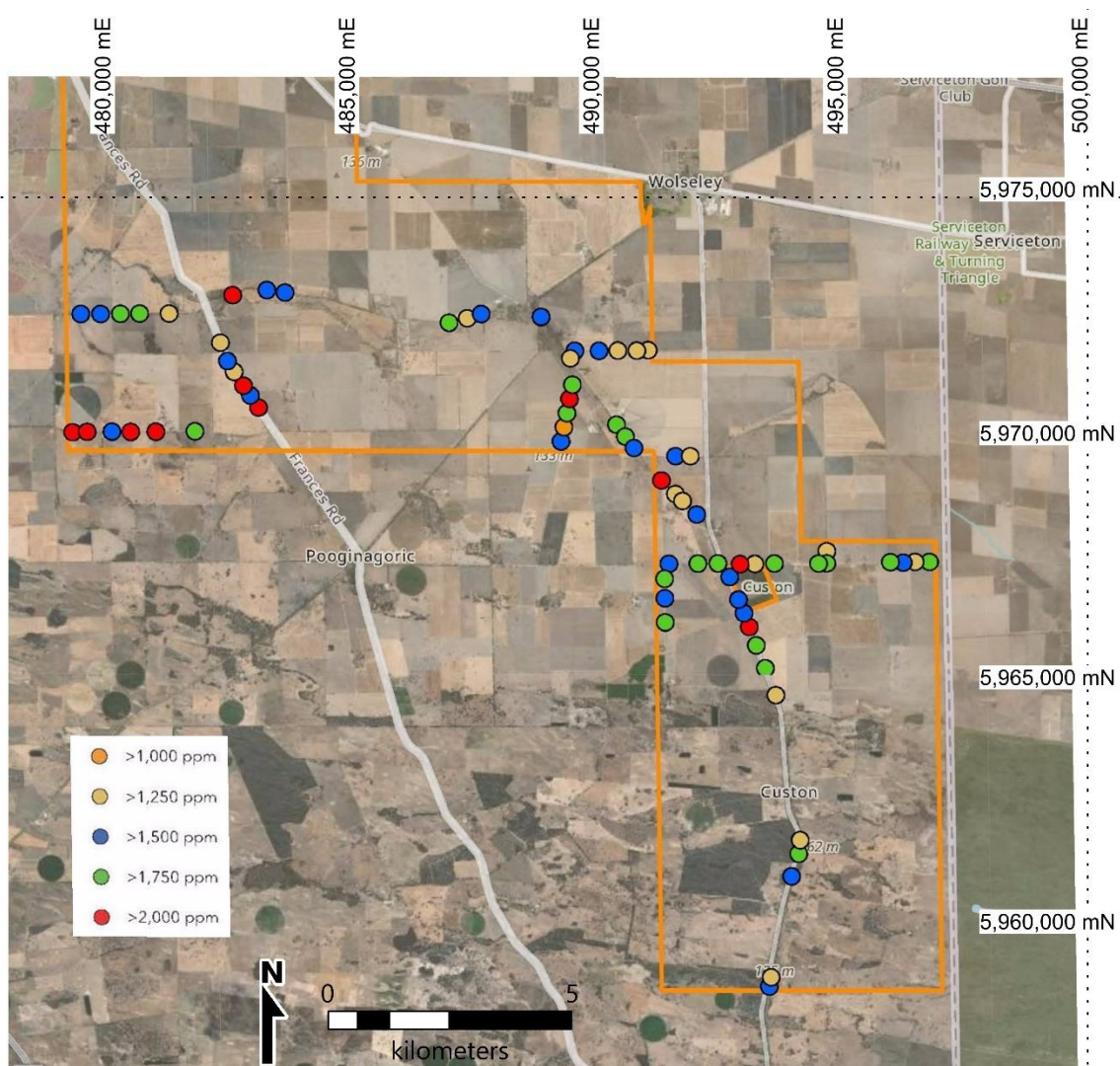


Figure 1: Locations of Roadside Air Core Drill Holes with Maximum XRF Readings for Each Drill Hole

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Image 1: Roadside Drilling Team on Bangham Road south of Bordertown

The Murraydium Project is located in the south-eastern region of South Australia with EL 6717 covering an area of 872 km² of the Murray Basin (Figure 1). The region is seeing continued activity in the exploration for REE minerals with the success of Australian Rare Earths (ASX:AR3) at their 100% owned Koppamurra Project, host to a total mineral resource of 101 Mt @ 818 ppm TREO (Figure 2), plus other successes with Resource Base Ltd (ASX:RBX) announcing a maiden Mineral Resource Estimate of 21Mt @ 767 ppm TREO (Inferred) at their Mitre Hill Deposit in the Murray Basin in Victoria.

The project area forms part of an extensive Tertiary strand plain comprising a series of sandstone-dominant fluvial and beach-dune strand complexes. The sand units commonly form undulating sand ridges interspersed with low lying areas of clay, mud and sand. The Koppamurra Deposit of REE-bearing clays that contain the Yellow Tail and Red Tail deposits occurs within the lower part of the Loxton-Parilla Sand unit (Fig 1). The Loxton-Parilla Sand is a very extensive unit widely distributed across the southern Murray Basin. Extensive areas of Loxton- Parilla Sand are exposed at surface within the Bordertown Block where it typically forms rolling terrain of low sandy hills and ridges.

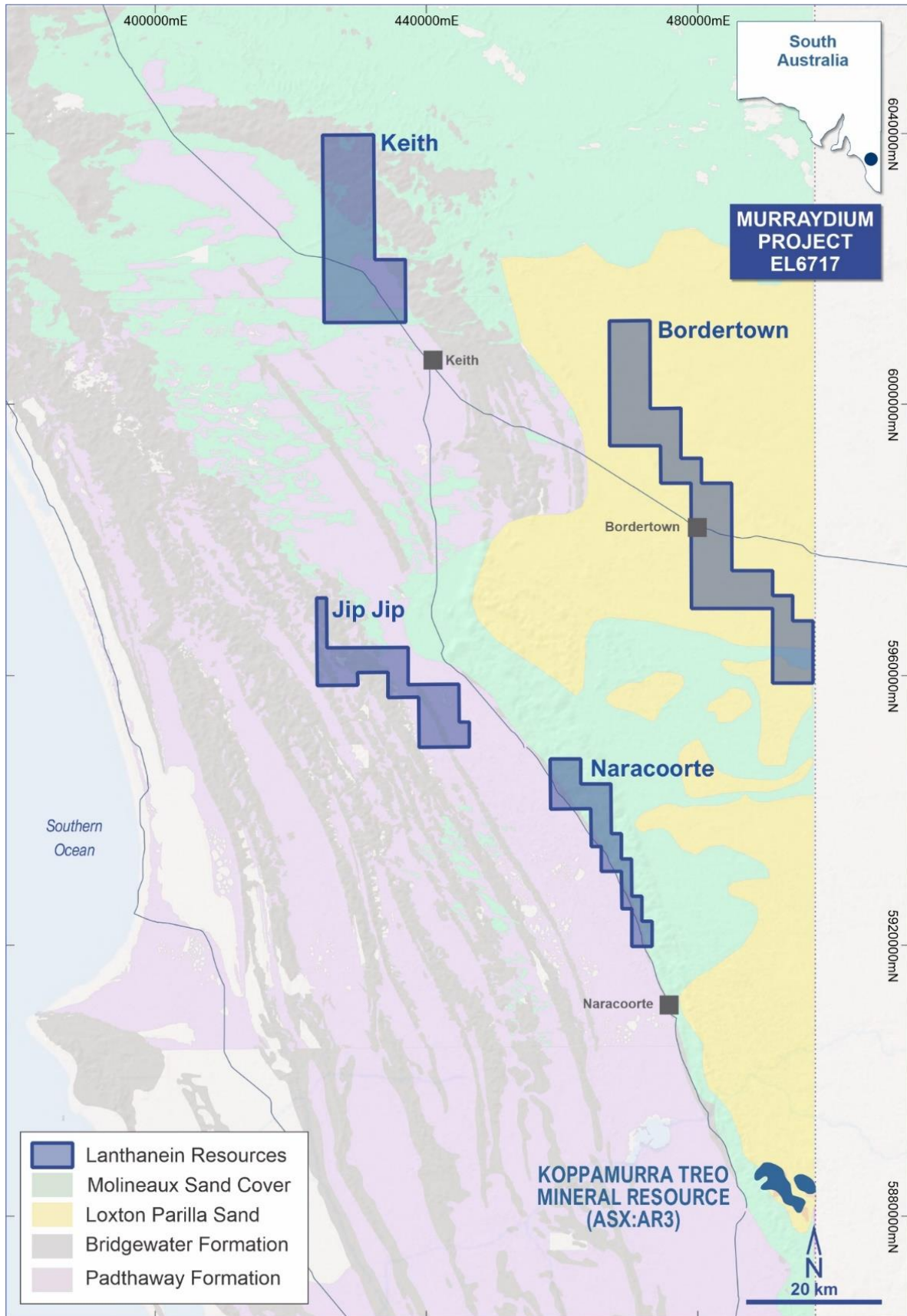


Figure 2: Plan showing extent of Loxton Parilla Sands in the South East of South Australia

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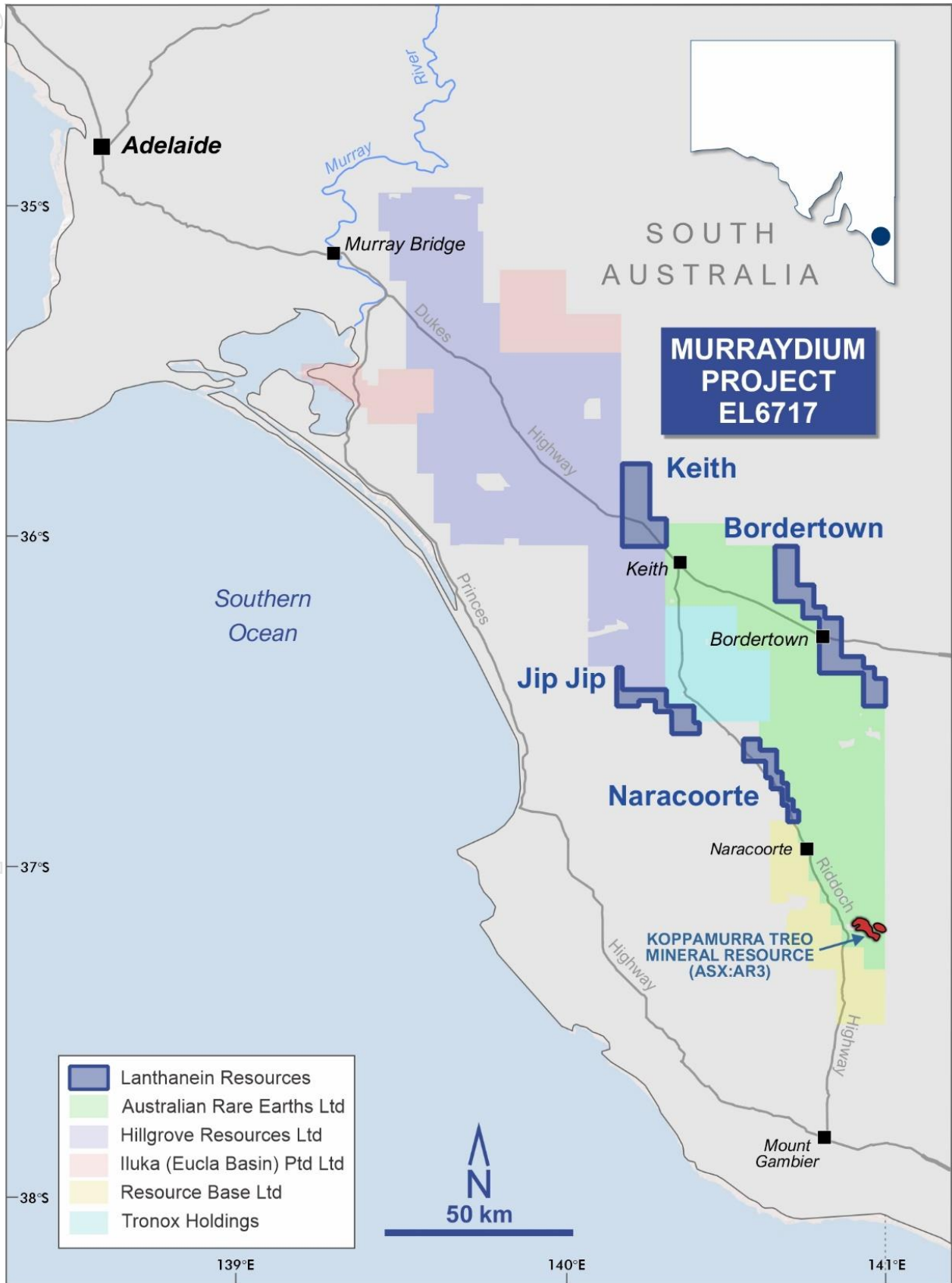


Figure 3: Location Plan of Murraydium Project

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Regolith Hosted REE Deposits - Background

There are several known types of regolith hosted REE deposits globally including, ion adsorption clay deposits, alluvial and placer deposits. The development of potentially economic regolith-hosted REE deposits requires a combination of a REE enriched protolith and weathering processes that concentrate the REE in the regolith. Ion adsorption type REE deposits are the dominant source of heavy REE currently mined in the world, with all economic examples of this type of deposit confined almost exclusively to areas underlain by granitic rocks in southern China. REE mineralisation in the Murray Basin at Australian Rare Earths (ASX:AR3) Koppamurra Project is hosted by clay material interpreted to have been deposited onto a limestone base (Gambier Limestone) and accumulated in an interdunal, lagoonal or estuarine environment. The mineralogy of the clay is indicative of formation under mildly alkaline conditions in a marine or coastal environment from fine grained sediments either river transported or windblown thereby supporting this interpretation.

