

Sharman, G.R., et al., 2021, Detrital signals of coastal erosion and fluvial sediment supply during glacioeustatic sea-level rise, Southern California, USA: *Geology*, v. 49, <https://doi.org/10.1130/G49430.1>

## **Detrital signals of coastal erosion and fluvial sediment supply during glacioeustatic sea level rise, southern California, U.S.A.**

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### ***Supplementary Materials***

Table S1: Sample Summary

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Figure S1: Summary of Mixture Modeling Results

Appendix A: Detrital Zircon U-Pb Analytical Methodology

Appendix B: Supplementary Materials References

Table S1. Sample Summary

| Sample       | Unit                  | Sampled Depth | Age (yr)                                 | Latitude | Longitude | Zircon grain size ( $\mu\text{m}$ )<br>P10-P50-P90 |
|--------------|-----------------------|---------------|------------------------------------------|----------|-----------|----------------------------------------------------|
| SJC-01       | San Juan Creek        | --            | Modern                                   | 33.4670  | -117.6824 | 119-190-284                                        |
| SMC-01       | San Mateo Creek       | --            | Modern                                   | 33.4028  | -117.5839 | 92-152-267                                         |
| SMR-01       | Santa Margarita River | --            | Modern                                   | 33.2383  | -117.3932 | 101-168-251                                        |
| SLRR-01      | San Luis Rey River    | --            | Modern                                   | 33.2069  | -117.3851 | 107-168-246                                        |
| SDR-01       | San Dieguito River    | --            | Modern                                   | 32.9707  | -117.2612 | 92-180-303                                         |
| 503-P1*      | Oceanside fan         | 54-112 cm     | $7,227 \pm 202$ to $15,757 \pm 209^{**}$ | 33.0993  | -117.4358 | 64-100-162                                         |
| H5-P1†       | Carlsbad fan          | 58-108 cm     | $\sim 20,344 \pm 224^{**}$               | 33.0333  | -117.9345 | 46-72-97                                           |
| L2-76-SC g68 | upper La Jolla canyon | upper ~30cm   | Modern§                                  | 32.9017  | -117.3250 | 87-110-147                                         |
| L2-79-SC 98  | La Jolla fan          | upper ~80cm   | Modern§                                  | 32.6257  | -117.5666 | 69-91-118                                          |
| EM3-4#       | La Jolla fan          | 53-62 cm      | $\sim 40,000$                            | 32.84    | -117.62   | 38-52-72                                           |

\* Sample is bounded by calibrated  $^{14}\text{C}$  ages (Normark et al., 2009a), but the same is more likely > ca. 13 kyr based on the timing of the shutdown of the Oceanside fan (Covault et al., 2007; Covault and Fildani, 2014)

† Based on calibrated  $^{14}\text{C}$  age from 0.50-0.52 m below the seafloor (Normark et al., 2009a)

§ No age control, but the sample was collected ~30 to ~80 cm below the sea floor

# Based on a calibrated  $^{14}\text{C}$  age of 40 ka at 70 mbsf within the Mohole core (Covault et al., 2007)

\*\* Radiocarbon dating was provided by the National Ocean Sciences AMS (NOSAMS) facility at the Woods Hole Oceanographic Institution. Ages were calculated using the accepted half-life of  $^{14}\text{C}$  of 5568 years (Stuiver and Polach, 1977), and uncertainties are reported as 2-sigma. The original measurements were obtained by a  $^{14}\text{C}/^{12}\text{C}$  ratio and corrected for isotope fractionation by normalizing for  $\delta^{13}\text{C}$  by NOSAMS. A 633 year reservoir age was used for the mono-specific planktic foraminiferal samples [using only *Neogloboquadrina pachyderma* (Ehrenberg)] following Kennett et al. (2000), which is the sum of the global surface-water reservoir age correction of 400 years (Stuiver and Braziunas, 1993) and the regional reservoir-age correction ( $\Delta\text{R}$ ) of  $233 \pm 60$  years (Ingram and Southon, 1996). A 1750 year reservoir age was used for the mixed benthic foraminiferal samples, again using the 400 year global correction and a  $\Delta\text{R}$  of  $1350 \pm 200$  years (Mix et al., 1999). The raw radiocarbon ages were then converted to calibrated ages using the Marine20 calibration curve (Heaton et al., 2020) and the CALIB 8.2 program (Stuiver et al., 2021).



|                  |       |             |         |          |        |         |         |          |           |        |      |       |      |      |      |       |       |              |             |
|------------------|-------|-------------|---------|----------|--------|---------|---------|----------|-----------|--------|------|-------|------|------|------|-------|-------|--------------|-------------|
| SJR_01_81.FIN2   | 343   | 0.509037901 | 0.0485  | 0.0007   | 0.1255 | 0.00165 | 0.01868 | 0.00012  | 0.016245  | 119.9  | 1.5  | 119.3 | 0.75 | 122  | 29.5 | 119.3 | 0.75  | 0.500417014  | Rim<br>Core |
| SJR_01_82.FIN2   | 274   | 0.246715328 | 0.0876  | 0.0005   | 2.461  | 0.018   | 0.2023  | 0.00115  | 0.56223   | 1259   | 5.5  | 1187  | 6    | 1367 | 11.5 | 1367  | 11.5  | 13.16752012  |             |
| SJR_01_83.FIN2   | 555   | 0.192612613 | 0.0477  | 0.00075  | 0.1056 | 0.0016  | 0.01591 | 0.000145 | 0.2556    | 101.8  | 1.45 | 101.7 | 0.9  | 88   | 29.5 | 101.7 | 0.9   | 0.098231827  |             |
| SJR_01_84.FIN2   | 24.45 | 0.260531697 | 0.0828  | 0.00095  | 2.544  | 0.032   | 0.2207  | 0.00185  | 0.45409   | 1278   | 9    | 1285  | 9.5  | 1245 | 22   | 1245  | 22    | -3.212851406 |             |
| SJR_01_85.FIN2   | 369   | 0.271544715 | 0.0497  | 0.0009   | 0.0826 | 0.00145 | 0.01202 | 0.000145 | 0.098197  | 80.4   | 1.35 | 77    | 0.9  | 157  | 32   | 77    | 0.9   | 4.228855721  |             |
| SJR_01_86.FIN2   | 105.5 | 0.597156398 | 0.0487  | 0.00135  | 0.1109 | 0.00315 | 0.01634 | 0.00017  | 0.28316   | 106.2  | 2.85 | 104.5 | 1.1  | 130  | 50   | 104.5 | 1.1   | 1.600753296  |             |
| SJR_01_87.FIN2   | 634   | 0.528391167 | 0.047   | 0.0005   | 0.1039 | 0.00105 | 0.0159  | 0.000095 | 0.18513   | 100.3  | 0.95 | 101.7 | 0.6  | 62   | 21.5 | 101.7 | 0.6   | -1.395812562 |             |
| SJR_01_88.FIN2   | 85    | 0.561176471 | 0.0477  | 0.00135  | 0.1224 | 0.00325 | 0.01846 | 0.00018  | 0.043193  | 116.6  | 2.9  | 117.9 | 1.15 | 80   | 50   | 117.9 | 1.15  | -1.114922813 |             |
| SJR_01_89.FIN2   | 313   | 0.501597444 | 0.0469  | 0.0007   | 0.1284 | 0.00205 | 0.01966 | 0.000145 | 0.28817   | 122.4  | 1.85 | 125.5 | 0.9  | 55   | 29   | 125.5 | 0.9   | -2.532679739 |             |
| SJR_01_90.FIN2   | 459   | 0.688453159 | 0.0483  | 0.00065  | 0.091  | 0.0011  | 0.0136  | 0.000115 | 0.12625   | 88.4   | 1    | 87.1  | 0.7  | 108  | 27.5 | 87.1  | 0.7   | 1.470588235  |             |
| SJR_01_91.FIN2   | 708   | 0.423728814 | 0.0492  | 0.0006   | 0.0906 | 0.0012  | 0.01333 | 0.00012  | 0.48552   | 88     | 1.1  | 85.4  | 0.8  | 152  | 24.5 | 85.4  | 0.8   | 2.954545455  |             |
| SJR_01_92.FIN2   | 414   | 0.285024155 | 0.051   | 0.00085  | 0.1071 | 0.00165 | 0.01517 | 0.00011  | 0.11286   | 103.1  | 1.5  | 97.1  | 0.7  | 223  | 33.5 | 97.1  | 0.7   | 5.819592629  |             |
| SJR_01_93.FIN2   | 791   | 0.249051833 | 0.0536  | 0.0007   | 0.1187 | 0.00205 | 0.01592 | 0.000175 | 0.6525    | 113.7  | 1.85 | 101.8 | 1.1  | 331  | 28.5 | 101.8 | 1.1   | 10.46613896  |             |
| SJR_01_94.FIN2   | 107.4 | 0.473929236 | 0.0472  | 0.0012   | 0.1205 | 0.00285 | 0.01856 | 0.000185 | 0.095217  | 115.1  | 2.55 | 118.5 | 1.2  | 76   | 47   | 118.5 | 1.2   | -2.953953084 |             |
| SJR_01_95.FIN2   | 232   | 0.63362069  | 0.0483  | 0.0008   | 0.1058 | 0.00165 | 0.01578 | 0.00012  | 0.16643   | 101.9  | 1.5  | 100.9 | 0.75 | 119  | 32   | 100.9 | 0.75  | 0.981354269  |             |
| SJR_01_96.FIN2   | 363   | 0.50661157  | 0.0486  | 0.00065  | 0.1246 | 0.00175 | 0.01851 | 0.000125 | 0.30935   | 119    | 1.6  | 118.3 | 0.8  | 128  | 27.5 | 118.3 | 0.8   | 0.588235294  |             |
| SJR_01_97.FIN2   | 146.8 | 0.331743869 | 0.0894  | 0.00065  | 3.067  | 0.0225  | 0.2474  | 0.00175  | 0.50916   | 1422   | 5.5  | 1424  | 9    | 1407 | 14   | 1407  | 14    | -1.208244492 |             |
| SJR_01_98.FIN2   | 1580  | 0.132911392 | 0.048   | 0.0005   | 0.0927 | 0.0009  | 0.01401 | 0.000105 | 0.30246   | 90     | 0.85 | 89.7  | 0.65 | 101  | 22   | 89.7  | 0.65  | 0.333333333  |             |
| SJR_01_99.FIN2_1 | 1154  | 0.075736568 | 0.0485  | 0.00085  | 0.0779 | 0.0014  | 0.01183 | 0.00017  | 0.55883   | 76.1   | 1.3  | 75.8  | 1.05 | 122  | 35.5 | 75.8  | 1.05  | 0.394218134  |             |
| SJR_01_99.FIN2_2 | 188.5 | 0.990450928 | 0.0483  | 0.001    | 0.1739 | 0.0038  | 0.02597 | 0.00025  | 0.29046   | 162.4  | 3.3  | 165.2 | 1.55 | 117  | 41.5 | 165.2 | 1.55  | -1.724137931 |             |
| SJR_01_100.FIN2  | 591   | 0.207106599 | 0.0482  | 0.0006   | 0.0997 | 0.0012  | 0.015   | 0.000085 | 0.27573   | 96.4   | 1.1  | 96    | 0.55 | 112  | 24.5 | 96    | 0.55  | 0.414937759  |             |
| SJR_01_101.FIN2  | 1560  | 0.474358974 | 0.0506  | 0.0005   | 0.1307 | 0.00155 | 0.01866 | 0.00016  | 0.51453   | 124.6  | 1.4  | 119.2 | 1    | 213  | 22   | 119.2 | 1     | 4.333868379  |             |
| SJR_01_102.FIN2  | 233   | 0.202145923 | 0.0464  | 0.0008   | 0.1017 | 0.00175 | 0.01587 | 0.000105 | 0.17286   | 98.2   | 1.65 | 101.5 | 0.65 | 40   | 33   | 101.5 | 0.65  | -3.360488798 |             |
| SJR_01_103.FIN2  | 722   | 0.021814404 | 0.05002 | 0.000435 | 0.1783 | 0.0015  | 0.0258  | 0.00014  | 0.2586    | 166.5  | 1.3  | 164.2 | 0.85 | 189  | 19   | 164.2 | 0.85  | 1.381381381  |             |
| SJR_01_104.FIN2  | 236.6 | 0.594674556 | 0.0518  | 0.0013   | 0.0871 | 0.00205 | 0.01219 | 0.00013  | 0.086585  | 84.7   | 1.9  | 78.1  | 0.85 | 246  | 49.5 | 78.1  | 0.85  | 7.792207792  |             |
| SJR_01_105.FIN2  | 496   | 0.288306452 | 0.0484  | 0.0006   | 0.1055 | 0.00145 | 0.01574 | 0.000125 | 0.39686   | 102    | 1.35 | 100.7 | 0.8  | 133  | 26.5 | 100.7 | 0.8   | 1.274509804  |             |
| SJR_01_106.FIN2  | 432   | 0.332175926 | 0.0489  | 0.00065  | 0.083  | 0.0011  | 0.01225 | 0.00007  | 0.19729   | 80.9   | 1.05 | 78.47 | 0.45 | 159  | 28.5 | 78.47 | 0.45  | 3.003708282  |             |
| SJR_01_107.FIN2  | 110.1 | 0.422343324 | 0.0495  | 0.0013   | 0.0999 | 0.0023  | 0.01477 | 0.000145 | -0.052007 | 96.3   | 2.1  | 94.5  | 0.95 | 152  | 48.5 | 94.5  | 0.95  | 1.869158879  |             |
| SJR_01_108.FIN2  | 290   | 0.996551724 | 0.0484  | 0.00065  | 0.1259 | 0.00175 | 0.01898 | 0.000125 | 0.21916   | 120.2  | 1.55 | 121.2 | 0.8  | 113  | 27.5 | 121.2 | 0.8   | -0.831946755 |             |
| SJR_01_109.FIN2  | 171.2 | 0.525116822 | 0.1017  | 0.00095  | 4.155  | 0.041   | 0.2965  | 0.0032   | 0.61752   | 1660   | 8    | 1671  | 16   | 1641 | 17   | 1641  | 17    | -1.828153565 |             |
| SJR_01_110.FIN2  | 124.7 | 0.452285485 | 0.0494  | 0.00105  | 0.1128 | 0.00225 | 0.01662 | 0.00016  | 0.15711   | 108.2  | 2.05 | 106.3 | 1.05 | 153  | 40   | 106.3 | 1.05  | 1.756007394  |             |
| SJR_01_111.FIN2  | 158   | 0.640506329 | 0.1063  | 0.00055  | 4.327  | 0.025   | 0.2956  | 0.0016   | 0.58605   | 1696.9 | 4.8  | 1669  | 8    | 1734 | 10   | 1734  | 10    | 3.748558247  |             |
| SJR_01_112.FIN2  | 137.6 | 0.373546512 | 0.0498  | 0.00105  | 0.1081 | 0.0022  | 0.01576 | 0.00012  | 0.087822  | 104    | 2    | 100.8 | 0.75 | 176  | 41   | 100.8 | 0.75  | 3.076923077  |             |
| SJR_01_113.FIN2  | 655   | 0.069312977 | 0.0486  | 0.00065  | 0.0794 | 0.001   | 0.01191 | 0.00008  | 0.1635    | 77.5   | 0.95 | 76.3  | 0.5  | 129  | 27   | 76.3  | 0.5   | 1.548387097  |             |
| SJR_01_114.FIN2  | 402   | 0.549751244 | 0.0484  | 0.00065  | 0.1061 | 0.00145 | 0.01602 | 0.000125 | 0.27648   | 102.3  | 1.35 | 102.5 | 0.8  | 125  | 28   | 102.5 | 0.8   | -0.195503421 |             |
| SJR_01_115.FIN2  | 125.2 | 0.318690096 | 0.0479  | 0.00115  | 0.0987 | 0.00215 | 0.01507 | 0.00016  | 0.028706  | 95.3   | 2    | 96.4  | 1    | 110  | 46   | 96.4  | 1     | -1.154249738 |             |
| SJR_01_116.FIN2  | 259   | 0.105791506 | 0.0511  | 0.00115  | 0.1027 | 0.0021  | 0.01506 | 0.000185 | 0.24323   | 99     | 1.95 | 96.3  | 1.15 | 210  | 43   | 96.3  | 1.15  | 2.727272727  |             |
| SJR_01_117.FIN2  | 264   | 0.507575758 | 0.0521  | 0.0008   | 0.1306 | 0.002   | 0.01833 | 0.00013  | 0.20194   | 124.4  | 1.75 | 117.1 | 0.85 | 262  | 32   | 117.1 | 0.85  | 5.868167203  |             |
| SJR_01_118.FIN2  | 256   | 0.488671875 | 0.0484  | 0.00085  | 0.1038 | 0.00175 | 0.01571 | 0.000125 | 0.19374   | 100.1  | 1.6  | 100.5 | 0.8  | 117  | 33   | 100.5 | 0.8   | -0.3996004   |             |
| SJR_01_119.FIN2  | 136.8 | 0.248538012 | 0.0494  | 0.001    | 0.126  | 0.0025  | 0.01886 | 0.00019  | 0.19281   | 120.1  | 2.25 | 120.5 | 1.2  | 150  | 39.5 | 120.5 | 1.2   | -0.333055787 |             |
| SJR_01_120.FIN2  | 193   | 0.618134715 | 0.0482  | 0.0008   | 0.1038 | 0.00185 | 0.01577 | 0.00011  | 0.25802   | 100.1  | 1.7  | 100.9 | 0.7  | 119  | 34   | 100.9 | 0.7   | -0.799200799 |             |
| SJR_01_121.FIN2  | 321   | 0.244859813 | 0.0476  | 0.00085  | 0.1084 | 0.00205 | 0.01663 | 0.000125 | 0.23147   | 104.2  | 1.85 | 106.3 | 0.8  | 92   | 35   | 106.3 | 0.8   | -2.015355086 |             |
| SJR_01_122.FIN2  | 121.2 | 0.349834983 | 0.0474  | 0.0011   | 0.1059 | 0.00235 | 0.0164  | 0.000175 | 0.12096   | 101.8  | 2.15 | 104.9 | 1.1  | 77   | 43.5 | 104.9 | 1.1   | -3.04518664  |             |
| SJR_01_123.FIN2  | 125.2 | 0.437699681 | 0.0487  | 0.00095  | 0.1064 | 0.00205 | 0.01604 | 0.000135 | 0.24258   | 102.4  | 1.85 | 102.6 | 0.85 | 128  | 37.5 | 102.6 | 0.85  | -0.1953125   |             |
| SJR_01_124.FIN2  | 475   | 0.633684211 | 0.0481  | 0.00065  | 0.0861 | 0.0012  | 0.01303 | 0.000095 | 0.21248   | 83.7   | 1.15 | 83.5  | 0.6  | 115  | 28   | 83.5  | 0.6   | 0.238948626  |             |
| SJR_01_125.FIN2  | 180.1 | 0.410327596 | 0.0741  | 0.00065  | 1.279  | 0.0125  | 0.1264  | 0.00095  | 0.5041    | 835    | 5.5  | 767   | 5.5  | 1033 | 18   | 767   | 5.5   | 8.143712575  |             |
| SJR_01_126.FIN2  | 1620  | 0.567901235 | 0.0517  | 0.0007   | 0.1339 | 0.002   | 0.01895 | 0.00017  | 0.49942   | 127.4  | 1.8  | 121   | 1.1  | 260  | 29   | 121   | 1.1   | 5.023547881  |             |
| SJR_01_127.FIN2  | 443   | 0.534988713 | 0.049   | 0.0006   | 0.0903 | 0.0012  | 0.01352 | 0.00008  | 0.41087   | 87.7   | 1.1  | 86.5  | 0.55 | 154  | 24.5 | 86.5  | 0.55  | 1.368301026  |             |
| SJR_01_128.FIN2  | 467   | 0.302783726 | 0.0497  | 0.0007   | 0.0792 | 0.0011  | 0.01171 | 0.00007  | 0.1436    | 77.3   | 1.05 | 75.05 | 0.44 | 167  | 28.5 | 75.05 | 0.44  | 2.910737387  |             |
| SJR_01_129.FIN2  | 224.0 | 0.501116608 | 0.0602  | 0.00128  | 0.116  | 0.00225 | 0.01245 | 0.000085 | 0.16125   | 111.3  | 2.05 | 107.7 | 0.6  | 832  | 20.5 | DISC  | AVAIL | 28.22732813  |             |
| SJR_01_130.FIN2  | 983   | 0.227873856 | 0.04853 | 0.000415 | 0.1022 | 0.001   | 0.01542 | 0.000125 | 0.53888   | 98.7   | 0.9  | 98.7  | 0.8  | 125  | 18   | 98.7  | 0.8   | 0            |             |
| SJR_01_131.FIN2  | 373.9 | 0.220914683 | 0.0489  | 0.00065  | 0.0871 | 0.00115 | 0       |          |           |        |      |       |      |      |      |       |       |              |             |