Mineralogical test work conducted on a clay sample from the Koppamurra Project area established that the dominant clay minerals are smectite and kaolin, and the few REE-rich minerals detected during the SEM investigation are not considered inconsistent with the suggestion that a significant proportion of REE are distributed in the sample as adsorbed elements on clay and iron oxide surfaces. Work to date suggests that the source of the REE at Koppamurra is most likely basalt associated alkali volcanics of the Newer Volcanics Province in south-eastern Australia, with the wider Koppamurra project area being considered prospective for rare earth mineralisation.

However, whilst Koppamurra clays display ionic character, and the deposit shares a number of similarities with both ion adsorption clay deposits and volcanic ash fall placer deposits, there are also a number of differences, with further work required before a genetic model for REE mineralisation at Koppamurra and the broader Murray Basin can be conclusively defined. In addition, further work is required to better define metallurgical recoveries, process flow sheets, effective mining methods, and project economics.

This announcement has been authorised for release by the Directors of the Company.

For additional information please visit our website at www.lanthanein.com

LANTHANEIN RESOURCES LTD**Competent Person's Statement**

The information in this report that relates to Geophysical Exploration Results is based on information compiled by Peter Swiridiuk - Member of the Aust. Inst. of Geoscientists. Peter Swiridiuk is a Technical Consultant and Non-Executive Director for Lanthanein Resources. Peter Swiridiuk has sufficient experience which is relevant to the type of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Peter Swiridiuk consents to the inclusion in the report of the matters based on the information in the form and context in which it appears. Additionally, Mr Swiridiuk confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

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Table 2: Drill Hole Collars

| Hole ID | Easting (m) | Northing (m) | Total Depth EOH (m) | Azimuth | Dip | RL (m ASL) |
|---------|-------------|--------------|------------------------|---------|-----|------------|
| SBT001 | 493364 | 5958980 | 25 | 0 | -90 | 106 |
| SBT002 | 493402 | 5959173 | 25 | 0 | -90 | 106 |
| SBT003 | 493846 | 5961249 | 30 | 0 | -90 | 106 |
| SBT004 | 494002 | 5961717 | 27 | 0 | -90 | 106 |
| SBT005 | 494033 | 5961996 | 27 | 0 | -90 | 106 |
| SBT006 | 493579 | 5964978 | 24 | 0 | -90 | 104 |
| SBT007 | 493372 | 5965535 | 24 | 0 | -90 | 104 |
| SBT008 | 493197 | 5966004 | 24 | 0 | -90 | 104 |
| SBT009 | 493056 | 5966379 | 19 | 0 | -90 | 104 |
| SBT010 | 492957 | 5966665 | 21 | 0 | -90 | 104 |
| SBT011 | 492843 | 5966944 | 14 | 0 | -90 | 104 |
| SBT012 | 492670 | 5967412 | 18 | 0 | -90 | 104 |
| SBT013 | 496758 | 5967723 | 24 | 0 | -90 | 104 |
| SBT014 | 496457 | 5967724 | 18 | 0 | -90 | 104 |
| SBT015 | 496215 | 5967708 | 18 | 0 | -90 | 104 |
| SBT016 | 495958 | 5967718 | 16 | 0 | -90 | 104 |
| SBT017 | 494662 | 5967946 | 17 | 0 | -90 | 104 |
| SBT018 | 494657 | 5967694 | 18 | 0 | -90 | 104 |
| SBT019 | 494489 | 5967692 | 18 | 0 | -90 | 104 |
| SBT020 | 493590 | 5967687 | 18 | 0 | -90 | 104 |
| SBT021 | 493189 | 5967679 | 18 | 0 | -90 | 104 |
| SBT022 | 492889 | 5967676 | 18 | 0 | -90 | 104 |
| SBT023 | 492435 | 5967688 | 15 | 0 | -90 | 104 |
| SBT024 | 492028 | 5967685 | 17 | 0 | -90 | 104 |
| SBT025 | 491436 | 5967678 | 30 | 0 | -90 | 104 |
| SBT026 | 491343 | 5967368 | 27 | 0 | -90 | 104 |
| SBT027 | 491343 | 5966968 | 30 | 0 | -90 | 104 |
| SBT028 | 491344 | 5966470 | 30 | 0 | -90 | 104 |
| SBT029 | 479300 | 5970351 | 16 | 0 | -90 | 85 |
| SBT030 | 479593 | 5970357 | 15 | 0 | -90 | 85 |
| SBT031 | 480100 | 5970364 | 15 | 0 | -90 | 85 |
| SBT032 | 480483 | 5970359 | 14 | 0 | -90 | 85 |
| SBT033 | 480999 | 5970366 | 14 | 0 | -90 | 85 |
| SBT034 | 481796 | 5970379 | 15 | 0 | -90 | 85 |
| SBT035 | 483099 | 5970871 | 16 | 0 | -90 | 85 |
| SBT036 | 482936 | 5971123 | 17 | 0 | -90 | 85 |
| SBT037 | 482798 | 5971323 | 17 | 0 | -90 | 85 |
| SBT038 | 482608 | 5971607 | 16 | 0 | -90 | 85 |
| SBT039 | 482474 | 5971827 | 18 | 0 | -90 | 85 |
| SBT040 | 482333 | 5972203 | 16 | 0 | -90 | 85 |
| SBT041 | 479496 | 5972787 | 15 | 0 | -90 | 75 |
| SBT042 | 480297 | 5972805 | 11 | 0 | -90 | 75 |

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| Hole ID | Easting (m) | Northing (m) | Total Depth EOH (m) | Azimuth | Dip | RL (m ASL) |
|---------|-------------|--------------|------------------------|---------|-----|------------|
| SBT043 | 479897 | 5972790 | 14 | 0 | -90 | 75 |
| SBT044 | 480694 | 5972800 | 12 | 0 | -90 | 75 |
| SBT045 | 481295 | 5972802 | 14 | 0 | -90 | 80 |
| SBT046 | 482599 | 5973193 | 19 | 0 | -90 | 80 |
| SBT047 | 483299 | 5973290 | 15 | 0 | -90 | 80 |
| SBT048 | 483664 | 5973248 | 21 | 0 | -90 | 80 |
| SBT049 | 487010 | 5972631 | 26 | 0 | -90 | 80 |
| SBT050 | 487387 | 5972724 | 22 | 0 | -90 | 80 |
| SBT051 | 487674 | 5972813 | 18 | 0 | -90 | 80 |
| SBT052 | 488893 | 5972755 | 15 | 0 | -90 | 100 |
| SBT053 | 491072 | 5972077 | 18 | 0 | -90 | 100 |
| SBT054 | 490840 | 5972066 | 18 | 0 | -90 | 100 |
| SBT055 | 490453 | 5972063 | 18 | 0 | -90 | 100 |
| SBT056 | 490068 | 5972060 | 18 | 0 | -90 | 100 |
| SBT057 | 489573 | 5972057 | 18 | 0 | -90 | 100 |
| SBT058 | 490404 | 5970542 | 14 | 0 | -90 | 100 |
| SBT059 | 489269 | 5970189 | 18 | 0 | -90 | 100 |
| SBT060 | 489330 | 5970484 | 18 | 0 | -90 | 100 |
| SBT061 | 489392 | 5970773 | 18 | 0 | -90 | 100 |
| SBT062 | 489455 | 5971067 | 19 | 0 | -90 | 100 |
| SBT063 | 489523 | 5971362 | 17 | 0 | -90 | 100 |
| SBT064 | 489479 | 5971903 | 13 | 0 | -90 | 109 |
| SBT065 | 490586 | 5970306 | 17 | 0 | -90 | 109 |
| SBT066 | 489518 | 5971360 | 15 | 0 | -90 | 109 |
| SBT067 | 491304 | 5969392 | 15 | 0 | -90 | 109 |
| SBT068 | 484428 | 5970405 | 16 | 0 | -90 | 109 |
| SBT069 | 491730 | 5968969 | 14 | 0 | -90 | 109 |
| SBT070 | 492018 | 5968694 | 18 | 0 | -90 | 109 |
| SBT071 | 491602 | 5969885 | 18 | 0 | -90 | 109 |
| SBT072 | 491900 | 5969893 | 19 | 0 | -90 | 109 |

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Table 3 – XRF Readings from Initial Drilling at EL671 Bordertown Block

| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| SBT001 | 001-1 | 390 | 223 | 613 |
| | 001-2 | 612 | 303 | 915 |
| | 001-3 | 566 | 353 | 919 |
| | 001-4 | 699 | 493 | 1192 |
| | 001-5 | 438 | 232 | 670 |
| | 001-6 | 439 | 229 | 668 |
| | 001-7 | 376 | 293 | 669 |
| | 001-8 | 646 | 355 | 1001 |
| | 001-9 | 413 | 193 | 606 |
| | 001-10 | 328 | 334 | 662 |
| | 001-11 | 532 | 353 | 885 |
| | 001-12 | 453 | 181 | 634 |
| | 001-13 | 408 | 342 | 750 |
| | 001-14 | 361 | 342 | 703 |
| | 001-15 | 266 | 438 | 704 |
| | 001-15 | 490 | 180 | 670 |
| | 001-16 | 472 | 474 | 946 |
| | 001-17 | 453 | 147 | 600 |
| | 001-18 | 986 | 499 | 1485 |
| | 001-19 | 1288 | 338 | 1626 |
| | 001-20 | 446 | 360 | 806 |
| | 001-21 | 592 | 291 | 883 |
| | 001-22 | 293 | 318 | 611 |
| | 001-23 | 496 | 562 | 1058 |
| | 001-24 | 363 | 161 | 524 |
| 001-25 | 364 | 498 | 862 | |
| SBT002 | 002-01 | 386 | 176 | 562 |
| | 002-02 | 494 | 288 | 782 |
| | 002-03 | 658 | 312 | 970 |
| | 002-04 | 608 | 377 | 985 |
| | 002-05 | 751 | 509 | 1260 |
| | 002-06 | 474 | 526 | 1000 |
| | 002-07 | 165 | 210 | 375 |
| | 002-08 | 502 | 652 | 1154 |
| | 002-09 | 719 | 352 | 1071 |
| | 002-10 | <LOD | 403 | 403 |
| | 002-11 | 767 | 603 | 1370 |
| | 002-12 | 333 | 373 | 706 |
| | 002-13 | 691 | 350 | 1041 |
| | 002-14 | 290 | 336 | 626 |
| | 002-15 | 506 | 386 | 892 |
| | 002-16 | 595 | 537 | 1132 |
| | 002-17 | 631 | 525 | 1156 |
| | 002-18 | 523 | 341 | 864 |
| | 002-19 | 592 | 300 | 892 |
| | 002-20 | 679 | 617 | 1296 |
| | 002-21 | 271 | 472 | 743 |
| | 002-22 | 644 | 289 | 933 |
| | 002-23 | 509 | 680 | 1189 |
| | 002-24 | 279 | 394 | 673 |
| SBT003 | 003-01 | 697 | 673 | 1370 |
| | 003-02 | 460 | 433 | 893 |
| | 003-03 | 628 | 379 | 1007 |
| | 003-04 | 554 | 375 | 929 |
| | 003-05 | 1204 | 411 | 1615 |
| | 003-06 | 594 | 847 | 1441 |
| | 003-07 | 550 | 387 | 937 |
| | 003-08 | 1007 | 681 | 1688 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 003-09 | 799 | 491 | 1290 |
| | 003-10 | 450 | 537 | 987 |
| | 003-11 | 403 | 248 | 651 |
| | 003-12 | 542 | 299 | 841 |
| | 003-13 | <LOD | 451 | 451 |
| | 003-14 | 423 | 335 | 758 |
| | 003-15 | 536 | 264 | 800 |
| | 003-16 | 410 | 370 | 780 |
| | 003-17 | 769 | 597 | 1366 |
| | 003-18 | 654 | 572 | 1226 |
| | 003-19 | 878 | 536 | 1414 |
| | 003-20 | 367 | 203 | 570 |
| | 003-21 | 651 | 493 | 1144 |
| | 003-22 | 357 | 302 | 659 |
| | 003-23 | 1037 | 579 | 1616 |
| | 003-24 | 660 | 638 | 1298 |
| | 003-25 | 471 | 355 | 826 |
| | 003-26 | 497 | 329 | 826 |
| | 003-27 | 322 | 309 | 631 |
| | 003-28 | 643 | 428 | 1071 |
| | 003-29 | 633 | 423 | 1056 |
| | 003-30 | 460 | 313 | 773 |
| SBT004 | 004-01 | 437 | 292 | 729 |
| | 004-02 | 516 | 363 | 879 |
| | 004-03 | 841 | 391 | 1232 |
| | 004-04 | 1133 | 632 | 1765 |
| | 004-05 | 843 | 561 | 1404 |
| | 004-06 | 878 | 393 | 1271 |
| | 004-07 | 681 | 481 | 1162 |
| | 004-08 | 349 | 415 | 764 |
| | 004-09 | 518 | 464 | 982 |
| | 004-10 | 755 | 135 | 890 |
| | 004-11 | 756 | 389 | 1145 |
| | 004-12 | 610 | 534 | 1144 |
| | 004-13 | 343 | 316 | 659 |
| | 004-14 | 713 | 590 | 1303 |
| | 004-15 | 781 | 377 | 1158 |
| | 004-16 | 621 | 470 | 1091 |
| | 004-17 | 454 | 382 | 836 |
| | 004-18 | 309 | 362 | 671 |
| | 004-19 | 414 | 311 | 725 |
| | 004-20 | 780 | 393 | 1173 |
| | 004-21 | 490 | 511 | 1001 |
| | 004-22 | 982 | 856 | 1838 |
| | 004-23 | 553 | 636 | 1189 |
| | 004-24 | 1089 | 331 | 1420 |
| | 004-25 | 771 | 636 | 1407 |
| | 004-26 | 738 | 852 | 1590 |
| | 004-27 | 607 | 616 | 1223 |
| SBT005 | 005-01 | 670 | 455 | 1125 |
| | 005-02 | 357 | 405 | 762 |
| | 005-03 | 289 | 173 | 462 |
| | 005-04 | 690 | 554 | 1244 |
| | 005-05 | 798 | 519 | 1317 |
| | 005-06 | 723 | 275 | 998 |
| | 005-07 | 615 | 701 | 1316 |
| | 005-08 | 461 | 378 | 839 |
| | 005-09 | 736 | 515 | 1251 |
| | 005-10 | 514 | 359 | 873 |
| | 005-11 | 421 | 358 | 779 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 005-12 | 354 | 380 | 734 |
| | 005-13 | 281 | 295 | 576 |
| | 005-14 | 637 | 270 | 907 |
| | 005-15 | 821 | 420 | 1241 |
| | 005-16 | 394 | 515 | 909 |
| | 005-17 | 434 | 499 | 933 |
| | 005-18 | 508 | 252 | 760 |
| | 005-19 | 566 | 421 | 987 |
| | 005-20 | 554 | 394 | 948 |
| | 005-21 | 749 | 276 | 1025 |
| | 005-22 | 708 | 445 | 1153 |
| | 005-23 | 726 | 666 | 1392 |
| | 005-24 | 662 | 391 | 1053 |
| | 005-25 | 333 | 267 | 600 |
| | 005-26 | 990 | 500 | 1490 |
| | 005-27 | 639 | 403 | 1042 |
| SBT006 | 006-01 | 382 | 181 | 563 |
| | 006-02 | 662 | 500 | 1162 |
| | 006-03 | 902 | 583 | 1485 |
| | 006-04 | 406 | 372 | 778 |
| | 006-05 | 518 | 386 | 904 |
| | 006-06 | 520 | 239 | 759 |
| | 006-07 | 279 | 206 | 485 |
| | 006-08 | 872 | 410 | 1282 |
| | 006-09 | 517 | 437 | 954 |
| | 006-10 | 396 | 452 | 848 |
| | 006-11 | 359 | 147 | 506 |
| | 006-12 | 521 | 620 | 1141 |
| | 006-13 | 892 | 560 | 1452 |
| | 006-14 | 708 | 210 | 918 |
| | 006-15 | 467 | 517 | 984 |
| | 006-16 | 511 | 115 | 626 |
| | 006-17 | 452 | 255 | 707 |
| | 006-18 | 278 | 289 | 567 |
| | 006-19 | 546 | 288 | 834 |
| | 006-20 | 526 | 257 | 783 |
| | 006-21 | 335 | 447 | 782 |
| | 006-22 | 916 | 466 | 1382 |
| | 006-23 | 631 | 560 | 1191 |
| | 006-24 | 607 | 494 | 1101 |
| SBT007 | 007-01 | 945 | 614 | 1559 |
| | 007-02 | 1010 | 644 | 1654 |
| | 007-03 | 544 | 683 | 1227 |
| | 007-04 | 423 | 267 | 690 |
| | 007-05 | 931 | 304 | 1235 |
| | 007-06 | 801 | 483 | 1284 |
| | 007-07 | 861 | 605 | 1466 |
| | 007-08 | 911 | 497 | 1408 |
| | 007-09 | 441 | 596 | 1037 |
| | 007-10 | 722 | 557 | 1279 |
| | 007-11 | 552 | 560 | 1112 |
| | 007-12 | 318 | 315 | 633 |
| | 007-13 | 388 | 229 | 617 |
| | 007-14 | 518 | 202 | 720 |
| | 007-15 | 533 | 309 | 842 |
| | 007-16 | 1033 | 663 | 1696 |
| | 007-17 | 771 | 394 | 1165 |
| | 007-18 | 933 | 674 | 1607 |
| | 007-19 | 967 | 784 | 1751 |
| | 007-20 | 769 | 321 | 1090 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 007-21 | 1065 | 652 | 1717 |
| | 007-22 | 1220 | 640 | 1860 |
| | 007-23 | 1127 | 790 | 1917 |
| | 007-24 | 412 | 497 | 909 |
| SBT008 | 008-01 | 815 | 482 | 1297 |
| | 008-02 | 516 | 491 | 1007 |
| | 008-03 | 964 | 676 | 1640 |
| | 008-04 | 532 | 421 | 953 |
| | 008-05 | 861 | 768 | 1629 |
| | 008-06 | 772 | 733 | 1505 |
| | 008-07 | 653 | 285 | 938 |
| | 008-08 | 904 | 499 | 1403 |
| | 008-09 | 1370 | 442 | 1812 |
| | 008-10 | 579 | 231 | 810 |
| | 008-11 | 419 | 509 | 928 |
| | 008-12 | 450 | 235 | 685 |
| | 008-13 | 304 | 266 | 570 |
| | 008-14 | 328 | 337 | 665 |
| | 008-15 | 511 | 354 | 865 |
| | 008-16 | 1169 | 576 | 1745 |
| | 008-17 | 515 | 327 | 842 |
| | 008-18 | 704 | 500 | 1204 |
| | 008-19 | 684 | 359 | 1043 |
| | 008-20 | 585 | 342 | 927 |
| | 008-21 | 601 | 240 | 841 |
| | 008-22 | 556 | 468 | 1024 |
| | 008-23 | 518 | 483 | 1001 |
| | 008-24 | 514 | 277 | 791 |
| SBT009 | 009-01 | 1155 | 656 | 1811 |
| | 009-02 | 1049 | 791 | 1840 |
| | 009-03 | 394 | 539 | 933 |
| | 009-04 | 914 | 512 | 1426 |
| | 009-05 | 870 | 924 | 1794 |
| | 009-06 | 548 | 676 | 1224 |
| | 009-07 | 713 | 466 | 1179 |
| | 009-08 | 1521 | 674 | 2195 |
| | 009-09 | 699 | 215 | 914 |
| | 009-10 | 563 | 248 | 811 |
| | 009-11 | 597 | 383 | 980 |
| | 009-12 | 464 | 273 | 737 |
| | 009-13 | 453 | 433 | 886 |
| | 009-14 | 435 | 273 | 708 |
| | 009-15 | 693 | 623 | 1316 |
| | 009-16 | 541 | 259 | 800 |
| | 009-17 | 564 | 409 | 973 |
| | 009-18 | 762 | 397 | 1159 |
| | 009-19 | 467 | 520 | 987 |
| | 009-20 | 325 | 376 | 701 |
| | 009-21 | 337 | 396 | 733 |
| SBT010 | 010-01 | 488 | 464 | 952 |
| | 010-02 | 732 | 613 | 1345 |
| | 010-03 | 491 | 289 | 780 |
| | 010-04 | 561 | 410 | 971 |
| | 010-05 | 436 | 420 | 856 |
| | 010-06 | 747 | 443 | 1190 |
| | 010-07 | 895 | 459 | 1354 |
| | 010-08 | 961 | 755 | 1716 |
| | 010-09 | 623 | 202 | 825 |
| | 010-10 | 556 | 413 | 969 |
| | 010-11 | 529 | 284 | 813 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 010-12 | 621 | 377 | 998 |
| | 010-13 | 626 | 548 | 1174 |
| | 010-14 | 546 | 561 | 1107 |
| | 010-15 | 477 | 380 | 857 |
| | 010-16 | 900 | 436 | 1336 |
| | 010-17 | 712 | 385 | 1097 |
| | 010-18 | 294 | 427 | 721 |
| | 010-19 | 530 | 425 | 955 |
| | 010-20 | 785 | 574 | 1359 |
| SBT011 | 011-01 | 705 | 201 | 906 |
| | 011-02 | 638 | 314 | 952 |
| | 011-03 | 540 | 1104 | 1644 |
| | 011-04 | 993 | 621 | 1614 |
| | 011-05 | 558 | 307 | 865 |
| | 011-06 | 1016 | 418 | 1434 |
| | 011-07 | 766 | 315 | 1081 |
| | 011-08 | 306 | 479 | 785 |
| | 011-09 | 474 | 219 | 693 |
| | 011-10 | 419 | 158 | 577 |
| | 011-11 | 541 | 574 | 1115 |
| | 011-12 | 393 | 401 | 794 |
| | 011-13 | 471 | 564 | 1035 |
| | 011-14 | 718 | 449 | 1167 |
| SBT012 | 012-01 | 524 | 480 | 1004 |
| | 012-02 | 860 | 604 | 1464 |
| | 012-03 | 580 | 439 | 1019 |
| | 012-04 | 404 | 308 | 712 |
| | 012-05 | 670 | 457 | 1127 |
| | 012-06 | 490 | 291 | 781 |
| | 012-07 | 594 | 614 | 1208 |
| | 012-08 | 724 | 669 | 1393 |
| | 012-09 | 1027 | 672 | 1699 |
| | 012-10 | 758 | 393 | 1151 |
| | 012-11 | 569 | 374 | 943 |
| | 012-12 | 621 | 470 | 1091 |
| | 012-13 | 424 | 233 | 657 |
| | 012-14 | 382 | 281 | 663 |
| | 012-15 | 557 | 337 | 894 |
| | 012-16 | 269 | 340 | 609 |
| | 012-17 | 653 | 626 | 1279 |
| | 012-18 | 547 | 345 | 892 |
| SBT013 | 013-01 | 332 | 362 | 694 |
| | 013-02 | 874 | 345 | 1219 |
| | 013-03 | 471 | 217 | 688 |
| | 013-04 | 1167 | 655 | 1822 |
| | 013-05 | 472 | 616 | 1088 |
| | 013-06 | 516 | 375 | 891 |
| | 013-07 | 740 | 385 | 1125 |
| | 013-08 | 554 | 298 | 852 |
| | 013-09 | 607 | 310 | 917 |
| | 013-10 | 493 | 582 | 1075 |
| | 013-11 | 603 | 450 | 1053 |
| | 013-12 | 486 | 323 | 809 |
| | 013-13 | 660 | 304 | 964 |
| | 013-14 | 626 | 433 | 1059 |
| | 013-15 | 418 | 219 | 637 |
| | 013-16 | 815 | 414 | 1229 |
| | 013-17 | 766 | 347 | 1113 |
| | 013-18 | 681 | 539 | 1220 |
| | 013-19 | 466 | 513 | 979 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 013-20 | 302 | 569 | 871 |
| | 013-21 | 810 | 360 | 1170 |
| | 013-22 | 1029 | 523 | 1552 |
| | 013-23 | 757 | 378 | 1135 |
| | 013-24 | 927 | 548 | 1475 |
| SBT014 | 014-01 | 329 | 309 | 638 |
| | 014-02 | 606 | 484 | 1090 |
| | 014-03 | 677 | 318 | 995 |
| | 014-04 | 634 | 341 | 975 |
| | 014-05 | 589 | 416 | 1005 |
| | 014-06 | 580 | 305 | 885 |
| | 014-07 | 563 | 299 | 862 |
| | 014-08 | 499 | 422 | 921 |
| | 014-09 | 633 | 225 | 858 |
| | 014-10 | 806 | 601 | 1407 |
| | 014-11 | 661 | 338 | 999 |
| | 014-12 | 452 | 428 | 880 |
| | 014-13 | 525 | 445 | 970 |
| | 014-14 | 733 | 480 | 1213 |
| | 014-15 | 452 | 379 | 831 |
| | 014-16 | 404 | 299 | 703 |
| | 014-17 | 394 | 696 | 1090 |
| | 014-18 | 525 | 516 | 1041 |
| SBT015 | 015-01 | 716 | 235 | 951 |
| | 015-02 | 975 | 524 | 1499 |
| | 015-03 | 389 | 484 | 873 |
| | 015-04 | 1073 | 435 | 1508 |
| | 015-05 | 418 | 489 | 907 |
| | 015-06 | 458 | 183 | 641 |
| | 015-07 | 516 | 388 | 904 |
| | 015-08 | 497 | 365 | 862 |