|                   |       |              |         |          |        |         |         |          |            |       |      |       |       |      |      |       |         |               |
|-------------------|-------|--------------|---------|----------|--------|---------|---------|----------|------------|-------|------|-------|-------|------|------|-------|---------|---------------|
| SMCR_01_20.FIN2   | 764   | 0.143455497  | 0.1082  | 0.00065  | 4.462  | 0.031   | 0.2984  | 0.0017   | 0.59485    | 1722  | 6    | 1683  | 8.5   | 1764 | 11   | 1764  | 11      | 4.591836735   |
| SMCR_01_21.FIN2   | 401   | 0.593516209  | 0.0566  | 0.00085  | 0.1468 | 0.0024  | 0.01879 | 0.000215 | 0.45191    | 138.7 | 2.1  | 120   | 1.35  | 441  | 31.5 | 120   | 1.35    | 13.48233598   |
| SMCR_01_22.FIN2   | 293   | 0.559726962  | 0.048   | 0.0014   | 0.1334 | 0.00375 | 0.02017 | 0.000275 | 0.29159    | 126.9 | 3.35 | 128.7 | 1.75  | 100  | 55   | 128.7 | 1.75    | -1.4184839716 |
| SMCR_01_23.FIN2   | 408   | 0.666666667  | 0.0485  | 0.0008   | 0.1287 | 0.00215 | 0.01925 | 0.00017  | 0.27812    | 122.8 | 1.9  | 122.9 | 1.05  | 134  | 35   | 122.9 | 1.05    | -0.081433225  |
| SMCR_01_24.FIN2   | 189   | 0.456084656  | 0.048   | 0.0009   | 0.1365 | 0.00255 | 0.02035 | 0.00017  | 0.18056    | 130.1 | 2.35 | 129.9 | 1.1   | 122  | 38   | 129.9 | 1.1     | 0.153727902   |
| SMCR_01_25.FIN2   | 204   | 0.279901961  | 0.0487  | 0.00095  | 0.1104 | 0.00215 | 0.01647 | 0.00013  | 0.27242    | 106.1 | 1.95 | 105.3 | 0.8   | 124  | 37   | 105.3 | 0.8     | 0.754005655   |
| SMCR_01_26.FIN2   | 489.5 | 0.624106231  | 0.0559  | 0.0006   | 0.453  | 0.006   | 0.0582  | 0.00065  | 0.59084    | 378.9 | 4.15 | 364.6 | 3.95  | 440  | 25.5 | 364.6 | 3.95    | 3.774082871   |
| SMCR_01_27.FIN2   | 670   | 0.056119403  | 0.048   | 0.00075  | 0.1019 | 0.0017  | 0.01514 | 0.00011  | 0.1875     | 98.4  | 1.55 | 96.8  | 0.7   | 127  | 33   | 96.8  | 0.7     | 1.62601626    |
| SMCR_01_28.FIN2   | 452   | 0.295132743  | 0.0472  | 0.0007   | 0.0868 | 0.00125 | 0.01334 | 0.000105 | 0.27371    | 84.4  | 1.15 | 85.4  | 0.65  | 67   | 29   | 85.4  | 0.65    | -1.184834123  |
| SMCR_01_29.FIN2   | 175.1 | 0.519131925  | 0.0498  | 0.0011   | 0.1318 | 0.00285 | 0.01924 | 0.000265 | 0.30643    | 125.9 | 2.65 | 122.8 | 1.65  | 174  | 42.5 | 122.8 | 1.65    | 2.462271644   |
| SMCR_01_30.FIN2_1 | 2890  | 0.023148789  | 0.0486  | 0.00055  | 0.094  | 0.00125 | 0.01394 | 0.00018  | 0.55293    | 91.2  | 1.2  | 89.3  | 1.15  | 126  | 25   | 89.3  | 1.15    | 2.083333333   |
| SMCR_01_30.FIN2_2 | 1990  | 0.231155779  | 0.0538  | 0.00055  | 0.1598 | 0.0018  | 0.02134 | 0.00014  | 0.47534    | 150.5 | 1.55 | 136.1 | 0.9   | 350  | 22.5 | 136.1 | 0.9     | 9.568106312   |
| SMCR_01_31.FIN2   | 230   | 0.198695652  | 0.0454  | 0.0013   | 0.1007 | 0.0029  | 0.01614 | 0.00029  | 0.37278    | 96.9  | 2.65 | 103.2 | 1.85  | 10   | 50   | 103.2 | 1.85    | -6.501547988  |
| SMCR_01_32.FIN2   | 222   | 0.542792793  | 0.0493  | 0.0009   | 0.1343 | 0.00255 | 0.01954 | 0.000155 | 0.34437    | 127.5 | 2.3  | 124.7 | 1     | 155  | 35.5 | 124.7 | 1       | 2.196078431   |
| SMCR_01_33.FIN2   | 511   | 0.681017613  | 0.0487  | 0.00075  | 0.0877 | 0.0013  | 0.01296 | 0.00011  | 0.30163    | 85.2  | 1.2  | 83    | 0.7   | 129  | 30   | 83    | 0.7     | 2.582159624   |
| SMCR_01_34.FIN2   | 203.1 | 0.615460364  | 0.0501  | 0.00085  | 0.1141 | 0.00195 | 0.01644 | 0.000125 | 0.25402    | 109.5 | 1.75 | 105.1 | 0.8   | 188  | 34.5 | 105.1 | 0.8     | 4.01826484    |
| SMCR_01_35.FIN2   | 2210  | 0.225377644  | 0.070   | 0.00145  | 0.1214 | 0.0026  | 0.01101 | 0.00000  | 0.40440    | 115.0 | 2.25 | 70.6  | 0.55  | 1102 | 28.5 | DISC  | AVAILUE | 20.08541846   |
| SMCR_01_36.FIN2   | 665   | 0.679699248  | 0.0498  | 0.0006   | 0.1498 | 0.00175 | 0.02159 | 0.00011  | 0.15378    | 141.9 | 1.5  | 137.7 | 0.7   | 178  | 24   | 137.7 | 0.7     | 2.959830867   |
| SMCR_01_37.FIN2_1 | 166   | 0.512048102  | 0.145   | 0.0065   | 0.37   | 0.010   | 0.01824 | 0.0004   | 0.52002    | 218   | 14   | 117.3 | 2.5   | 2240 | 75   | DISC  | AVAILUE | 62.14665400   |
| SMCR_01_38.FIN2   | 1131  | 0.1          | 0.09052 | 0.0004   | 2.674  | 0.0255  | 0.213   | 0.0019   | 0.88098    | 1320  | 7    | 1244  | 10    | 1435 | 8.5  | 1435  | 8.5     | 13.31010453   |
| SMCR_01_39.FIN2   | 867   | 0.47289504   | 0.0477  | 0.0005   | 0.0857 | 0.001   | 0.01291 | 0.00009  | 0.36244    | 83.5  | 0.9  | 82.7  | 0.6   | 89   | 21.5 | 82.7  | 0.6     | 0.958083832   |
| SMCR_01_40.FIN2   | 451   | 0.523281596  | 0.0555  | 0.0008   | 0.1531 | 0.00245 | 0.01988 | 0.000165 | 0.38867    | 144.4 | 2.15 | 126.9 | 1.05  | 411  | 32   | 126.9 | 1.05    | 12.11911357   |
| SMCR_01_41.FIN2   | 1581  | 0.944339026  | 0.04805 | 0.00038  | 0.1196 | 0.00125 | 0.01813 | 0.000125 | 0.66238    | 114.6 | 1.1  | 115.8 | 0.8   | 103  | 16.5 | 115.8 | 0.8     | -1.047120419  |
| SMCR_01_42.FIN2   | 1057  | 0.4475875118 | 0.0495  | 0.00065  | 0.0918 | 0.0012  | 0.01355 | 0.00014  | 0.41081    | 89.1  | 1.1  | 86.8  | 0.9   | 164  | 26.5 | 86.8  | 0.9     | 2.581369248   |
| SMCR_01_43.FIN2   | 521   | 0.447216891  | 0.0496  | 0.0008   | 0.0995 | 0.0016  | 0.0147  | 0.00016  | 0.3853     | 96.5  | 1.5  | 94.1  | 1     | 166  | 32   | 94.1  | 1       | 2.487046632   |
| SMCR_01_44.FIN2   | 151.8 | 0.311594203  | 0.0504  | 0.00095  | 0.1656 | 0.0029  | 0.02403 | 0.00022  | 0.13809    | 155.1 | 2.55 | 153.1 | 1.4   | 193  | 37   | 153.1 | 1.4     | 1.289490651   |
| SMCR_01_45.FIN2   | 1102  | 0.918330309  | 0.05006 | 0.000435 | 0.1399 | 0.00135 | 0.02034 | 0.000115 | 0.4709     | 132.8 | 1.2  | 129.8 | 0.7   | 191  | 19   | 129.8 | 0.7     | 2.259036145   |
| SMCR_01_46.FIN2   | 385   | 0.475324675  | 0.0521  | 0.0009   | 0.1424 | 0.0026  | 0.01993 | 0.00027  | 0.45297    | 134.8 | 2.25 | 127.2 | 1.7   | 267  | 35.5 | 127.2 | 1.7     | 5.63788196    |
| SMCR_01_47.FIN2   | 759   | 0.391304348  | 0.0478  | 0.00055  | 0.0994 | 0.0012  | 0.01527 | 0.00009  | 0.31074    | 96.1  | 1.1  | 97.7  | 0.55  | 98   | 24   | 97.7  | 0.55    | -1.664932362  |