| | 015-09 | 305 | 492 | 797 |
| | 015-10 | 491 | 226 | 717 |
| | 015-11 | 488 | 239 | 727 |
| | 015-12 | 399 | 556 | 955 |
| | 015-13 | 868 | 534 | 1402 |
| | 015-14 | 433 | 273 | 706 |
| | 015-15 | 273 | 386 | 659 |
| | 015-16 | 912 | 342 | 1254 |
| | 015-17 | 732 | 579 | 1311 |
| | 015-18 | 633 | 404 | 1037 |
| SBT016 | 016-01 | 1151 | 640 | 1791 |
| | 016-02 | 250 | 424 | 674 |
| | 016-03 | 926 | 715 | 1641 |
| | 016-04 | 578 | 544 | 1122 |
| | 016-05 | 740 | 603 | 1343 |
| | 016-06 | 889 | 320 | 1209 |
| | 016-07 | 252 | 248 | 500 |
| | 016-08 | 502 | 341 | 843 |
| | 016-09 | 601 | 443 | 1044 |
| | 016-10 | 462 | 263 | 725 |
| | 016-11 | 856 | 299 | 1155 |
| | 016-12 | 485 | 310 | 795 |
| | 016-13 | 604 | 398 | 1002 |
| | 016-14 | 602 | 454 | 1056 |
| | 016-15 | 229 | 368 | 597 |
| | 016-16 | 485 | 595 | 1080 |
| SBT017 | 017-01 | 366 | 265 | 631 |
| | 017-02 | 509 | 375 | 884 |
| | 017-03 | 317 | 455 | 772 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 017-04 | 221 | 556 | 777 |
| | 017-05 | 666 | 652 | 1318 |
| | 017-06 | 491 | 377 | 868 |
| | 017-07 | 425 | 477 | 902 |
| | 017-08 | 654 | 348 | 1002 |
| | 017-09 | 628 | 218 | 846 |
| | 017-10 | 732 | 446 | 1178 |
| | 017-11 | 377 | 448 | 825 |
| | 017-12 | 611 | 472 | 1083 |
| | 017-13 | 447 | 249 | 696 |
| | 017-14 | 314 | 297 | 611 |
| | 017-15 | 658 | 403 | 1061 |
| | 017-16 | 281 | 156 | 437 |
| | 017-17 | 980 | 519 | 1499 |
| SBT018 | 018-01 | 1163 | 617 | 1780 |
| | 018-02 | 365 | 246 | 611 |
| | 018-03 | 436 | 330 | 766 |
| | 018-04 | 764 | 377 | 1141 |
| | 018-05 | 539 | 672 | 1211 |
| | 018-06 | 820 | 500 | 1320 |
| | 018-07 | 510 | 414 | 924 |
| | 018-08 | 682 | 437 | 1119 |
| | 018-09 | 950 | 461 | 1411 |
| | 018-10 | 415 | 581 | 996 |
| | 018-11 | 428 | 274 | 702 |
| | 018-12 | 1189 | 672 | 1861 |
| | 018-13 | 560 | 421 | 981 |
| | 018-14 | 390 | 331 | 721 |
| | 018-15 | 279 | 323 | 602 |
| | 018-16 | 1033 | 857 | 1890 |
| | 018-17 | 483 | 608 | 1091 |
| | 018-18 | 923 | 404 | 1327 |
| SBT019 | 019-01 | 912 | 915 | 1827 |
| | 019-02 | 832 | 507 | 1339 |
| | 019-03 | 957 | 639 | 1596 |
| | 019-04 | 611 | 399 | 1010 |
| | 019-05 | 550 | 344 | 894 |
| | 019-06 | 729 | 400 | 1129 |
| | 019-07 | 752 | 522 | 1274 |
| | 019-08 | 508 | 686 | 1194 |
| | 019-09 | 368 | 408 | 776 |
| | 019-10 | 510 | 304 | 814 |
| | 019-11 | 356 | 275 | 631 |
| | 019-12 | 484 | 555 | 1039 |
| | 019-13 | 397 | 679 | 1076 |
| | 019-14 | 565 | 349 | 914 |
| | 019-15 | 521 | 376 | 897 |
| | 019-16 | 979 | 677 | 1656 |
| | 019-17 | 641 | 272 | 913 |
| | 019-18 | 646 | 438 | 1084 |
| SBT020 | 020-01 | 567 | 458 | 1025 |
| | 020-02 | 404 | 535 | 939 |
| | 020-03 | 540 | 818 | 1358 |
| | 020-04 | 1013 | 624 | 1637 |
| | 020-05 | 1044 | 404 | 1448 |
| | 020-06 | 556 | 442 | 998 |
| | 020-07 | 774 | 505 | 1279 |
| | 020-08 | 379 | 370 | 749 |
| | 020-09 | 423 | 232 | 655 |
| | 020-10 | 488 | 331 | 819 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 020-11 | 977 | 873 | 1850 |
| | 020-12 | 567 | 181 | 748 |
| | 020-13 | 160 | 165 | 325 |
| | 020-14 | 721 | 225 | 946 |
| | 020-15 | 430 | 455 | 885 |
| | 020-16 | 644 | 344 | 988 |
| | 020-17 | 381 | 501 | 882 |
| | 020-18 | 711 | 467 | 1178 |
| SBT021 | 021-01 | 465 | 241 | 706 |
| | 021-02 | 1121 | 307 | 1428 |
| | 021-03 | 673 | 408 | 1081 |
| | 021-04 | 563 | 316 | 879 |
| | 021-05 | 891 | 508 | 1399 |
| | 021-06 | 709 | 227 | 936 |
| | 021-07 | 462 | 209 | 671 |
| | 021-08 | 336 | 195 | 531 |
| | 021-09 | 813 | 339 | 1152 |
| | 021-10 | 597 | 178 | 775 |
| | 021-11 | 448 | 429 | 877 |
| | 021-12 | 877 | 362 | 1239 |
| | 021-13 | 672 | 649 | 1321 |
| | 021-14 | 466 | 255 | 721 |
| | 021-15 | 394 | 313 | 707 |
| | 021-16 | 496 | 323 | 819 |
| | 021-17 | 924 | 422 | 1346 |
| | 021-18 | 586 | 252 | 838 |
| SBT022 | 022-01 | 987 | 645 | 1632 |
| | 022-02 | 332 | 206 | 538 |
| | 022-03 | 634 | 375 | 1009 |
| | 022-04 | 1425 | 644 | 2069 |
| | 022-05 | 901 | 569 | 1470 |
| | 022-06 | 622 | 475 | 1097 |
| | 022-07 | 462 | 423 | 885 |
| | 022-08 | 505 | 294 | 799 |
| | 022-09 | 395 | 193 | 588 |
| | 022-10 | 752 | 401 | 1153 |
| | 022-11 | 518 | 256 | 774 |
| | 022-12 | 1155 | 524 | 1679 |
| | 022-13 | 739 | 404 | 1143 |
| | 022-14 | 1127 | 765 | 1892 |
| | 022-15 | 467 | 270 | 737 |
| | 022-16 | 1010 | 630 | 1640 |
| | 022-17 | 485 | 457 | 942 |
| | 022-18 | 804 | 284 | 1088 |
| SBT023 | 023-01 | 856 | 331 | 1187 |
| | 023-02 | 544 | 401 | 945 |
| | 023-03 | 762 | 530 | 1292 |
| | 023-04 | 688 | 419 | 1107 |
| | 023-05 | 1333 | 487 | 1820 |
| | 023-06 | 968 | 672 | 1640 |
| | 023-07 | 751 | 645 | 1396 |
| | 023-08 | 554 | 375 | 929 |
| | 023-09 | 614 | 331 | 945 |
| | 023-10 | 257 | 250 | 507 |
| | 023-11 | 702 | 368 | 1070 |
| | 023-12 | 438 | 278 | 716 |
| | 023-13 | 553 | 223 | 776 |
| | 023-14 | 528 | 446 | 974 |
| | 023-15 | 1071 | 727 | 1798 |
| SBT024 | 024-01 | 912 | 337 | 1249 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 024-02 | 562 | 348 | 910 |
| | 024-03 | 993 | 487 | 1480 |
| | 024-04 | 1095 | 716 | 1811 |
| | 024-05 | 889 | 439 | 1328 |
| | 024-06 | 496 | 405 | 901 |
| | 024-07 | 409 | 511 | 920 |
| | 024-08 | 689 | 575 | 1264 |
| | 024-09 | 357 | 430 | 787 |
| | 024-10 | 655 | 291 | 946 |
| | 024-11 | 653 | 303 | 956 |
| | 024-12 | 297 | 261 | 558 |
| | 024-13 | 419 | 237 | 656 |
| | 024-14 | 316 | 421 | 737 |
| | 024-15 | 328 | 239 | 567 |
| | 024-16 | 1112 | 458 | 1570 |
| | 024-17 | 500 | 493 | 993 |
| SBT025 | 025-01 | 1044 | 645 | 1689 |
| | 025-02 | 376 | 333 | 709 |
| | 025-03 | 532 | 430 | 962 |
| | 025-04 | 575 | 193 | 768 |
| | 025-05 | 407 | 359 | 766 |
| | 025-06 | 449 | 244 | 693 |
| | 025-07 | 267 | 269 | 536 |
| | 025-08 | 615 | 282 | 897 |
| | 025-09 | 421 | 323 | 744 |
| | 025-10 | 326 | 400 | 726 |
| | 025-11 | 342 | 290 | 632 |
| | 025-12 | 568 | 396 | 964 |
| | 025-13 | 478 | 352 | 830 |
| | 025-14 | 243 | 257 | 500 |
| | 025-15 | 631 | 265 | 896 |
| | 025-16 | 450 | 436 | 886 |
| | 025-17 | 596 | 308 | 904 |
| | 025-18 | 617 | 361 | 978 |
| | 025-19 | 615 | 198 | 813 |
| | 025-20 | 515 | 265 | 780 |
| | 025-21 | 855 | 398 | 1253 |
| | 025-22 | 700 | 295 | 995 |
| | 025-23 | 630 | 469 | 1099 |
| | 025-24 | 747 | 440 | 1187 |
| | 025-25 | 257 | 267 | 524 |
| | 025-26 | 601 | 455 | 1056 |
| | 025-27 | 750 | 460 | 1210 |
| | 025-28 | 633 | 452 | 1085 |
| | 025-29 | 497 | 888 | 1385 |
| | 025-30 | 706 | 567 | 1273 |
| SBT026 | 026-01 | 424 | 249 | 673 |
| | 026-02 | 186 | 529 | 715 |
| | 026-03 | 976 | 794 | 1770 |
| | 026-04 | 469 | 382 | 851 |
| | 026-05 | 429 | 408 | 837 |
| | 026-06 | 715 | 354 | 1069 |
| | 026-07 | 612 | 378 | 990 |
| | 026-08 | 680 | 389 | 1069 |
| | 026-09 | 316 | 217 | 533 |
| | 026-10 | 497 | 504 | 1001 |
| | 026-11 | 533 | 267 | 800 |
| | 026-12 | 372 | 306 | 678 |
| | 026-13 | 478 | 455 | 933 |
| | 026-14 | 338 | 240 | 578 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 026-15 | 597 | 395 | 992 |
| | 026-16 | 252 | 458 | 710 |
| | 026-17 | 433 | 241 | 674 |
| | 026-18 | 779 | 546 | 1325 |
| | 026-19 | 403 | 141 | 544 |
| | 026-20 | 369 | 269 | 638 |
| | 026-21 | 1093 | 590 | 1683 |
| | 026-22 | 775 | 564 | 1339 |
| | 026-23 | 753 | 332 | 1085 |
| | 026-24 | 814 | 637 | 1451 |
| | 026-25 | 708 | 306 | 1014 |
| | 026-26 | 969 | 374 | 1343 |
| | 026-27 | 757 | 682 | 1439 |
| SBT027 | 027-01 | 297 | 253 | 550 |
| | 027-02 | 1142 | 479 | 1621 |
| | 027-03 | 600 | 745 | 1345 |
| | 027-04 | 714 | 482 | 1196 |
| | 027-05 | 528 | 446 | 974 |
| | 027-06 | 432 | 281 | 713 |
| | 027-07 | 283 | 654 | 937 |
| | 027-08 | 761 | 344 | 1105 |
| | 027-09 | 509 | 374 | 883 |
| | 027-10 | 685 | 707 | 1392 |
| | 027-11 | 579 | 457 | 1036 |
| | 027-12 | 502 | 335 | 837 |
| | 027-13 | 404 | 221 | 625 |
| | 027-14 | 627 | 673 | 1300 |
| | 027-15 | 614 | 507 | 1121 |
| | 027-16 | 648 | 412 | 1060 |
| | 027-17 | 323 | 343 | 666 |
| | 027-18 | 572 | 445 | 1017 |
| | 027-19 | 314 | 573 | 887 |
| | 027-20 | 446 | 391 | 837 |
| | 027-21 | 636 | 422 | 1058 |
| | 027-22 | 673 | 262 | 935 |
| | 027-23 | 284 | 272 | 556 |
| | 027-24 | 849 | 581 | 1430 |
| | 027-25 | 579 | 767 | 1346 |
| | 027-26 | 622 | 396 | 1018 |
| | 027-27 | 527 | 339 | 866 |
| | 027-28 | 837 | 439 | 1276 |
| | 027-29 | 718 | 286 | 1004 |
| | 027-30 | 843 | 853 | 1696 |
| SBT028 | 028-01 | 484 | 495 | 979 |
| | 028-02 | 461 | 466 | 927 |
| | 028-03 | 564 | 227 | 791 |
| | 028-04 | 362 | 405 | 767 |
| | 028-05 | 320 | 408 | 728 |
| | 028-06 | 602 | 344 | 946 |
| | 028-07 | 769 | 630 | 1399 |
| | 028-08 | 434 | 546 | 980 |
| | 028-09 | 814 | 345 | 1159 |
| | 028-10 | 523 | 570 | 1093 |
| | 028-11 | 387 | 331 | 718 |
| | 028-12 | 522 | 308 | 830 |
| | 028-13 | 477 | 193 | 670 |
| | 028-14 | 503 | 344 | 847 |
| | 028-15 | 603 | 459 | 1062 |
| | 028-16 | 531 | 386 | 917 |
| | 028-17 | 658 | 466 | 1124 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 028-18 | 777 | 397 | 1174 |
| | 028-19 | 552 | 439 | 991 |
| | 028-20 | 849 | 343 | 1192 |
| | 028-21 | 272 | 182 | 454 |
| | 028-22 | 277 | 284 | 561 |
| | 028-23 | 802 | 333 | 1135 |
| | 028-24 | 1244 | 648 | 1892 |
| | 028-25 | 605 | 468 | 1073 |
| | 028-26 | 828 | 559 | 1387 |
| | 028-27 | 441 | 416 | 857 |
| | 028-28 | 347 | 643 | 990 |
| | 028-29 | 778 | 596 | 1374 |
| | 028-30 | 442 | 316 | 758 |
| SBT029 | 029-01 | 389 | 418 | 807 |
| | 029-02 | 730 | 403 | 1133 |
| | 029-03 | 382 | 197 | 579 |
| | 029-04 | 772 | 504 | 1276 |
| | 029-05 | 209 | 248 | 457 |
| | 029-06 | 764 | 294 | 1058 |
| | 029-07 | 497 | 146 | 643 |
| | 029-08 | 859 | 596 | 1455 |
| | 029-09 | 1270 | 785 | 2055 |
| | 029-10 | 665 | 545 | 1210 |
| | 029-11 | 669 | 924 | 1593 |
| | 029-12 | 773 | 607 | 1380 |
| | 029-13 | 469 | 313 | 782 |
| | 029-14 | 510 | 459 | 969 |
| | 029-15 | 657 | 394 | 1051 |
| | 029-16 | 475 | 371 | 846 |
| SBT030 | 030-01 | 1260 | 675 | 1935 |
| | 030-02 | 324 | 362 | 686 |
| | 030-03 | 1060 | <LOD | 1060 |
| | 030-04 | 712 | 526 | 1238 |
| | 030-05 | 357 | 505 | 862 |
| | 030-06 | 1135 | 1015 | 2150 |
| | 030-07 | 886 | 503 | 1389 |
| | 030-08 | 697 | 457 | 1154 |
| | 030-09 | 1353 | 733 | 2086 |
| | 030-10 | 843 | 532 | 1375 |
| | 030-11 | 969 | 530 | 1499 |
| | 030-12 | 1173 | 518 | 1691 |
| | 030-13 | 700 | 420 | 1120 |
| | 030-14 | 431 | 278 | 709 |
| | 030-15 | 962 | 601 | 1563 |
| SBT031 | 031-01 | 765 | 399 | 1164 |
| | 031-02 | 878 | 621 | 1499 |
| | 031-03 | 885 | 811 | 1696 |
| | 031-04 | 389 | 612 | 1001 |
| | 031-05 | 649 | 470 | 1119 |
| | 031-06 | 588 | 262 | 850 |
| | 031-07 | 390 | 437 | 827 |
| | 031-08 | 661 | 200 | 861 |
| | 031-09 | 402 | 420 | 822 |
| | 031-10 | 693 | 451 | 1144 |
| | 031-11 | 626 | 288 | 914 |
| | 031-12 | 636 | 345 | 981 |
| | 031-13 | 691 | 560 | 1251 |
| | 031-14 | 701 | 330 | 1031 |
| | 031-15 | 635 | 209 | 844 |
| SBT032 | 032-01 | 428 | 748 | 1176 |