| SMCR_01_48.FIN2   | 647   | 0.826893354  | 0.0471  | 0.00075  | 0.0806 | 0.00115 | 0.01255 | 0.00009  | 0.11797    | 78.6  | 1.1  | 80.4  | 0.6   | 66   | 29.5 | 80.4  | 0.6     | -2.290076336  |
| SMCR_01_49.FIN2   | 62.6  | 0.672523962  | 0.0479  | 0.0015   | 0.1236 | 0.00375 | 0.01901 | 0.00017  | 0.13171    | 118.3 | 3.5  | 121.4 | 1.1   | 90   | 55   | 121.4 | 1.1     | -2.620456467  |
| SMCR_01_50.FIN2   | 2450  | 0.313877551  | 0.04962 | 0.00035  | 0.1033 | 0.00075 | 0.01526 | 0.00008  | 0.44914    | 99.8  | 0.7  | 97.6  | 0.495 | 173  | 15.5 | 97.6  | 0.495   | 2.204408818   |
| SMCR_01_51.FIN2   | 208   | 0.798076923  | 0.0497  | 0.00105  | 0.1321 | 0.00245 | 0.01956 | 0.00015  | -0.0028201 | 125.6 | 2.2  | 124.8 | 0.95  | 161  | 40   | 124.8 | 0.95    | 0.636942675   |
| SMCR_01_52.FIN2   | 612   | 0.570261438  | 0.0489  | 0.00055  | 0.131  | 0.00145 | 0.01963 | 0.000125 | 0.22162    | 124.8 | 1.3  | 125.3 | 0.8   | 142  | 24   | 125.3 | 0.8     | -0.400641026  |
| SMCR_01_53.FIN2   | 574   | 0.249825784  | 0.0492  | 0.0007   | 0.1031 | 0.00145 | 0.01557 | 0.00013  | 0.33405    | 99.5  | 1.35 | 99.6  | 0.8   | 151  | 29   | 99.6  | 0.8     | -0.100502513  |
| SMCR_01_54.FIN2   | 150   | 0.553333333  | 0.0517  | 0.0012   | 0.1318 | 0.00295 | 0.01886 | 0.000165 | 0.043258   | 125.2 | 2.65 | 120.5 | 1.05  | 227  | 46   | 120.5 | 1.05    | 3.75399361    |
| SMCR_01_55.FIN2   | 262.4 | 0.338414634  | 0.0475  | 0.0008   | 0.1234 | 0.00205 | 0.01905 | 0.00016  | 0.23938    | 117.9 | 1.85 | 121.7 | 1     | 85   | 32.5 | 121.7 | 1       | -3.223073099  |
| SMCR_01_56.FIN2   | 308   | 0.269480519  | 0.0467  | 0.00085  | 0.1083 | 0.00205 | 0.01716 | 0.00014  | 0.28331    | 104.1 | 1.85 | 109.7 | 0.9   | 50   | 34.5 | 109.7 | 0.9     | -5.379442843  |
| SMCR_01_57.FIN2   | 729   | 0.334705075  | 0.0493  | 0.0007   | 0.0963 | 0.0013  | 0.0145  | 0.0001   | 0.26799    | 93.3  | 1.2  | 92.8  | 0.65  | 158  | 27.5 | 92.8  | 0.65    | 0.535905681   |
| SMCR_01_58.FIN2   | 303   | 0.539273927  | 0.0528  | 0.001    | 0.1068 | 0.00195 | 0.01499 | 0.00015  | 0.20521    | 102.8 | 1.8  | 95.9  | 0.95  | 297  | 39.5 | 95.9  | 0.95    | 6.712062257   |
| SMCR_01_59.FIN2   | 314   | 0.482484076  | 0.0488  | 0.00075  | 0.1267 | 0.0018  | 0.01915 | 0.000125 | 0.027481   | 121   | 1.6  | 122.3 | 0.8   | 136  | 30   | 122.3 | 0.8     | -1.074380165  |
| SMCR_01_60.FIN2_1 | 256.5 | 0.507992203  | 0.0595  | 0.00095  | 0.518  | 0.009   | 0.0642  | 0.00075  | 0.44118    | 423   | 6    | 401.3 | 4.45  | 564  | 35.5 | 401.3 | 4.45    | 5.130023641   |
| SMCR_01_60.FIN2_2 | 227.2 | 0.709947183  | 0.0581  | 0.0007   | 0.608  | 0.008   | 0.0772  | 0.0007   | 0.46878    | 482   | 5    | 479.3 | 4.1   | 520  | 27.5 | 479.3 | 4.1     | 0.560165975   |
| SMCR_01_61.FIN2   | 621   | 0.755233494  | 0.0472  | 0.0005   | 0.1095 | 0.0011  | 0.01712 | 0.000105 | 0.21212    | 105.5 | 1.05 | 109.4 | 0.65  | 75   | 21.5 | 109.4 | 0.65    | -3.696682464  |
| SMCR_01_62.FIN2   | 565   | 0.83200885   | 0.0614  | 0.00005  | 0.1100 | 0.00175 | 0.01338 | 0.000125 | 0.27485    | 106.7 | 1.6  | 85.6  | 0.85  | 610  | 22   | DISC  | AVAILUE | 10.75507020   |
| SMCR_01_63.FIN2   | 527   | 0.65654649   | 0.0488  | 0.00065  | 0.1349 | 0.0018  | 0.02033 | 0.000145 | 0.24254    | 128.3 | 1.6  | 129.8 | 0.9   | 142  | 27.5 | 129.8 | 0.9     | -1.16913484   |
| SMCR_01_64.FIN2   | 870   | 0.452873563  | 0.0489  | 0.0005   | 0.1302 | 0.0014  | 0.01959 | 0.000125 | 0.26431    | 124.2 | 1.25 | 125.1 | 0.8   | 151  | 23   | 125.1 | 0.8     | -0.724637681  |
| SMCR_01_65.FIN2   | 270.2 | 0.066987417  | 0.0811  | 0.0005   | 2.15   | 0.0195  | 0.1958  | 0.00145  | 0.68374    | 1163  | 6    | 1152  | 8     | 1220 | 12.5 | 1220  | 12.5    | 5.573770492   |
| SMCR_01_66.FIN2   | 333   | 0.237837838  | 0.0461  | 0.00065  | 0.0955 | 0.0013  | 0.01536 | 0.000135 | 0.15082    | 92.5  | 1.2  | 98.2  | 0.85  | 30   | 27.5 | 98.2  | 0.85    | -6.162162162  |
| SMCR_01_67.FIN2   | 684   | 0.951754386  | 0.0488  | 0.00065  | 0.1256 | 0.0017  | 0.01906 | 0.000195 | 0.46219    | 120.3 | 1.55 | 121.7 | 1.25  | 135  | 26   | 121.7 | 1.25    | -1.163757273  |
| SMCR_01_68.FIN2   | 418   | 0.272727273  | 0.0479  | 0.00065  | 0.0991 | 0.00135 | 0.01518 | 0.00012  | 0.31807    | 95.8  | 1.25 | 97.1  | 0.8   | 111  | 28.5 | 97.1  | 0.8     | -1.356993737  |
| SMCR_01_69.FIN2   | 1549  | 0.325371207  | 0.04711 | 0.00045  | 0.0844 | 0.0008  | 0.01323 | 0.000095 | 0.31892    | 82.2  | 0.75 | 84.7  | 0.6   | 65   | 19   | 84.7  | 0.6     | -3.04136253   |
| SMCR_01_70.FIN2   | 508   | 0.24015748   | 0.0514  | 0.00075  | 0.0999 | 0.00145 | 0.01439 | 0.000105 | 0.29579    | 96.6  | 1.35 | 92.1  | 0.65  | 240  | 29.5 | 92.1  | 0.65    | 4.658385093   |
| SMCR_01_71.FIN2   | 857   | 0.514585764  | 0.0476  | 0.0006   | 0.0757 | 0.00095 | 0.01174 | 0.00008  | 0.36573    | 74    | 0.9  | 75.2  | 0.5   | 88   | 24.5 | 75.2  | 0.5     | -1.621621622  |
| SMCR_01_72.FIN2   | 212.6 | 0.390404516  | 0.0477  | 0.00105  | 0.1058 | 0.0023  | 0.01642 | 0.000175 | 0.18902    | 101.8 | 2.1  | 105   | 1.1   | 84   | 41   | 105   | 1.1     | -3.143418468  |
| SMCR_01_73.FIN2   | 287   | 0.653658537  | 0.0502  | 0.0009   | 0.104  | 0.00175 | 0.01528 | 0.0001   | 0.11729    | 100.3 | 1.6  | 97.7  | 0.6   | 181  | 34   | 97.7  | 0.6     | 2.59222333    |
| SMCR_01_74.FIN2   | 232.7 | 0.357541899  | 0.0496  | 0.001    | 0.1101 | 0.00205 | 0.01657 | 0.000175 | 0.20473    | 105.8 | 1.9  | 105.9 | 1.1   | 159  | 39   | 105.9 | 1.1     | -0.094517958  |
| SMCR_01_75.FIN2_1 | 2300  | 0.034        | 0.0488  | 0.00175  | 0.1024 | 0.00405 | 0.0158  | 0.0007   | 0.5383     | 98.7  | 3.7  | 100.9 | 4.35  | 130  | 70   | 100.9 | 4.35    | -2.228976697  |
| SMCR_01_75.FIN2_2 | 204.1 | 0.47721705   | 0.0471  | 0.00115  | 0.1423 | 0.00325 | 0.0223  | 0.000335 | 0.2        |       |      |       |       |      |      |       |         |               |