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ABN

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 032-02 | 1130 | 859 | 1989 |
| | 032-03 | 1422 | 886 | 2308 |
| | 032-04 | 615 | 376 | 991 |
| | 032-05 | 746 | 588 | 1334 |
| | 032-06 | 830 | 425 | 1255 |
| | 032-07 | 473 | 331 | 804 |
| | 032-08 | 324 | 341 | 665 |
| | 032-09 | 1206 | 344 | 1550 |
| | 032-10 | 460 | 310 | 770 |
| | 032-11 | 388 | 594 | 982 |
| | 032-12 | 699 | 411 | 1110 |
| | 032-13 | 627 | 341 | 968 |
| | 032-14 | 488 | 461 | 949 |
| SBT033 | 033-01 | 839 | 263 | 1102 |
| | 033-02 | 738 | 537 | 1275 |
| | 033-03 | 1072 | 923 | 1995 |
| | 033-04 | 442 | 542 | 984 |
| | 033-05 | 458 | 316 | 774 |
| | 033-06 | 386 | 211 | 597 |
| | 033-07 | 313 | 509 | 822 |
| | 033-08 | 629 | 552 | 1181 |
| | 033-09 | 329 | 376 | 705 |
| | 033-10 | 883 | 288 | 1171 |
| | 033-11 | 815 | 641 | 1456 |
| | 033-12 | 459 | 221 | 680 |
| | 033-13 | 1280 | 913 | 2193 |
| | 033-14 | 612 | 609 | 1221 |
| SBT034 | 034-01 | 899 | 552 | 1451 |
| | 034-02 | 445 | 680 | 1125 |
| | 034-03 | 403 | 204 | 607 |
| | 034-04 | 462 | 318 | 780 |
| | 034-05 | 396 | 394 | 790 |
| | 034-06 | 502 | 587 | 1089 |
| | 034-07 | 493 | 350 | 843 |
| | 034-08 | 870 | 246 | 1116 |
| | 034-09 | 614 | 486 | 1100 |
| | 034-10 | 887 | 463 | 1350 |
| | 034-11 | 349 | 430 | 779 |
| | 034-12 | 901 | 416 | 1317 |
| | 034-13 | 464 | 543 | 1007 |
| | 034-14 | 439 | 392 | 831 |
| | 034-15 | 911 | 980 | 1891 |
| SBT035 | 035-01 | 1138 | 1064 | 2202 |
| | 035-02 | 999 | 485 | 1484 |
| | 035-03 | 634 | 620 | 1254 |
| | 035-04 | 783 | 251 | 1034 |
| | 035-05 | 695 | 492 | 1187 |
| | 035-06 | 404 | 509 | 913 |
| | 035-07 | 593 | 339 | 932 |
| | 035-08 | 426 | 425 | 851 |
| | 035-09 | 252 | 241 | 493 |
| | 035-10 | 879 | 434 | 1313 |
| | 035-11 | 609 | 243 | 852 |
| | 035-12 | 406 | 376 | 782 |
| | 035-13 | 357 | 434 | 791 |
| | 035-14 | 420 | 336 | 756 |
| | 035-15 | 1165 | 541 | 1706 |
| | 035-16 | 388 | 251 | 639 |
| SBT036 | 036-01 | 685 | 415 | 1100 |
| | 036-02 | 676 | 467 | 1143 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 036-03 | 813 | 666 | 1479 |
| | 036-04 | 1132 | 491 | 1623 |
| | 036-05 | 391 | 437 | 828 |
| | 036-06 | 707 | 496 | 1203 |
| | 036-07 | 191 | 443 | 634 |
| | 036-08 | 333 | 255 | 588 |
| | 036-09 | 635 | 269 | 904 |
| | 036-10 | 866 | 446 | 1312 |
| | 036-11 | 876 | 503 | 1379 |
| | 036-12 | 345 | 401 | 746 |
| | 036-13 | 1111 | 305 | 1416 |
| | 036-14 | 458 | <LOD | 458 |
| | 036-15 | 452 | 225 | 677 |
| | 036-16 | 800 | 130 | 930 |
| | 036-17 | 461 | 487 | 948 |
| SBT037 | 037-01 | 1640 | 828 | 2468 |
| | 037-02 | 780 | 436 | 1216 |
| | 037-03 | 570 | 523 | 1093 |
| | 037-04 | 787 | 456 | 1243 |
| | 037-05 | 325 | 258 | 583 |
| | 037-06 | 719 | 472 | 1191 |
| | 037-07 | 785 | 345 | 1130 |
| | 037-08 | 928 | 172 | 1100 |
| | 037-09 | 611 | 180 | 791 |
| | 037-10 | 1607 | 984 | 2591 |
| | 037-11 | 915 | 621 | 1536 |
| | 037-12 | 608 | 464 | 1072 |
| | 037-13 | 1139 | 411 | 1550 |
| | 037-14 | 820 | 290 | 1110 |
| | 037-15 | 655 | 340 | 995 |
| | 037-16 | 427 | 354 | 781 |
| | 037-17 | 1279 | 426 | 1705 |
| SBT038 | 038-01 | 298 | 348 | 646 |
| | 038-02 | 661 | 759 | 1420 |
| | 038-03 | 544 | 279 | 823 |
| | 038-04 | 681 | 264 | 945 |
| | 038-05 | 1012 | 282 | 1294 |
| | 038-06 | 667 | 296 | 963 |
| | 038-07 | 684 | 247 | 931 |
| | 038-08 | 576 | 379 | 955 |
| | 038-09 | 625 | 489 | 1114 |
| | 038-10 | 799 | 577 | 1376 |
| | 038-11 | 772 | 601 | 1373 |
| | 038-12 | 906 | 307 | 1213 |
| | 038-13 | 858 | 488 | 1346 |
| | 038-14 | 635 | 146 | 781 |
| | 038-15 | 591 | 385 | 976 |
| SBT039 | 039-01 | 463 | 173 | 636 |
| | 039-02 | 518 | 318 | 836 |
| | 039-03 | 777 | 601 | 1378 |
| | 039-04 | 345 | 322 | 667 |
| | 039-05 | 547 | 599 | 1146 |
| | 039-06 | 1002 | 541 | 1543 |
| | 039-07 | 929 | 719 | 1648 |
| | 039-08 | 722 | 427 | 1149 |
| | 039-09 | 856 | 420 | 1276 |
| | 039-10 | 516 | 364 | 880 |
| | 039-11 | 650 | 334 | 984 |
| | 039-12 | 963 | 594 | 1557 |
| | 039-13 | 408 | 236 | 644 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 039-14 | 435 | 449 | 884 |
| | 039-15 | 499 | 485 | 984 |
| | 039-16 | 460 | 190 | 650 |
| | 039-17 | 619 | 266 | 885 |
| | 039-18 | 773 | 379 | 1152 |
| SBT040 | 040-01 | 646 | 282 | 928 |
| | 040-02 | 382 | 285 | 667 |
| | 040-03 | 369 | 161 | 530 |
| | 040-04 | 526 | 456 | 982 |
| | 040-05 | 467 | 719 | 1186 |
| | 040-06 | 597 | 416 | 1013 |
| | 040-07 | 196 | 388 | 584 |
| | 040-08 | 637 | 416 | 1053 |
| | 040-09 | 811 | 634 | 1445 |
| | 040-10 | 681 | 394 | 1075 |
| | 040-11 | 915 | 450 | 1365 |
| | 040-12 | 467 | 489 | 956 |
| | 040-13 | 625 | 290 | 915 |
| | 040-14 | 588 | 230 | 818 |
| | 040-15 | 864 | 447 | 1311 |
| | 040-16 | 955 | 475 | 1430 |
| SBT041 | 041-01 | 694 | 745 | 1439 |
| | 041-02 | 462 | 795 | 1257 |
| | 041-03 | 365 | 382 | 747 |
| | 041-04 | 1158 | 746 | 1904 |
| | 041-05 | 754 | 550 | 1304 |
| | 041-06 | 1027 | 942 | 1969 |
| | 041-07 | 670 | 592 | 1262 |
| | 041-08 | 763 | 466 | 1229 |
| | 041-09 | 327 | 353 | 680 |
| | 041-10 | 619 | 527 | 1146 |
| | 041-11 | 643 | 599 | 1242 |
| | 041-12 | 506 | 443 | 949 |
| | 041-13 | 791 | 525 | 1316 |
| | 041-14 | 465 | 401 | 866 |
| | 041-15 | 782 | 559 | 1341 |
| SBT042 | 042-01 | 509 | 350 | 859 |
| | 042-02 | 944 | 775 | 1719 |
| | 042-03 | 840 | 333 | 1173 |
| | 042-04 | 844 | 501 | 1345 |
| | 042-05 | 651 | 321 | 972 |
| | 042-06 | 594 | 182 | 776 |
| | 042-07 | 681 | 359 | 1040 |
| | 042-08 | 562 | 375 | 937 |
| | 042-09 | 508 | 869 | 1377 |
| | 042-10 | 511 | 622 | 1133 |
| | 042-11 | 526 | 243 | 769 |
| SBT043 | 043-01 | 680 | 832 | 1512 |
| | 043-02 | 514 | 436 | 950 |
| | 043-03 | 952 | 769 | 1721 |
| | 043-04 | 619 | 277 | 896 |
| | 043-05 | 288 | 146 | 434 |
| | 043-06 | 474 | 450 | 924 |
| | 043-07 | 678 | 273 | 951 |
| | 043-08 | 758 | 488 | 1246 |
| | 043-09 | 775 | 627 | 1402 |
| | 043-10 | 417 | 245 | 662 |
| | 043-11 | 839 | 635 | 1474 |
| | 043-12 | 761 | 483 | 1244 |
| | 043-13 | 869 | 287 | 1156 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|---------|--------|--------|-------|
| | 043-14 | 601 | 364 | 965 |
| SBT044 | 044-01 | 648 | 912 | 1560 |
| | 044-02 | 588 | 321 | 909 |
| | 044-03 | 845 | 434 | 1279 |
| | 044-04 | 759 | 504 | 1263 |
| | 044-05 | 1122 | 756 | 1878 |
| | 044-06 | 322 | 339 | 661 |
| | 044-07 | 381 | 201 | 582 |
| | 044-08 | 638 | 618 | 1256 |
| | 044-09 | 496 | 287 | 783 |
| | 044-10 | 471 | 217 | 688 |
| | 044-11 | 1186 | 787 | 1973 |
| | 044-12 | 1083 | 509 | 1592 |
| SBT045 | 045-01 | 892 | 190 | 1082 |
| | 045-02 | 631 | 327 | 958 |
| | 045-03 | 798 | 466 | 1264 |
| | 045-04 | 444 | 344 | 788 |
| | 045-05 | 474 | 388 | 862 |
| | 045-06 | 375 | 446 | 821 |
| | 045-07 | 704 | 378 | 1082 |
| | 045-08 | 551 | 456 | 1007 |
| | 045-09 | 594 | 269 | 863 |
| | 045-10 | 434 | 368 | 802 |
| | 045-11 | 239 | 331 | 570 |
| | 045-12 | 680 | 354 | 1034 |
| | 045-13 | 595 | 506 | 1101 |
| | 045-14 | 287 | 286 | 573 |
| SBT046 | 046-01 | 407 | 205 | 612 |
| | 046-02 | 809 | 514 | 1323 |
| | 046-03 | 1686 | 1025 | 2711 |
| | 046-04 | 395 | 271 | 666 |
| | 046-05 | 602 | 218 | 820 |
| | 046-06 | 767 | 471 | 1238 |
| | 046-07 | 709 | 440 | 1149 |
| | 046-08 | 638 | 249 | 887 |
| | 046-09 | 418 | 560 | 978 |
| | 046-10 | 885 | 459 | 1344 |