|                    |       |             |         |          |        |         |         |          |          |       |      |       |      |      |      |       |              |              |      |
|--------------------|-------|-------------|---------|----------|--------|---------|---------|----------|----------|-------|------|-------|------|------|------|-------|--------------|--------------|------|
| SMCR_01_98.FIN2    | 519.8 | 0.634859561 | 0.056   | 0.00085  | 0.1584 | 0.0026  | 0.02072 | 0.00015  | 0.31523  | 149.1 | 2.25 | 132.2 | 0.95 | 432  | 34   | 132.2 | 0.95         | 11.33467471  |      |
| SMCR_01_99.FIN2    | 666   | 0.515015015 | 0.0477  | 0.0006   | 0.1006 | 0.00125 | 0.01548 | 0.000105 | 0.30301  | 97.3  | 1.15 | 99    | 0.65 | 96   | 25   | 99    | 0.65         | -1.74717369  |      |
| SMCR_01_100.FIN2   | 103.3 | 0.583736689 | 0.0469  | 0.00125  | 0.1182 | 0.00295 | 0.01851 | 0.00017  | 0.077825 | 113.5 | 2.75 | 118.2 | 1.1  | 59   | 48.5 | 118.2 | 1.1          | -4.14069163  |      |
| SMCR_01_101.FIN2   | 494   | 0.552631579 | 0.048   | 0.0006   | 0.1087 | 0.0014  | 0.01639 | 0.00009  | 0.27356  | 104.6 | 1.3  | 104.8 | 0.55 | 109  | 25.5 | 104.8 | 0.55         | -0.191204589 |      |
| SMCR_01_102.FIN2   | 512   | 0.7578125   | 0.0486  | 0.0007   | 0.082  | 0.00115 | 0.01231 | 0.000065 | 0.16638  | 79.9  | 1.05 | 78.87 | 0.42 | 127  | 28.5 | 78.87 | 0.42         | 1.289111389  |      |
| SMCR_01_103.FIN2   | 235   | 0.240851064 | 0.0502  | 0.00125  | 0.1072 | 0.0026  | 0.01564 | 0.00012  | 0.11213  | 103.6 | 2.4  | 100.1 | 0.75 | 176  | 47   | 100.1 | 0.75         | 3.378378378  |      |
| SMCR_01_104.FIN2   | 387   | 0.151679587 | 0.049   | 0.0009   | 0.1122 | 0.0021  | 0.0021  | 0.00012  | 0.20675  | 107.7 | 1.9  | 100.1 | 0.75 | 155  | 36   | 105.1 | 0.75         | 2.414113278  |      |
| SMCR_01_105.FIN2   | 54.8  | 0.636861314 | 0.0499  | 0.00195  | 0.1051 | 0.00385 | 0.01584 | 0.000275 | 0.046748 | 100.5 | 3.55 | 101.3 | 1.75 | 120  | 70   | 101.3 | 1.75         | -0.7960199   |      |
| SMCR_01_106.FIN2   | 218.8 | 0.327696527 | 0.0475  | 0.0013   | 0.0863 | 0.0024  | 0.01326 | 0.00022  | 0.31186  | 83.8  | 2.25 | 84.9  | 1.4  | 90   | 50   | 84.9  | 1.4          | -1.312649165 |      |
| SMCR_01_107.FIN2   | 1540  | 0.433766234 | 0.0499  | 0.00065  | 0.114  | 0.00165 | 0.01652 | 0.0002   | 0.52664  | 109.5 | 1.5  | 105.6 | 1.25 | 189  | 27.5 | 105.6 | 1.25         | 3.561643836  |      |
| SMCR_01_108.FIN2_1 | 725   | 0.054206897 | 0.0435  | 0.0018   | 0.0857 | 0.00355 | 0.01444 | 0.00044  | 0.32642  | 83.3  | 3.3  | 92.4  | 2.8  | 75   | 92.4 | 2.8   | -10.92436975 |              | Rim  |
| SMCR_01_108.FIN2_2 | 182   | 0.603743216 | 0.0805  | 0.00125  | 1.04   | 0.08    | 0.157   | 0.006    | 0.026    | 1075  | 27   | 025   | 22   | 1400 | 28   | DISC  | REVALUATE    | 23.64088006  | Core |
| SMCR_01_109.FIN2   | 170   | 0.587058824 | 0.0486  | 0.0012   | 0.114  | 0.0027  | 0.01713 | 0.00019  | 0.18057  | 109.2 | 2.45 | 109.4 | 1.2  | 110  | 45   | 109.4 | 1.2          | -0.183150183 |      |
| SMCR_01_110.FIN2   | 791   | 0.307206068 | 0.0532  | 0.00095  | 0.0861 | 0.0016  | 0.01171 | 0.00012  | 0.33698  | 83.7  | 1.5  | 75    | 0.75 | 306  | 36.5 | 75    | 0.75         | 10.39426523  |      |
| SMCR_01_111.FIN2   | 349   | 0.693409742 | 0.0461  | 0.0006   | 0.1027 | 0.0014  | 0.01602 | 0.000105 | 0.24169  | 99.5  | 1.25 | 102.4 | 0.65 | 32   | 26   | 102.4 | 0.65         | -2.914572864 |      |
| SMCR_01_112.FIN2   | 806   | 0.358560794 | 0.0494  | 0.0009   | 0.0733 | 0.0012  | 0.01096 | 0.00016  | 0.36144  | 71.7  | 1.15 | 70.3  | 1.05 | 155  | 36   | 70.3  | 1.05         | 1.952580195  |      |
| SMCR_01_113.FIN2   | 568   | 0.450704225 | 0.0474  | 0.0007   | 0.0949 | 0.0014  | 0.01449 | 0.00012  | 0.18959  | 92    | 1.3  | 92.7  | 0.75 | 82   | 29.5 | 92.7  | 0.75         | -0.760869565 |      |
| SMCR_01_114.FIN2_1 | 807   | 0.148698885 | 0.0465  | 0.0009   | 0.0961 | 0.00205 | 0.01497 | 0.000215 | 0.42553  | 93.1  | 1.9  | 95.8  | 1.35 | 40   | 37.5 | 95.8  | 1.35         | -2.900107411 |      |
| SMCR_01_114.FIN2_2 | 782   | 0.379795396 | 0.0468  | 0.00055  | 0.1107 | 0.00125 | 0.01698 | 0.000135 | 0.30366  | 106.6 | 1.15 | 108.5 | 0.85 | 58   | 25   | 108.5 | 0.85         | -1.782363977 | Core |
| SMCR_01_115.FIN2   | 992   | 0.297379032 | 0.04796 | 0.000475 | 0.111  | 0.00115 | 0.0168  | 0.00012  | 0.4125   | 106.8 | 1.05 | 107.4 | 0.75 | 102  | 20.5 | 107.4 | 0.75         | -0.561797753 |      |
| SMCR_01_116.FIN2   | 156.7 | 0.407147415 | 0.0487  | 0.00105  | 0.1414 | 0.00305 | 0.02109 | 0.000185 | 0.21421  | 133.8 | 2.7  | 134.5 | 1.2  | 121  | 40   | 134.5 | 1.2          | -0.523168909 |      |
| SMCR_01_117.FIN2   | 248   | 0.447177419 | 0.0486  | 0.0008   | 0.1265 | 0.00215 | 0.01873 | 0.000145 | 0.22905  | 121.1 | 2    | 119.6 | 0.9  | 143  | 33.5 | 119.6 | 0.9          | 1.238645747  |      |
| SMCR_01_118.FIN2   | 1370  | 0.766423358 | 0.0489  | 0.0005   | 0.0948 | 0.00095 | 0.01408 | 0.0001   | 0.32072  | 92.1  | 0.95 | 90.1  | 0.65 | 136  | 22   | 90.1  | 0.65         | 2.17155266   |      |
| SMCR_01_119.FIN2   | 391   | 0.435294118 | 0.0494  | 0.00075  | 0.1175 | 0.0018  | 0.01729 | 0.00012  | 0.25495  | 112.6 | 1.65 | 110.5 | 0.75 | 158  | 30.5 | 110.5 | 0.75         | 1.865008881  |      |
| SMCR_01_120.FIN2   | 351.7 | 0.594256469 | 0.0555  | 0.00085  | 0.1385 | 0.00205 | 0.01803 | 0.000175 | 0.32133  | 132   | 1.85 | 115.2 | 1.1  | 414  | 33   | 115.2 | 1.1          | 12.72727273  |      |
| SMCR_01_121.FIN2   | 3780  | 0.203439153 | 0.04957 | 0.00038  | 0.1057 | 0.001   | 0.0154  | 0.000085 | 0.58996  | 102   | 0.9  | 98.5  | 0.55 | 171  | 17   | 98.5  | 0.55         | 3.431372549  |      |
| SMCR_01_122.FIN2   | 385   | 0.375844156 | 0.0459  | 0.00075  | 0.0995 | 0.0015  | 0.01574 | 0.00011  | 0.090138 | 96.2  | 1.4  | 100.7 | 0.7  | 19   | 29.5 | 100.7 | 0.7          | -4.677554678 |      |
| SMCR_01_123.FIN2   | 211   | 0.768246445 | 0.0898  | 0.0006   | 3.097  | 0.0235  | 0.249   | 0.00155  | 0.57116  | 1430  | 6    | 1433  | 8    | 1416 | 12.5 | 1416  | 12.5         | -1.200564912 |      |
| SMCR_01_124.FIN2   | 498   | 0.361445783 | 0.0497  | 0.0007   | 0.1041 | 0.0016  | 0.01501 | 0.0001   | 0.37662  | 100.4 | 1.5  | 96    | 0.6  | 176  | 28.5 | 96    | 0.6          | 4.38247012   |      |
| SMCR_01_125.FIN2   | 248   | 0.415725806 | 0.0509  | 0.00095  | 0.109  | 0.0022  | 0.0154  | 0.000145 | 0.31894  | 104.8 | 2    | 98.5  | 0.9  | 218  | 38   | 98.5  | 0.9          | 6.011450382  |      |
| SMCR_01_126.FIN2   | 142   | 0.448591549 | 0.0537  | 0.00115  | 0.1305 | 0.0027  | 0.01766 | 0.000135 | 0.16507  | 124.1 | 2.4  | 112.8 | 0.85 | 314  | 43   | 112.8 | 0.85         | 9.105560032  |      |
| SMCR_01_127.FIN2   | 411   | 0.246472019 | 0.0478  | 0.00075  | 0.1121 | 0.00175 | 0.0169  | 0.00011  | 0.096845 | 107.7 | 1.6  | 108   | 0.7  | 99   | 31   | 108   | 0.7          | -0.278551532 |      |
| SMCR_01_128.FIN2_1 | 494   | 0.678137652 | 0.0497  | 0.00145  | 0.165  | 0.0055  | 0.0242  | 0.00065  | 0.53896  | 154.3 | 4.7  | 154   | 4.25 | 170  | 55   | 154   | 4.25         | 0.194426442  | Rim  |
| SMCR_01_128.FIN2_2 | 196.8 | 1.06504065  | 0.0515  | 0.0011   | 0.2    | 0.0046  | 0.02802 | 0.000455 | 0.37763  | 184.5 | 3.85 | 178.1 | 2.85 | 241  | 44.5 | 178.1 | 2.85         | 3.468834688  | Core |
| SMCR_01_129.FIN2   | 503   | 0.269582505 | 0.0483  | 0.0008   | 0.1019 | 0.00165 | 0.01511 | 0.00011  | 0.18484  | 98.3  | 1.5  | 96.7  | 0.7  | 119  | 32.5 | 96.7  | 0.7          | 1.627670397  |      |
| SMCR_01_130.FIN2   | 215.5 | 0.415313225 | 0.0505  | 0.00085  | 0.1364 | 0.00235 | 0.01935 | 0.000145 | 0.20136  | 129.5 | 2.1  | 123.5 | 0.95 | 210  | 35   | 123.5 | 0.95         | 4.633204633  |      |
| SMCR_01_131.FIN2   | 352   | 0.303409091 | 0.0465  | 0.00065  | 0.099  | 0.0014  | 0.01509 | 0.000095 | 0.18123  | 95.7  | 1.3  | 96.5  | 0.6  | 44   | 28.5 | 96.5  | 0.6          | -0.835945664 |      |
| SMCR_01_132.FIN2   | 123   | 0.451219512 | 0.054   | 0.00155  | 0.1298 | 0.00365 | 0.01725 | 0.000165 | 0.084471 | 123.2 | 3.25 | 110.3 | 1.05 | 310  | 55   | 110.3 | 1.05         | 10.47077922  |      |
| SMCR_01_133.FIN2   | 626   | 0.372204473 | 0.0487  | 0.00055  | 0.1147 | 0.00145 | 0.01671 | 0.000125 | 0.38241  | 110.1 | 1.3  | 106.8 | 0.8  | 137  | 24.5 | 106.8 | 0.8          | 2.997275204  |      |
| SMCR_01_134.FIN2   | 384.9 | 0.653156664 | 0.0511  | 0.0008   | 0.0993 | 0.0015  | 0.01382 | 0.0001   | 0.18505  | 96    | 1.35 | 88.5  | 0.65 | 226  | 31   | 88.5  | 0.65         | 7.8125       |      |
| SMCR_01_135.FIN2   | 218.7 | 0.336991312 | 0.0467  | 0.001    | 0.0983 | 0.00205 | 0.01513 | 0.000195 | 0.34528  | 94.9  | 1.9  | 96.8  | 1.25 | 53   | 39   | 96.8  | 1.25         | -2.002107482 |      |
| SMCR_01_136.FIN2   | 80.1  | 0.601571268 | 0.0611  | 0.00175  | 0.1610 | 0.0046  | 0.0103  | 0.00037  | 0.2425   | 152.8 | 4.15 | 121.2 | 1.7  | 550  | 60   | DISC  | REVALUATE    | 10.27122775  |      |
| SMCR_01_137.FIN2   | 247   | 0.454251012 | 0.0514  | 0.0011   | 0.121  | 0.00265 | 0.0169  | 0.000175 | 0.21624  | 115.6 | 2.4  | 108   | 1.1  | 236  | 43.5 | 108   | 1.1          | 6.574394464  |      |
| SMCR_01_138.FIN2   | 120.2 | 0.387687188 | 0.0533  | 0.0012   | 0.1411 | 0.00315 | 0.01902 | 0.000175 | 0.19788  | 133.5 | 2.8  | 121.4 | 1.1  | 292  | 45.5 | 121.4 | 1.1          | 9.063670412  |      |
| SMCR_01_140.FIN2   | 94.6  | 0.552854123 | 0.0496  | 0.0014   | 0.1102 | 0.003   | 0.01623 | 0.000275 | 0.31093  | 106.3 | 2.8  | 103.7 | 1.75 | 150  | 50   | 103.7 | 1.75         | 2.445907808  |      |