| | 046-11 | 612 | 265 | 877 |
| | 046-12 | 966 | 473 | 1439 |
| | 046-13 | 709 | 367 | 1076 |
| | 046-14 | 558 | 460 | 1018 |
| | 046-15 | 713 | 483 | 1196 |
| | 046-16 | 585 | 275 | 860 |
| | 046-17 | 367 | 104 | 471 |
| | 046-18 | 293 | 150 | 443 |
| | 046-19 | 357 | 384 | 741 |
| SBT047 | 047-01 | 472 | 606 | 1078 |
| | 047-02 | 1067 | 430 | 1497 |
| | 047-03 | 256 | 479 | 735 |
| | 047-04 | 630 | 481 | 1111 |
| | 047-05 | 357 | 333 | 690 |
| | 047-06 | 405 | 181 | 586 |
| | 047-07 | 319 | 287 | 606 |
| | 047-08 | 1062 | 481 | 1543 |
| | 047-09 | 674 | 615 | 1289 |
| | 047-10 | 331 | 561 | 892 |
| | 047-11 | 438 | 299 | 737 |
| | 047-12 | 837 | 591 | 1428 |
| | 047-12a | 642 | 717 | 1359 |
| | 047-13 | 386 | 348 | 734 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|-----------|--------|-------|
| | 047-14 | 442 | 282 | 724 |
| | 047-15 | 460 | 399 | 859 |
| | 047-16 | 556 | 337 | 893 |
| SBT048 | 048-01 | 534 | 378 | 912 |
| | 048-02 | No Sample | | 0 |
| | 048-03 | 675 | 679 | 1354 |
| | 048-04 | 657 | 399 | 1056 |
| | 048-05 | 599 | 342 | 941 |
| | 048-06 | 508 | 297 | 805 |
| | 048-07 | 721 | 523 | 1244 |
| | 048-08 | 375 | 397 | 772 |
| | 048-09 | 357 | 348 | 705 |
| | 048-10 | 556 | 348 | 904 |
| | 048-11 | 326 | 241 | 567 |
| | 048-12 | 305 | 299 | 604 |
| | 048-13 | 718 | 351 | 1069 |
| | 048-14 | 502 | 386 | 888 |
| | 048-15 | 473 | 204 | 677 |
| | 048-16 | 458 | 461 | 919 |
| | 048-17 | 828 | 697 | 1525 |
| | 048-18 | 997 | 412 | 1409 |
| | 048-19 | 691 | 380 | 1071 |
| | 048-20 | 636 | 280 | 916 |
| SBT049 | 049-01 | 974 | 804 | 1778 |
| | 049-02 | 720 | 376 | 1096 |
| | 049-03 | 577 | 310 | 887 |
| | 049-04 | 1104 | 463 | 1567 |
| | 049-05 | 228 | 323 | 551 |
| | 049-06 | 518 | 293 | 811 |
| | 049-07 | 903 | 653 | 1556 |
| | 049-08 | 355 | 277 | 632 |
| | 049-09 | 730 | 250 | 980 |
| | 049-10 | 536 | 355 | 891 |
| | 049-11 | 859 | 732 | 1591 |
| | 049-12 | 522 | 405 | 927 |
| | 049-13 | 493 | 397 | 890 |
| | 049-14 | 305 | 551 | 856 |
| | 049-15 | 540 | 203 | 743 |
| | 049-16 | 1064 | 724 | 1788 |
| | 049-17 | 635 | 442 | 1077 |
| | 049-18 | 689 | 464 | 1153 |
| | 049-19 | 312 | 308 | 620 |
| | 049-20 | 385 | 597 | 982 |
| | 049-21 | 494 | 495 | 989 |
| | 049-22 | <LOD | 289 | 289 |
| | 049-23 | 777 | 498 | 1275 |
| | 049-24 | 620 | 466 | 1086 |
| | 049-25 | 517 | 548 | 1065 |
| | 049-26 | 481 | 404 | 885 |
| SBT050 | 050-01 | 552 | 341 | 893 |
| | 050-02 | 844 | 203 | 1047 |
| | 050-03 | 563 | 477 | 1040 |
| | 050-04 | 310 | 623 | 933 |
| | 050-05 | 363 | 339 | 702 |
| | 050-06 | 421 | 241 | 662 |
| | 050-07 | 634 | 431 | 1065 |
| | 050-08 | 931 | 399 | 1330 |
| | 050-09 | 439 | 267 | 706 |
| | 050-10 | 790 | 632 | 1422 |
| | 050-11 | 851 | 511 | 1362 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 050-12 | 529 | 344 | 873 |
| | 050-13 | 1075 | 289 | 1364 |
| | 050-14 | 491 | 353 | 844 |
| | 050-15 | 668 | 422 | 1090 |
| | 050-16 | 495 | 250 | 745 |
| | 050-17 | 288 | 403 | 691 |
| | 050-18 | 481 | 277 | 758 |
| | 050-19 | 972 | 327 | 1299 |
| | 050-20 | 498 | 344 | 842 |
| | 050-21 | 616 | 383 | 999 |
| | 050-22 | 570 | 208 | 778 |
| SBT051 | 051-01 | 276 | 426 | 702 |
| | 051-02 | 443 | 571 | 1014 |
| | 051-03 | 898 | 620 | 1518 |
| | 051-04 | 464 | 437 | 901 |
| | 051-05 | 301 | 501 | 802 |
| | 051-06 | 607 | 518 | 1125 |
| | 051-07 | 407 | 394 | 801 |
| | 051-08 | 676 | 514 | 1190 |
| | 051-09 | 544 | 505 | 1049 |
| | 051-10 | 306 | 282 | 588 |
| | 051-11 | 681 | 426 | 1107 |
| | 051-12 | 508 | 216 | 724 |
| | 051-13 | 379 | 262 | 641 |
| | 051-14 | 373 | 306 | 679 |
| | 051-15 | 852 | 590 | 1442 |
| | 051-16 | 383 | 403 | 786 |
| | 051-17 | 938 | 399 | 1337 |
| | 051-18 | 660 | 295 | 955 |
| SBT052 | 052-01 | 728 | 526 | 1254 |
| | 052-02 | 668 | 399 | 1067 |
| | 052-03 | 343 | 438 | 781 |
| | 052-04 | 642 | 500 | 1142 |
| | 052-05 | 337 | 271 | 608 |
| | 052-06 | 498 | 345 | 843 |
| | 052-07 | 1061 | 567 | 1628 |
| | 052-08 | 621 | 298 | 919 |
| | 052-09 | 604 | 534 | 1138 |
| | 052-10 | 603 | 208 | 811 |
| | 052-11 | 661 | 337 | 998 |
| | 052-12 | 297 | 199 | 496 |
| | 052-13 | 551 | 248 | 799 |
| | 052-14 | 937 | 524 | 1461 |
| SBT053 | 053-01 | 319 | 355 | 674 |
| | 053-02 | 493 | 644 | 1137 |
| | 053-03 | 439 | 262 | 701 |
| | 053-04 | 277 | 319 | 596 |
| | 053-05 | 797 | 611 | 1408 |
| | 053-06 | 524 | 252 | 776 |
| | 053-07 | 577 | 372 | 949 |
| | 053-08 | 387 | 273 | 660 |
| | 053-09 | 630 | 325 | 955 |
| | 053-10 | 200 | 408 | 608 |
| | 053-11 | 563 | 201 | 764 |
| | 053-12 | 469 | 334 | 803 |
| | 053-13 | 396 | 287 | 683 |
| | 053-14 | 637 | 509 | 1146 |
| | 053-15 | 587 | 278 | 865 |
| | 053-16 | 718 | 291 | 1009 |
| | 053-17 | 671 | 280 | 951 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| SBT054 | 054-01 | 528 | 472 | 1000 |
| | 054-02 | 455 | 407 | 862 |
| | 054-03 | 689 | 589 | 1278 |
| | 054-04 | 268 | 165 | 433 |
| | 054-05 | 590 | 640 | 1230 |
| | 054-05 | 317 | 335 | 652 |
| | 054-07 | 349 | 433 | 782 |
| | 054-08 | 644 | 476 | 1120 |
| | 054-09 | 460 | 467 | 927 |
| | 054-10 | 697 | 464 | 1161 |
| | 054-11 | 639 | 374 | 1013 |
| | 054-12 | 882 | 243 | 1125 |
| | 054-13 | 473 | 418 | 891 |
| | 054-14 | 526 | 367 | 893 |
| | 054-15 | 414 | 509 | 923 |
| | 054-16 | 436 | 408 | 844 |
| | 054-17 | 877 | 458 | 1335 |
| | 054-18 | 862 | 534 | 1396 |
| SBT055 | 055-01 | 357 | 676 | 1033 |
| | 055-02 | 215 | 337 | 552 |
| | 055-03 | 634 | 250 | 884 |
| | 055-04 | 716 | 600 | 1316 |
| | 055-05 | 738 | 413 | 1151 |
| | 055-06 | 623 | 529 | 1152 |
| | 055-07 | 667 | 463 | 1130 |
| | 055-08 | 248 | 282 | 530 |
| | 055-09 | 606 | 412 | 1018 |
| | 055-10 | 323 | 183 | 506 |
| | 055-11 | 492 | 209 | 701 |
| | 055-12 | 372 | 241 | 613 |
| | 055-13 | 490 | 297 | 787 |
| | 055-14 | 856 | 411 | 1267 |
| | 055-15 | 976 | 338 | 1314 |
| | 055-16 | 323 | 564 | 887 |
| | 055-17 | 570 | 325 | 895 |
| | 055-18 | 664 | 484 | 1148 |
| SBT056 | 056-01 | 696 | 255 | 951 |
| | 056-02 | 488 | 244 | 732 |
| | 056-03 | 972 | 684 | 1656 |
| | 056-04 | 280 | 231 | 511 |
| | 056-05 | 740 | 395 | 1135 |
| | 056-06 | 430 | 342 | 772 |
| | 056-07 | 368 | 380 | 748 |
| | 056-08 | 646 | 710 | 1356 |
| | 056-09 | 601 | 473 | 1074 |
| | 056-10 | 564 | 345 | 909 |
| | 056-11 | 663 | 242 | 905 |
| | 056-12 | 629 | 516 | 1145 |
| | 056-13 | 389 | 441 | 830 |
| | 056-14 | 553 | 268 | 821 |
| | 056-15 | 624 | 411 | 1035 |
| | 056-16 | 609 | 538 | 1147 |
| | 056-17 | 585 | 595 | 1180 |
| | 056-18 | 283 | 372 | 655 |
| SBT057 | 057-01 | 474 | 709 | 1183 |
| | 057-02 | 1071 | 529 | 1600 |
| | 057-03 | 364 | 354 | 718 |
| | 057-04 | 288 | 272 | 560 |
| | 057-05 | 721 | 563 | 1284 |
| | 057-06 | 687 | 208 | 895 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 057-07 | 414 | 262 | 676 |
| | 057-08 | 414 | 518 | 932 |
| | 057-09 | 419 | 293 | 712 |
| | 057-10 | 607 | 327 | 934 |
| | 057-11 | 572 | 295 | 867 |
| | 057-12 | 577 | 502 | 1079 |
| | 057-13 | 545 | 225 | 770 |
| | 057-14 | 407 | 293 | 700 |
| | 057-15 | 370 | 345 | 715 |
| | 057-16 | 366 | 405 | 771 |
| | 057-17 | 600 | 432 | 1032 |
| | 057-18 | 731 | 404 | 1135 |
| SBT058 | 058-01 | 606 | 518 | 1124 |
| | 058-02 | 650 | 239 | 889 |
| | 058-03 | 670 | 443 | 1113 |
| | 058-04 | 481 | 477 | 958 |
| | 058-05 | 640 | 514 | 1154 |