Sample Name: SMR-01

| Analysis #     | [U] ppm | Th/U        | 207/206 | 1σ error | 207/235 | 1σ error | 206/238 | 1σ error | RHO       | Age (Ma) | 1σ error | Age (Ma) | 1σ error | Age (Ma) | 1σ error | % Discordance* | Rim/Core |              |
|----------------|---------|-------------|---------|----------|---------|----------|---------|----------|-----------|----------|----------|----------|----------|----------|----------|----------------|----------|--------------|
| SMR_01_1.FIN2  | 200.3   | 0.610084873 | 0.0487  | 0.0009   | 0.1247  | 0.0022   | 0.01852 | 0.000125 | -0.035497 | 119      | 2        | 118.3    | 0.8      | 129      | 36.5     | 118.3          | 0.8      | 0.588235294  |
| SMR_01_2.FIN2  | 434.5   | 0.722669735 | 0.0476  | 0.0007   | 0.0772  | 0.00115  | 0.01172 | 0.00008  | 0.29912   | 75.4     | 1.1      | 75.1     | 0.5      | 89       | 29       | 75.1           | 0.5      | 0.397877984  |
| SMR_01_3.FIN2  | 779     | 0.726572529 | 0.04969 | 0.000465 | 0.1289  | 0.00125  | 0.01883 | 0.00011  | 0.35724   | 123.1    | 1.1      | 120.2    | 0.7      | 175      | 21       | 120.2          | 0.7      | 2.355808286  |
| SMR_01_4.FIN2  | 158     | 0.425949367 | 0.0472  | 0.001    | 0.1248  | 0.0026   | 0.01938 | 0.000155 | 0.25355   | 119      | 2.3      | 123.7    | 1        | 60       | 39       | 123.7          | 1        | -3.949579832 |
| SMR_01_5.FIN2  | 477     | 0.258490566 | 0.0486  | 0.00085  | 0.1077  | 0.0019   | 0.01607 | 0.000095 | 0.15433   | 103.6    | 1.75     | 102.7    | 0.6      | 132      | 35       | 102.7          | 0.6      | 0.868725869  |
| SMR_01_6.FIN2  | 172.5   | 0.788985507 | 0.0498  | 0.001    | 0.11    | 0.0021   | 0.01623 | 0.00012  | 0.08936   | 105.7    | 1.9      | 103.8    | 0.75     | 166      | 39.5     | 103.8          | 0.75     | 1.797540208  |
| SMR_01_7.FIN2  | 165     | 0.752121212 | 0.0486  | 0.001    | 0.1242  | 0.00255  | 0.01865 | 0.000155 | 0.12067   | 118.5    | 2.3      | 119.1    | 1        | 126      | 40       | 119.1          | 1        | -0.506329114 |
| SMR_01_9.FIN2  | 478     | 0.329707113 | 0.0468  | 0.00065  | 0.1088  | 0.00145  | 0.01698 | 0.000145 | 0.23784   | 104.7    | 1.35     | 108.5    | 0.95     | 58       | 27.5     | 108.5          | 0.95     | -3.629417383 |
| SMR_01_10.FIN2 | 183     | 0.978142077 | 0.0508  | 0.00125  | 0.1024  | 0.0024   | 0.01475 | 0.00013  | 0.11403   | 99.2     | 2.25     | 94.4     | 0.85     | 209      | 47       | 94.4           | 0.85     | 4.838709677  |
| SMR_01_11.FIN2 | 95.1    | 0.601472135 | 0.0467  | 0.00135  | 0.133   | 0.0042   | 0.02062 | 0.00027  | 0.1261    | 125.8    | 3.7      | 131.6    | 1.7      | 80       | 55       | 131.6          | 1.7      | -4.610492846 |
| SMR_01_12.FIN2 | 267     | 0.602996255 | 0.0491  | 0.00075  | 0.1261  | 0.0019   | 0.01858 | 0.00011  | 0.087497  | 120.4    | 1.7      | 118.6    | 0.7      | 154      | 31       | 118.6          | 0.7      | 1.495016611  |
| SMR_01_13.FIN2 | 1140    | 0.357017544 | 0.0469  | 0.0006   | 0.1046  | 0.00165  | 0.016   | 0.000195 | 0.6096    | 100.8    | 1.5      | 102.3    | 1.25     | 58       | 24.5     | 102.3          | 1.25     | -1.488095238 |
| SMR_01_14.FIN2 | 293.5   | 0.967632027 | 0.0472  | 0.0007   | 0.1052  | 0.0016   | 0.01608 | 0.000105 | 0.12949   | 101.4    | 1.45     | 102.8    | 0.65     | 70       | 29       | 102.8          | 0.65     | -1.380670611 |
| SMR_01_15.FIN2 | 868     | 0.285714286 | 0.0525  | 0.0006   | 0.1169  | 0.00145  | 0.01609 | 0.000105 | 0.37086   | 112.1    | 1.3      | 102.9    | 0.65     | 287      | 24       | 102.9          | 0.65     | 8.206958073  |
| SMR_01_16.FIN2 | 623     | 0.391653291 | 0.0526  | 0.00105  | 0.1095  | 0.0026   | 0.01502 | 0.00025  | 0.55453   | 105.3    | 2.35     | 96.1     | 1.6      | 287      | 41.5     | 96.1           | 1.6      | 8.73694207   |
| SMR_01_17.FIN2 | 234.6   | 0.271526002 | 0.0478  | 0.0009   | 0.099   | 0.00185  | 0.01491 | 0.000105 | 0.24267   | 95.7     | 1.7      | 95.6     | 0.7      | 100      | 36       | 95.4           | 0.7      | 0.313479624  |
| SMR_01_18.FIN2 | 120.8   | 0.519039735 | 0.0511  | 0.00125  | 0.1134  | 0.0027   | 0.0162  | 0.000155 | 0.20607   | 109.8    | 2.55     | 103.4    | 1        | 204      | 46.5     | 103.6          | 1        | 5.646630237  |
| SMR_01_19.FIN2 | 157     | 0.468152866 | 0.0479  | 0.001    | 0.1077  | 0.00215  | 0.01621 | 0.000145 | 0.18683   | 103.6    | 2        | 103.6    | 0.9      | 104      | 40       | 103.6          | 0.9      | 0            |
| SMR_01_21.FIN2 | 207     | 0.482125604 | 0.0474  | 0.0009   | 0.1239  | 0.0022   | 0.01885 | 0.00013  | -0.027912 | 118.3    | 2        | 120.4    | 0.8      | 93       | 38       | 120.4          | 0.8      | -1.775147929 |
| SMR_01_22.FIN2 | 310     | 0.777419355 | 0.0496  | 0.0008   | 0.1256  | 0.00195  | 0.01808 | 0.000135 | 0.22348   | 120.3    | 1.8      | 115.5    | 0.85     | 173      | 32       | 115.5          | 0.85     | 3.990024938  |
| SMR_01_23.FIN2 | 211     | 0.592417062 | 0.0492  | 0.00105  | 0.1135  | 0.0025   | 0.01638 | 0.000125 | 0.090274  | 108.8    | 2.25     | 104.7    | 0.8      | 163      | 43       | 104.7          | 0.8      | 3.768382533  |
| SMR_01_24.FIN2 | 880     | 0.579545455 | 0.04795 | 0.000465 | 0.1315  | 0.00135  | 0.01963 | 0.000105 | 0.35465   | 125.4    | 1.2      | 125.3    | 0.65     | 101      | 19.5     | 125.3          | 0.65     | 0.079744817  |
| SMR_01_25.FIN2 | 284     | 0.251408451 | 0.0496  | 0.00085  | 0.106   | 0.0018   | 0.01525 | 0.00015  | 0.25402   | 102.1    | 1.65     | 97.6     | 0.95     | 179      | 34.5     | 97.6           | 0.95     | 4.407443683  |
| SMR_01_26.FIN2 | 542     | 0.474169742 | 0.048   | 0.00055  | 0.1366  | 0.0017   | 0.02047 | 0.000145 | 0.42519   | 129.8    | 1.55     | 130.6    | 0.9      | 103      | 23.5     | 130.6          | 0.9      | -0.61633282  |
| SMR_01_27.FIN2 | 507     | 0.639053254 | 0.0494  | 0.00065  | 0.1294  | 0.00155  | 0.01902 | 0.000135 | 0.26444   | 123.8    | 1.45     | 121.4    | 0.85     | 158      | 26       | 121.4          | 0.85     | 1.938610662  |
| SMR_01_28.FIN2 | 304     | 0.690789474 | 0.0481  | 0.0008   | 0.1282  | 0.00195  | 0.01929 | 0.00015  | 0.044318  | 122.2    | 1.75     | 123.2    | 0.75     | 106      | 31.5     | 123.2          | 0.75     | -0.818330606 |
| SMR_01_29.FIN2 | 404     | 0.313118812 | 0.0499  | 0.00095  | 0.1321  | 0.00275  | 0.01922 | 0.000135 | 0.47833   | 125.6    | 2.45     | 122.7    | 2        | 180      | 38       | 122.7          | 2        | 2.308917197  |
| SMR_01_30.FIN2 | 380     | 0.597368421 | 0.05    | 0.00085  | 0.1378  | 0.00215  | 0.02009 | 0.000165 | 0.046643  | 130.8    | 1.9      | 128.2    | 1.05     | 177      | 34       | 128.2          | 1.05     | 1.987767584  |
| SMR_01_31.FIN2 | 344     | 0.147965116 | 0.0479  | 0.001    | 0.1117  | 0.0023   | 0.01702 | 0.000145 | 0.17142   | 107.2    | 2.1      | 108.8    | 0.9      | 91       | 39       | 108.8          | 0.9      | -1.492537313 |
| SMR_01_32.FIN2 | 551     | 0.140653358 | 0.0495  | 0.0007   | 0.1071  | 0.00155  | 0.01563 | 0.00011  | 0.27033   | 103.5    | 1.45     | 100      | 0.7      | 171      | 29       | 100            | 0.7      | 3.381642512  |
| SMR_01_33.FIN2 | 341     | 0.359530792 | 0.0489  | 0.0008   | 0.1061  | 0.0018   | 0.01567 | 0.00011  | 0.23908   | 102.2    | 1.65     | 100.2    | 0.7      | 138      | 32.5     | 100.2          | 0.7      | 1.956947162  |
| SMR_01_34.FIN2 | 180     | 0.538888889 | 0.0472  | 0.00105  | 0.1171  | 0.0026   | 0.0179  | 0.000175 | 0.26089   | 112      | 2.35     | 114.4    | 1.1      | 64       | 41.5     | 114.4          | 1.1      | -2.14857143  |
| SMR_01_35.FIN2 | 184.8   | 0.663419913 | 0.07355 | 0.000445 | 1.755   | 0.012    | 0.1722  | 0.001    | 0.58019   | 1029.4   | 4.6      | 1024     | 5.5      | 1024     | 12.5     | 1024           | 12.5     | 0            |
| SMR_01_36.FIN2 | 118     | 0.115116279 | 0.04836 | 0.000485 | 0.1066  | 0.0011   | 0.01597 | 0.000115 | 0.42067   | 102.8    | 1        | 102.1    | 0.75     | 114      | 21       | 102.1          | 0.75     | 0.680933852  |
| SMR_01_37.FIN2 | 83      | 0.33253012  | 0.0522  | 0.00185  | 0.1259  | 0.0041   | 0.01774 | 0.00023  | 0.052154  | 119.4    | 3.65     | 113.3    | 1.45     | 230      | 65       | 113.3          | 1.45     | 5.108877722  |