| | 058-06 | 987 | 769 | 1756 |
| | 058-07 | 741 | 236 | 977 |
| | 058-08 | 409 | 362 | 771 |
| | 058-09 | 540 | 510 | 1050 |
| | 058-10 | 289 | 198 | 487 |
| | 058-11 | 743 | 501 | 1244 |
| | 058-12 | 479 | 273 | 752 |
| | 058-13 | 552 | 504 | 1056 |
| | 058-14 | 665 | 520 | 1185 |
| SBT059 | 059-01 | 648 | 598 | 1246 |
| | 059-02 | 848 | 628 | 1476 |
| | 059-03 | 717 | 970 | 1687 |
| | 059-04 | 657 | 572 | 1229 |
| | 059-05 | 755 | 503 | 1258 |
| | 059-06 | 528 | 226 | 754 |
| | 059-07 | 675 | 333 | 1008 |
| | 059-08 | 759 | 434 | 1193 |
| | 059-09 | 459 | 269 | 728 |
| | 059-10 | 585 | 481 | 1066 |
| | 059-11 | 328 | 440 | 768 |
| | 059-12 | 318 | 357 | 675 |
| | 059-13 | 290 | 429 | 719 |
| | 059-14 | 802 | 382 | 1184 |
| | 059-15 | 377 | 225 | 602 |
| | 059-16 | 595 | 190 | 785 |
| | 059-17 | 941 | 655 | 1596 |
| | 059-18 | 545 | 245 | 790 |
| SBT060 | 060-01 | 519 | 567 | 1086 |
| | 060-02 | 415 | 233 | 648 |
| | 060-03 | 637 | 548 | 1185 |
| | 060-04 | 554 | 585 | 1139 |
| | 060-05 | 667 | 278 | 945 |
| | 060-06 | 391 | 280 | 671 |
| | 060-07 | 524 | 387 | 911 |
| | 060-08 | 582 | 235 | 817 |
| | 060-09 | 602 | 230 | 832 |
| | 060-10 | 821 | 397 | 1218 |
| | 060-11 | 580 | 373 | 953 |
| | 060-12 | 302 | 222 | 524 |
| | 060-13 | 257 | 269 | 526 |
| | 060-14 | 380 | 155 | 535 |
| | 060-15 | 351 | 215 | 566 |
| | 060-16 | 543 | 339 | 882 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 060-17 | 673 | 467 | 1140 |
| | 060-18 | 534 | 331 | 865 |
| SBT061 | 061-01 | 935 | 799 | 1734 |
| | 061-02 | 821 | 544 | 1365 |
| | 061-03 | 752 | 408 | 1160 |
| | 061-04 | 1183 | 682 | 1865 |
| | 061-05 | 669 | 577 | 1246 |
| | 061-06 | 522 | 222 | 744 |
| | 061-07 | 655 | 234 | 889 |
| | 061-08 | 424 | 319 | 743 |
| | 061-09 | 602 | 403 | 1005 |
| | 061-10 | 501 | 281 | 782 |
| | 061-11 | 506 | 341 | 847 |
| | 061-12 | 642 | 379 | 1021 |
| | 061-13 | 694 | 352 | 1046 |
| | 061-14 | 212 | 260 | 472 |
| | 061-15 | 789 | 443 | 1232 |
| | 061-16 | 760 | 252 | 1012 |
| | 061-17 | 228 | 479 | 707 |
| | 061-18 | 657 | 210 | 867 |
| SBT062 | 062-01 | 547 | 562 | 1109 |
| | 062-02 | 838 | 560 | 1398 |
| | 062-03 | 644 | 823 | 1467 |
| | 062-04 | 637 | 295 | 932 |
| | 062-05 | 836 | 556 | 1392 |
| | 062-06 | 873 | 545 | 1418 |
| | 062-07 | 565 | 368 | 933 |
| | 062-08 | 407 | 337 | 744 |
| | 062-09 | 351 | 318 | 669 |
| | 062-10 | 1166 | 854 | 2020 |
| | 062-11 | 336 | 243 | 579 |
| | 062-12 | 548 | 444 | 992 |
| | 062-13 | 479 | 511 | 990 |
| | 062-14 | 550 | 407 | 957 |
| | 062-15 | 415 | 378 | 793 |
| | 062-16 | 456 | 365 | 821 |
| | 062-17 | 406 | 225 | 631 |
| | 062-18 | 479 | 289 | 768 |
| SBT063 | 063-01 | 440 | 285 | 725 |
| | 063-02 | 501 | 435 | 936 |
| | 063-03 | 1159 | 821 | 1980 |
| | 063-04 | 761 | 365 | 1126 |
| | 063-05 | 578 | 332 | 910 |
| | 063-06 | 648 | 596 | 1244 |
| | 063-07 | 635 | 350 | 985 |
| | 063-08 | 241 | 160 | 401 |
| | 063-09 | 366 | 416 | 782 |
| | 063-10 | 745 | 778 | 1523 |
| | 063-11 | 329 | 290 | 619 |
| | 063-12 | 526 | 436 | 962 |
| | 063-13 | 525 | 302 | 827 |
| | 063-14 | 390 | 198 | 588 |
| | 063-15 | 305 | 391 | 696 |
| | 063-16 | 614 | 399 | 1013 |
| | 063-17 | 947 | 365 | 1312 |
| SBT064 | 064-01 | 640 | 423 | 1063 |
| | 064-02 | 767 | 566 | 1333 |
| | 064-03 | 609 | 657 | 1266 |
| | 064-04 | 749 | 568 | 1317 |
| | 064-05 | 689 | 420 | 1109 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 064-06 | 890 | 606 | 1496 |
| | 064-07 | 719 | 218 | 937 |
| | 064-08 | 500 | 366 | 866 |
| | 064-09 | 514 | 385 | 899 |
| | 064-10 | 746 | 443 | 1189 |
| | 064-11 | 512 | 225 | 737 |
| | 064-12 | 608 | 417 | 1025 |
| | 064-13 | 302 | 451 | 753 |
| SBT065 | 065-01 | 1001 | 700 | 1701 |
| | 065-02 | 1087 | 903 | 1990 |
| | 065-03 | 948 | 626 | 1574 |
| | 065-04 | 444 | 205 | 649 |
| | 065-05 | 713 | 305 | 1018 |
| | 065-06 | 789 | 754 | 1543 |
| | 065-07 | 736 | 388 | 1124 |
| | 065-08 | 415 | 379 | 794 |
| | 065-09 | 574 | 404 | 978 |
| | 065-09 | 1234 | 520 | 1754 |
| | 065-10 | 420 | 364 | 784 |
| | 065-11 | 619 | 436 | 1055 |
| | 065-12 | 802 | 414 | 1216 |
| | 065-13 | 380 | 498 | 878 |
| | 065-14 | 485 | 316 | 801 |
| | 065-15 | 395 | 242 | 637 |
| | 065-16 | 644 | 384 | 1028 |
| | 065-17 | 691 | 252 | 943 |
| SBT066 | 066-01 | 745 | 584 | 1329 |
| | 066-02 | 661 | 328 | 989 |
| | 066-03 | 390 | 408 | 798 |
| | 066-04 | 359 | 404 | 763 |
| | 066-05 | 565 | 227 | 792 |
| | 066-06 | 755 | 502 | 1257 |
| | 066-07 | 662 | 466 | 1128 |
| | 066-08 | 1245 | 454 | 1699 |
| | 066-09 | 894 | 541 | 1435 |
| | 066-10 | 606 | 274 | 880 |
| | 066-11 | 829 | 337 | 1166 |
| | 066-12 | 499 | 265 | 764 |
| | 066-13 | 438 | 434 | 872 |
| | 066-14 | 557 | 324 | 881 |
| | 066-15 | 1065 | 371 | 1436 |
| SBT067 | 067-01 | 622 | 532 | 1154 |
| | 067-02 | 1014 | 543 | 1557 |
| | 067-03 | 554 | 502 | 1056 |
| | 067-04 | 499 | 462 | 961 |
| | 067-05 | 1172 | 691 | 1863 |
| | 067-06 | 657 | 364 | 1021 |
| | 067-07 | 413 | 390 | 803 |
| | 067-08 | 517 | 499 | 1016 |
| | 067-09 | 874 | 405 | 1279 |
| | 067-10 | 1422 | 881 | 2303 |
| | 067-11 | 594 | 621 | 1215 |
| | 067-12 | 523 | 767 | 1290 |
| | 067-13 | 525 | 485 | 1010 |
| | 067-14 | 542 | 440 | 982 |
| | 067-15 | 400 | 252 | 652 |
| SBT068 | 068-01 | 599 | 510 | 1109 |
| | 068-02 | 1175 | 265 | 1440 |
| | 068-03 | 512 | 402 | 914 |
| | 068-04 | 793 | 363 | 1156 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 068-05 | 653 | 353 | 1006 |
| | 068-06 | 438 | 226 | 664 |
| | 068-07 | 329 | 570 | 899 |
| | 068-08 | 643 | 287 | 930 |
| | 068-09 | 961 | 347 | 1308 |
| | 068-10 | 434 | 214 | 648 |
| | 068-11 | 648 | 718 | 1366 |
| | 068-12 | 739 | 347 | 1086 |
| | 068-13 | 1099 | 308 | 1407 |
| | 068-14 | 954 | 382 | 1336 |
| | 068-15 | 717 | 454 | 1171 |
| | 068-16 | 1066 | 387 | 1453 |
| SBT069 | 069-01 | 510 | 231 | 741 |
| | 069-02 | 403 | 472 | 875 |
| | 069-03 | 391 | 241 | 632 |
| | 069-04 | 340 | 254 | 594 |
| | 069-05 | 380 | 358 | 738 |
| | 069-06 | 315 | 419 | 734 |
| | 069-07 | 403 | 373 | 776 |
| | 069-08 | 531 | 292 | 823 |
| | 069-09 | 748 | 556 | 1304 |
| | 069-10 | 322 | 237 | 559 |
| | 069-11 | 417 | 288 | 705 |
| | 069-12 | 762 | 368 | 1130 |
| | 069-13 | 657 | 506 | 1163 |
| | 069-14 | 464 | 441 | 905 |
| SBT070 | 070-01 | 504 | 341 | 845 |
| | 070-02 | 316 | 348 | 664 |
| | 070-03 | 572 | 511 | 1083 |
| | 070-04 | 614 | 377 | 991 |
| | 070-05 | 1000 | 688 | 1688 |
| | 070-06 | 464 | 312 | 776 |
| | 070-07 | 434 | 295 | 729 |
| | 070-08 | 419 | 102 | 521 |
| | 070-09 | 464 | 461 | 925 |
| | 070-10 | 326 | 361 | 687 |
| | 070-11 | 414 | 268 | 682 |
| | 070-12 | 563 | 294 | 857 |
| | 070-13 | 871 | 496 | 1367 |
| | 070-14 | 385 | 477 | 862 |
| | 070-15 | 440 | 363 | 803 |
| | 070-16 | 678 | 354 | 1032 |
| | 070-17 | 361 | 351 | 712 |
| | 070-18 | 616 | 463 | 1079 |
| SBT071 | 071-01 | 561 | 498 | 1059 |
| | 071-02 | 909 | 631 | 1540 |
| | 071-03 | 285 | 403 | 688 |
| | 071-04 | 560 | 336 | 896 |
| | 071-05 | 359 | 451 | 810 |
| | 071-06 | 393 | 337 | 730 |
| | 071-07 | 490 | 523 | 1013 |
| | 071-08 | 435 | 495 | 930 |
| | 071-09 | 614 | 418 | 1032 |
| | 071-10 | 898 | 309 | 1207 |
| | 071-11 | 313 | 378 | 691 |
| | 071-12 | 314 | 288 | 602 |
| | 071-13 | 670 | 426 | 1096 |
| | 071-14 | 697 | 488 | 1185 |
| | 071-15 | 260 | 200 | 460 |
| | 071-16 | 976 | 529 | 1505 |