|                  |       |             |         |          |        |         |         |          |            |       |      |       |      |      |      |       |      |              |
|------------------|-------|-------------|---------|----------|--------|---------|---------|----------|------------|-------|------|-------|------|------|------|-------|------|--------------|
| SMR_01_38.FIN2   | 43.56 | 0.51446281  | 0.0514  | 0.002    | 0.1182 | 0.00455 | 0.01674 | 0.0002   | 0.10002    | 113.3 | 4.2  | 107   | 1.25 | 190  | 70   | 107   | 1.25 | 5.560458959  |
| SMR_01_39.FIN2   | 523   | 0.359082218 | 0.0483  | 0.00055  | 0.1335 | 0.0017  | 0.01988 | 0.000135 | 0.34471    | 127   | 1.5  | 126.9 | 0.85 | 122  | 24.5 | 126.9 | 0.85 | 0.078740157  |
| SMR_01_40.FIN2   | 137.9 | 0.584481208 | 0.0494  | 0.0011   | 0.1242 | 0.00305 | 0.01797 | 0.00019  | 0.39798    | 118.3 | 2.75 | 114.8 | 1.2  | 160  | 43   | 114.8 | 1.2  | 2.958579882  |
| SMR_01_41.FIN2   | 234.4 | 0.414249147 | 0.0521  | 0.001    | 0.1124 | 0.00215 | 0.01571 | 0.000205 | 0.37238    | 107.9 | 1.95 | 100.5 | 1.3  | 255  | 38   | 100.5 | 1.3  | 6.858202039  |
| SMR_01_42.FIN2   | 171   | 0.637426901 | 0.0476  | 0.00115  | 0.1234 | 0.003   | 0.01897 | 0.0002   | 0.28766    | 117.5 | 2.75 | 121.1 | 1.3  | 78   | 44   | 121.1 | 1.3  | -3.063829787 |
| SMR_01_43.FIN2   | 99.1  | 0.793138244 | 0.0751  | 0.0008   | 1.783  | 0.022   | 0.1721  | 0.0016   | 0.50457    | 103.6 | 8    | 1023  | 9    | 1054 | 22.5 | 1054  | 22.5 | 2.941176471  |
| SMR_01_44.FIN2   | 502.2 | 0.430704898 | 0.0465  | 0.00055  | 0.1075 | 0.0013  | 0.01671 | 0.00009  | 0.17353    | 103.5 | 1.2  | 106.8 | 0.6  | 40   | 23   | 106.8 | 0.6  | -3.188405797 |
| SMR_01_45.FIN2   | 839   | 0.369487485 | 0.0483  | 0.0005   | 0.1151 | 0.0013  | 0.0173  | 0.000115 | 0.38686    | 110.5 | 1.2  | 110.6 | 0.7  | 128  | 22.5 | 110.6 | 0.7  | -0.090497738 |
| SMR_01_46.FIN2   | 347   | 0.463976945 | 0.0469  | 0.00065  | 0.1272 | 0.0018  | 0.01969 | 0.00014  | 0.30465    | 121.8 | 1.65 | 125.7 | 0.9  | 62   | 27.5 | 125.7 | 0.9  | -3.201970443 |
| SMR_01_47.FIN2   | 194.1 | 0.365790829 | 0.0491  | 0.0011   | 0.1061 | 0.00235 | 0.01571 | 0.00017  | 0.19261    | 102   | 2.15 | 100.5 | 1.05 | 136  | 41   | 100.5 | 1.05 | 1.470588235  |
| SMR_01_49.FIN2   | 79.4  | 0.675062972 | 0.0496  | 0.0015   | 0.1294 | 0.00365 | 0.01919 | 0.000185 | -0.020822  | 122.8 | 3.25 | 122.5 | 1.15 | 150  | 55   | 122.5 | 1.15 | 0.244296974  |
| SMR_01_50.FIN2   | 225   | 0.453777778 | 0.0532  | 0.0015   | 0.1171 | 0.0031  | 0.01614 | 0.00024  | 0.19942    | 112.2 | 2.8  | 103.2 | 1.55 | 300  | 55   | 103.2 | 1.55 | 8.021390374  |
| SMR_01_51.FIN2   | 419   | 0.510739857 | 0.0475  | 0.00065  | 0.1102 | 0.00145 | 0.01692 | 0.000105 | 0.14587    | 106   | 1.3  | 108.1 | 0.65 | 88   | 27.5 | 108.1 | 0.65 | -1.981132075 |
| SMR_01_52.FIN2   | 303   | 0.356435644 | 0.0482  | 0.0009   | 0.1271 | 0.00225 | 0.0193  | 0.000145 | 0.1238     | 121.2 | 2.05 | 123.2 | 0.95 | 109  | 35   | 123.2 | 0.95 | -1.650165017 |
| SMR_01_53.FIN2   | 884   | 0.760180995 | 0.04599 | 0.00047  | 0.1278 | 0.0014  | 0.0203  | 0.000165 | 0.50113    | 122.6 | 1.25 | 129.5 | 1.05 | 23   | 20   | 129.5 | 1.05 | -5.628058728 |
| SMR_01_55.FIN2   | 114   | 0.518421053 | 0.0481  | 0.00155  | 0.1087 | 0.0036  | 0.01642 | 0.00023  | 0.19927    | 104.8 | 3.35 | 105   | 1.45 | 110  | 60   | 105   | 1.45 | -0.190839695 |
| SMR_01_56.FIN2   | 449   | 0.307349666 | 0.0502  | 0.00065  | 0.137  | 0.0017  | 0.01978 | 0.000155 | 0.26034    | 130.6 | 1.5  | 126.3 | 1    | 195  | 27   | 126.3 | 1    | 3.292496172  |
| SMR_01_57.FIN2   | 595   | 0.406722689 | 0.049   | 0.00055  | 0.1307 | 0.00155 | 0.01927 | 0.00019  | 0.50735    | 124.5 | 1.4  | 123   | 1.2  | 149  | 22.5 | 123   | 1.2  | 1.204819277  |
| SMR_01_58.FIN2   | 177.6 | 0.808558559 | 0.0497  | 0.001    | 0.1225 | 0.00235 | 0.01807 | 0.000175 | 0.21764    | 117.5 | 2.2  | 115.5 | 1.1  | 163  | 38.5 | 115.5 | 1.1  | 1.70212766   |
| SMR_01_59.FIN2   | 354   | 0.294915254 | 0.0498  | 0.0007   | 0.136  | 0.0021  | 0.0196  | 0.00017  | 0.39129    | 129.3 | 1.85 | 125.1 | 1.1  | 179  | 29.5 | 125.1 | 1.1  | 3.248259861  |
| SMR_01_60.FIN2   | 367   | 0.190190736 | 0.0464  | 0.00095  | 0.0996 | 0.00205 | 0.01546 | 0.00012  | 0.054445   | 96.1  | 1.9  | 98.9  | 0.75 | 46   | 39   | 98.9  | 0.75 | -2.913631634 |
| SMR_01_61.FIN2   | 169   | 0.458579882 | 0.047   | 0.00095  | 0.1111 | 0.0023  | 0.01698 | 0.000135 | 0.26576    | 106.7 | 2.1  | 108.6 | 0.85 | 66   | 38   | 108.6 | 0.85 | -1.780693533 |
| SMR_01_62.FIN2   | 564   | 0.319148936 | 0.0479  | 0.0006   | 0.1227 | 0.00185 | 0.01834 | 0.000175 | 0.48521    | 117.4 | 1.65 | 117.1 | 1.1  | 105  | 25.5 | 117.1 | 1.1  | 0.255536627  |
| SMR_01_63.FIN2   | 488   | 0.463114754 | 0.0473  | 0.0006   | 0.1273 | 0.0016  | 0.01942 | 0.000135 | 0.22757    | 121.5 | 1.45 | 124   | 0.85 | 75   | 25.5 | 124   | 0.85 | -2.057613169 |
| SMR_01_64.FIN2   | 172.6 | 0.533603708 | 0.048   | 0.001    | 0.1034 | 0.0021  | 0.01545 | 0.000115 | -0.105     | 99.6  | 1.95 | 98.9  | 0.75 | 114  | 41   | 98.9  | 0.75 | 0.702811245  |
| SMR_01_65.FIN2   | 263   | 0.403802281 | 0.0476  | 0.00085  | 0.1164 | 0.00195 | 0.01752 | 0.00013  | 0.16608    | 111.5 | 1.75 | 112   | 0.8  | 101  | 35   | 112   | 0.8  | -0.448430493 |
| SMR_01_66.FIN2   | 348   | 0.203735632 | 0.0482  | 0.00105  | 0.103  | 0.00225 | 0.01546 | 0.000105 | 0.10329    | 99.8  | 2    | 98.9  | 0.65 | 110  | 42   | 98.9  | 0.65 | 0.901803607  |
| SMR_01_67.FIN2   | 607   | 0.504118616 | 0.0473  | 0.0006   | 0.1083 | 0.0014  | 0.01663 | 0.000085 | 0.22569    | 104.6 | 1.25 | 106.3 | 0.55 | 76   | 25   | 106.3 | 0.55 | -1.625239006 |
| SMR_01_68.FIN2   | 72.4  | 0.636740331 | 0.0478  | 0.00125  | 0.1292 | 0.00315 | 0.01972 | 0.000195 | 0.099929   | 123.4 | 2.9  | 125.9 | 1.25 | 94   | 48   | 125.9 | 1.25 | -0.025931929 |
| SMR_01_69.FIN2   | 228.2 | 0.454425942 | 0.0549  | 0.001    | 0.1556 | 0.00285 | 0.02072 | 0.00027  | 0.38213    | 146.4 | 2.5  | 132.1 | 1.7  | 365  | 37.5 | 132.1 | 1.7  | 9.767759563  |
| SMR_01_70.FIN2   | 239   | 0.634309623 | 0.0486  | 0.00075  | 0.1274 | 0.0019  | 0.0191  | 0.00012  | 0.21539    | 121.6 | 1.7  | 121.9 | 0.75 | 123  | 30   | 121.9 | 0.75 | -0.246710526 |