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| Drill | Sample | Nd ppm | Pr ppm | Nd+Pr |
|--------|--------|--------|--------|-------|
| | 071-17 | 293 | 250 | 543 |
| | 071-18 | 878 | 537 | 1415 |
| SBT072 | 072-01 | 589 | 606 | 1195 |
| | 072-02 | 556 | 228 | 784 |
| | 072-03 | 641 | 453 | 1094 |
| | 072-04 | 362 | 170 | 532 |
| | 072-05 | 227 | 344 | 571 |
| | 072-06 | 580 | 379 | 959 |
| | 072-07 | 356 | 295 | 651 |
| | 072-08 | 483 | 586 | 1069 |
| | 072-09 | 395 | 329 | 724 |
| | 072-10 | 857 | 625 | 1482 |
| | 072-11 | 824 | 267 | 1091 |
| | 072-12 | 253 | 329 | 582 |
| | 072-13 | 522 | 423 | 945 |
| | 072-14 | 836 | 468 | 1304 |
| | 072-15 | 398 | 381 | 779 |
| | 072-16 | 444 | 184 | 628 |
| | 072-17 | 368 | 284 | 652 |
| | 072-18 | 443 | 437 | 880 |

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JORC Code, 2012 Edition – Table 1 report template

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria | JORC Code explanation | Commentary |
|---------------------|---|---|
| Sampling techniques | <ul style="list-style-type: none"> Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. | <ul style="list-style-type: none"> The RC Aircore drilling program was undertaken by McLeod Drilling using industry standard air core drilling methods. To date, a total of 72 AC drill holes for 1,341m have been drilled at the Murraydium Project Drill spoil from each 1m from drill rig was collected in buckets in rows adjacent to the rig. An aluminium scoop was used to then sub-sample each spoil pile to create a 2-3kg 1m sample in a calico bag. A further smaller sample was collected with a spoon and placed in chip sample tray. All samples are submitted to Bureau Veritas Laboratories in Adelaide. At the laboratory, the samples are oven dried at 105 degrees for a minimum of 24 hours and secondary crushed to 10mm. The samples are submitted for analysis using ICP Scan (Mixed Acid Digest – Lithium Borate Fusion). Commercially obtained standards are inserted by the laboratory at a rate of ~ 1 in 15 into the sample. <p>Preliminary pXRF analysis</p> <ul style="list-style-type: none"> Preliminary assays were obtained using an OLYMPUS Delta XRF analyser. The pXRF was placed on the sample chips. One 3 beam, 30 second measurement was completed for each drill meter sample. The pXRF instrument is calibrated and serviced annually. Additionally, OREAS standards, appropriate to the style of mineralisation are routinely analysed to confirm performance. This procedure is in line with normal industry practice and deemed fit for the purpose for preliminary analysis in first pass exploration drilling. This report relates to exploration results of a preliminary nature. Portable (pXRF) is a preliminary technique which will be superseded by laboratory analysis from samples submitted to Bureau Veritas Laboratories, when they become available. |

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| Criteria | JORC Code explanation | Commentary |
|-----------------------|--|--|
| Drilling techniques | <ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). | <ul style="list-style-type: none"> LNR has completed air-core drilling, an industry standard technique. McLeod Drilling used a Toyota Land air core rig and support vehicle for the Aircore drilling. All drill holes were 3 inches in diameter. Aircore drill rods used were 3m long. AC drilling employed rotary blade type bit, with compressed air returning the chip samples through a reverse circulation up the innertube to a cyclone for sampling. All Aircore drillholes were vertical with depths varying between 11m and 30m depths. |
| Drill sample recovery | <ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. | <ul style="list-style-type: none"> No water was encountered during the drilling process, all drill samples were dry samples. Sample recovery is expected to have minimal negative impact on the sample representativity. No significant losses of samples were observed due to the shallow drilling depths ($\leq 30m$) Samples weights were not measured or weighed due to the preliminary nature of the project at the time of drilling. Drilling was undertaken using a 'best practise' approach to achieve maximum sample recovery and quality through the mineralised zones. Drill spoil from each 1m from drill rig was collected in buckets in rows adjacent to the rig. An aluminium scoop was used to then sub-sample each spoil pile to create a 2-3kg 1m sample in a calico bag. A further smaller sample was collected with a spoon and placed in chip sample tray. Best practise sampling procedure included: suitable usage of dust suppression, suitable shroud, lifting off bottom between each metre, cleaning of sampling equipment, ensuring a dry sample and suitable supervision by the supervising geologist to ensure good sample quality. At this stage, no known bias occurs between sample recovery and grade. |

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| Criteria | JORC Code explanation | Commentary |
|--|--|---|
| Logging | <ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. | <ul style="list-style-type: none"> AC chips were logged by a qualified geologist with sufficient experience in the geological terrane and relevant styles of mineralisation using an industry standard logging system which could eventually be utilised within a Mineral Resource Estimation. Lithology, mineralisation, alteration, veining, weathering and structure were all recorded digitally. Chips for each metre were stored in chip trays for preservation and future reference and XRF analysis. Logging is qualitative, quantitative or semi-quantitative in nature. Every drill hole was logged in full and logging was undertaken with reference to a drilling template with codes prescribed and guidance to ensure consistent and systematic data collection. |
| Sub-sampling techniques and sample preparation | <ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. | <ul style="list-style-type: none"> Single metre samples were collected from the drill spoil using a 'scoop'. Scoop sampling was carried out by contract field assistant. The scoop samples were collected by taking a cross section of the drill spoil, to ensure a representative sample of the full 1m sample was collected. The Competent Person considers scoop sampling acceptable method for representative sample given the low natural inherent variability of the mineralisation. Sample preparation is to be carried out by Bureau Veritas Laboratories. Drill spoil from each 1m from drill rig was collected in buckets in rows adjacent to the rig. An aluminium scoop was used to then sub-sample each spoil pile to create a 2-3kg 1m sample in a calico bag. A further smaller sample was collected with a spoon and placed in chip sample tray. |
| Quality of assay data and laboratory tests | <ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures | <p>Laboratory Analysis</p> <ul style="list-style-type: none"> ICP Scan (Mixed Acid Digest – Lithium Borate Fusion) is considered appropriate for REE determination. Samples are digested using a mixed acid digest and also fused with Lithium Borate to ensure all elements are brought into solution. The digests are then analysed for the following elements in ppm: Ag, Ca, Cu, Gd, Li, Nb, Rb, Si, Te, V, Al, Cd, Dy, Hf, Lu, Nd, Re, Sm, Th, W, As, Ce, Er, Ho, Mg, Ni, S, Sn, Ti, Y, Ba, Co, Eu, Ln, Mn, P, Sb, Sr, TL, Zn, Be, Cr, Fe, K, Mo, Pb, Sc, Ta, Tm, Zr, Bi, Cs, Ga, La, Na, Pr, Se, Tb, U, Yb. |

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|---|--|--|
| | <i>adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i> | |
| Verification of sampling and assaying | <ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. | <ul style="list-style-type: none"> Logging and sampling were recorded directly into a logging system, verified and eventually stored in an offsite database. Significant intersections are inspected by senior consultant personnel. No twinned holes have been drilled at this time. No adjustments to any assay data have been undertaken. |
| Location of data points | <ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. | <ul style="list-style-type: none"> Collar position was recorded using a Garmin handheld GPS which has an accuracy of +/- 5m. GDA2020_MGA_Zone_54 is the grid format for all xyz data reported. No downhole surveys have been completed – all holes are vertical and shallow. |
| Data spacing and distribution | <ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. | <ul style="list-style-type: none"> The drillhole spacing for the program is suitable as a 'first pass' for establishing a general trend of grade continuity for REE.. See drill table for hole positions. Data spacing at this stage is not suitable for Mineral Resource Estimation. |
| Orientation of data in relation to geological structure | <ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. | <ul style="list-style-type: none"> Vertical drilling generally achieved a very high angle of intercept with the flat lying, stratabound mineralisation. No sample bias is known at this time. |
| Sample security | <ul style="list-style-type: none"> The measures taken to ensure sample security. | <ul style="list-style-type: none"> All geochemical samples were collected, bagged, and sealed by competent exploration contractor and delivered to Bureau Veritas Laboratories in Adelaide. |
| Audits or | <ul style="list-style-type: none"> The results of any audits or reviews of | The program is continuously reviewed by senior |

| Criteria | JORC Code explanation | Commentary |
|----------|-------------------------------|--------------------|
| reviews | sampling techniques and data. | company personnel. |

Section 2 Reporting of Exploration Results

(Criteria in this section apply to all succeeding sections.)

| Criteria | JORC Code explanation | Commentary |
|---|--|---|
| Mineral tenement and land tenure status | <ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. | <p>Lanthanein Resources Ltd entered into a conditional agreement to acquire all of the shares in Southern Rare Earths Pty Ltd (SRE) which holds the granted exploration licences in the South East of South Australia. The acquisition was completed on 16 September 2021.</p> <ul style="list-style-type: none"> The Murraydium Project consists of 1 granted Exploration Licence EL6717. All tenements are 100% owned by Southern Rare Earths. |
| Exploration done by other parties | <ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. | <ul style="list-style-type: none"> There has been limited drilling for mineral sands by Iluka Resources along existing roads and tracks in 2002 and Australian Desalinated Water Pty Ltd in 2013. |
| Geology | <ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. | <ul style="list-style-type: none"> The project area forms part of an extensive Tertiary strand plain comprising a series of sandstone-dominant fluvial and beach-dune strand complexes. The sand units commonly form undulating sand ridges interspersed with low lying areas of clay, mud and sand. The neighboring Koppamura Deposit of REE-bearing clays that contain the Yellow Tail and Red Tail deposits occurs within the lower part of the Loxton-Parilla Sand unit. The Loxton-Parilla Sand is a very extensive unit widely distributed across the southern Murray Basin. Extensive areas of Loxton-Parilla Sand are exposed at surface within the Bordertown Block where it typically forms rolling terrain of low sandy hills and ridges |
| Drill hole Information | <ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception | <ul style="list-style-type: none"> An overview of the drilling program is given within the text within this document. |

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www.lanthanein.com

| Criteria | JORC Code explanation | Commentary |
|--|---|---|
| | <p>depth</p> <ul style="list-style-type: none"> o hole length. • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. | |
| Data aggregation methods | <ul style="list-style-type: none"> • In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • The assumptions used for any reporting of metal equivalent values should be clearly stated. | <ul style="list-style-type: none"> • pXRF readings conducted on the sample on the chip trays are reported. |
| Relationship between mineralisation widths and intercept lengths | <ul style="list-style-type: none"> • These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). | <ul style="list-style-type: none"> • Drillhole angle relative to mineralisation has been almost perpendicular, with vertical drillholes through the flat horizontal mineralisation related to the regolith. Generally, the stratabound intercepts are close to true width. |
| Diagrams | <ul style="list-style-type: none"> • Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. | <ul style="list-style-type: none"> • Refer to figures within this report. |
| Balanced reporting | <ul style="list-style-type: none"> • Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. | <ul style="list-style-type: none"> • The accompanying document is a balanced report with a suitable cautionary note. |
| Other substantive exploration | <ul style="list-style-type: none"> • Other exploration data, if meaningful and material, should be reported including (but not limited to): | <p>All material results are reported in this release.</p> |

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|--------------|---|--|
| data | <i>geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i> | |
| Further work | <ul style="list-style-type: none"> <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> | <p>Additional AC drilling</p> <p>Metallurgical test work</p> <p>Resource Modelling</p> |

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