| SMR_01_71.FIN2   | 320.1 | 0.815370197 | 0.0475  | 0.0007   | 0.1165 | 0.00175 | 0.01755 | 0.00011  | 0.16611    | 111.7 | 1.6  | 112.2 | 0.7  | 83   | 28.5 | 112.2 | 0.7  | -0.447627574 |
| SMR_01_72.FIN2_1 | 1600  | 0.04025     | 0.0517  | 0.00095  | 0.136  | 0.007   | 0.0191  | 0.0008   | 0.89627    | 129   | 6    | 121.7 | 4.95 | 262  | 41   | 121.7 | 4.95 | 5.658914729  |
| SMR_01_72.FIN2_2 | 692   | 0.146387283 | 0.0724  | 0.00055  | 1.525  | 0.014   | 0.1534  | 0.00165  | 0.70625    | 940   | 5.5  | 920   | 9    | 992  | 16   | 992   | 16   | 7.258064516  |
| SMR_01_73.FIN2   | 243   | 0.193621399 | 0.0491  | 0.0007   | 1.799  | 0.00255 | 0.02668 | 0.000175 | 0.20651    | 167.6 | 2.2  | 169.7 | 1.1  | 147  | 29   | 169.7 | 1.1  | -1.252983294 |
| SMR_01_74.FIN2   | 141   | 0.393617021 | 0.0503  | 0.00115  | 0.1333 | 0.0029  | 0.01946 | 0.000205 | 0.16106    | 126.6 | 2.6  | 124.2 | 1.3  | 179  | 43.5 | 124.2 | 1.3  | 1.895734597  |
| SMR_01_75.FIN2   | 262.2 | 0.447368421 | 0.0494  | 0.00085  | 0.1146 | 0.0019  | 0.01699 | 0.000155 | 0.33362    | 110.4 | 1.75 | 108.6 | 1    | 155  | 33   | 108.6 | 1    | 1.630434783  |
| SMR_01_76.FIN2   | 237   | 0.683544304 | 0.0491  | 0.00115  | 0.1114 | 0.0025  | 0.01657 | 0.00015  | -0.0046462 | 107.4 | 2.25 | 105.9 | 0.95 | 142  | 45.5 | 105.9 | 0.95 | 1.396648045  |
| SMR_01_77.FIN2   | 555   | 0.240720721 | 0.0472  | 0.0007   | 0.1188 | 0.0018  | 0.01808 | 0.00014  | 0.26753    | 113.8 | 1.65 | 115.5 | 0.9  | 82   | 29.5 | 115.5 | 0.9  | -1.493848858 |
| SMR_01_78.FIN2   | 953   | 0.215110178 | 0.0481  | 0.00055  | 0.0997 | 0.00135 | 0.01508 | 0.000135 | 0.45911    | 96.4  | 1.2  | 96.5  | 0.85 | 116  | 23.5 | 96.5  | 0.85 | -0.10373444  |
| SMR_01_79.FIN2   | 228.6 | 0.479002625 | 0.0488  | 0.001    | 0.1183 | 0.0023  | 0.01754 | 0.00015  | 0.094357   | 113.2 | 2.05 | 112.1 | 0.95 | 139  | 39.5 | 112.1 | 0.95 | 0.971731449  |
| SMR_01_80.FIN2   | 230   | 0.56173913  | 0.0468  | 0.0009   | 0.1276 | 0.0024  | 0.01958 | 0.000165 | 0.088064   | 121.6 | 2.15 | 125   | 1.05 | 78   | 37.5 | 125   | 1.05 | -2.796052632 |
| SMR_01_81.FIN2   | 643   | 0.586314152 | 0.0485  | 0.0006   | 0.1358 | 0.0018  | 0.02022 | 0.00015  | 0.40713    | 129.1 | 1.6  | 129   | 0.95 | 123  | 24.5 | 129   | 0.95 | 0.077459334  |
| SMR_01_82.FIN2   | 360   | 0.393611111 | 0.0494  | 0.00075  | 0.131  | 0.00215 | 0.01907 | 0.000195 | 0.38464    | 124.7 | 1.95 | 121.8 | 1.25 | 159  | 31   | 121.8 | 1.25 | 3.325581395  |
| SMR_01_84.FIN2   | 990   | 0.33030303  | 0.0493  | 0.00055  | 0.1311 | 0.0015  | 0.0192  | 0.00011  | 0.22991    | 124.9 | 1.35 | 122.6 | 0.7  | 153  | 24   | 122.6 | 0.7  | 1.841473179  |
| SMR_01_85.FIN2   | 420   | 0.483333333 | 0.0505  | 0.00085  | 0.1074 | 0.00165 | 0.01533 | 0.00014  | 0.17238    | 103.4 | 1.5  | 98.1  | 0.9  | 200  | 33.5 | 98.1  | 0.9  | 5.125725338  |
| SMR_01_86.FIN2   | 391   | 0.445012788 | 0.0481  | 0.00065  | 0.1303 | 0.00185 | 0.0194  | 0.00013  | 0.33584    | 124.1 | 1.7  | 123.9 | 0.8  | 116  | 27.5 | 123.9 | 0.8  | 0.161160355  |
| SMR_01_87.FIN2   | 489   | 0.789366053 | 0.0495  | 0.00085  | 0.103  | 0.00195 | 0.01487 | 0.000125 | 0.19659    | 99.4  | 1.75 | 95.2  | 0.8  | 174  | 33.5 | 95.2  | 0.8  | 4.225352113  |
| SMR_01_88.FIN2   | 860   | 0.5         | 0.0495  | 0.0007   | 0.1357 | 0.002   | 0.01984 | 0.00015  | 0.18269    | 129.1 | 1.75 | 126.6 | 0.95 | 156  | 31   | 126.6 | 0.95 | 1.936483346  |
| SMR_01_89.FIN2   | 497   | 0.392354125 | 0.0487  | 0.0006   | 0.1325 | 0.0017  | 0.01961 | 0.000125 | 0.25791    | 126.2 | 1.5  | 125.2 | 0.8  | 132  | 25   | 125.2 | 0.8  | 0.792393027  |
| SMR_01_90.FIN2   | 176   | 0.545454545 | 0.0466  | 0.00095  | 0.111  | 0.00235 | 0.01711 | 0.000165 | 0.28433    | 106.5 | 2.15 | 109.3 | 1.05 | 44   | 38.5 | 109.3 | 1.05 | -2.629107981 |
| SMR_01_91.FIN2   | 122.7 | 0.97799511  | 0.0508  | 0.0011   | 0.1322 | 0.00265 | 0.01897 | 0.00016  | 0.12029    | 125.7 | 2.4  | 121.1 | 1    | 199  | 41.5 | 121.1 | 1    | 3.659506762  |
| SMR_01_92.FIN2   | 447   | 1.080536913 | 0.0517  | 0.00075  | 0.1293 | 0.00175 | 0.01809 | 0.00013  | 0.042115   | 123.3 | 1.55 | 115.6 | 0.8  | 258  | 31.5 | 115.6 | 0.8  | 6.244931062  |
| SMR_01_93.FIN2   | 153   | 0.453594771 | 0.0491  | 0.001    | 0.1258 | 0.00255 | 0.01851 | 0.00017  | 0.19658    | 119.9 | 2.3  | 118.2 | 1.05 | 149  | 39.5 | 118.2 | 1.05 | 1.417848207  |
| SMR_01_94.FIN2   | 152.6 | 0.76146789  | 0.0492  | 0.0011   | 0.1112 | 0.00255 | 0.0163  | 0.000135 | 0.097981   | 106.7 | 2.3  | 104.2 | 0.85 | 152  | 44   | 104.2 | 0.85 | 2.343017807  |
| SMR_01_95.FIN2   | 1232  | 0.336038961 | 0.04733 | 0.000395 | 0.1242 | 0.001   | 0.01906 | 0.00009  | 0.30271    | 118.8 | 0.9  | 121.7 | 0.55 | 73   | 17   | 121.7 | 0.55 | -2.441077441 |
| SMR_01_97.FIN2   | 550   | 0.58        | 0.0488  | 0.0006   | 0.1345 | 0.0017  | 0.01985 | 0.00014  | 0.26082    | 128   | 1.55 | 126.7 | 0.9  | 156  | 27   | 126.7 | 0.9  | 1.015625     |
| SMR_01_98.FIN2   | 56.1  | 0.456506239 | 0.0518  | 0.00175  | 0.1151 | 0.0037  | 0.01618 | 0.00019  | 0.1035     | 109.8 | 3.35 | 103.4 | 1.2  | 230  | 65   | 103.4 | 1.2  | 5.828779599  |
| SMR_01_99.FIN2   | 257.7 | 0.559565386 | 0.0473  | 0.00085  | 0.0986 |         |         |          |            |       |      |       |      |      |      |       |      |              |

|                   |       |             |         |         |        |         |         |          |         |       |      |       |      |     |      |       |      |              |             |
|-------------------|-------|-------------|---------|---------|--------|---------|---------|----------|---------|-------|------|-------|------|-----|------|-------|------|--------------|-------------|
| SMR_01_125.FIN2   | 1010  | 0.478217822 | 0.04843 | 0.00047 | 0.1304 | 0.00135 | 0.01977 | 0.000145 | 0.43878 | 124.3 | 1.2  | 126.2 | 0.9  | 122 | 20   | 126.2 | 0.9  | -1.528559936 | Rim<br>Core |
| SMR_01_126.FIN2_1 | 1189  | 0.00824222  | 0.0508  | 0.0022  | 0.135  | 0.006   | 0.0199  | 0.001    | 0.57434 | 128   | 5.5  | 127   | 6.5  | 220 | 90   | 127   | 6.5  | 0.78125      |             |
| SMR_01_126.FIN2_2 | 397   | 1.392947103 | 0.0613  | 0.00085 | 0.701  | 0.012   | 0.0841  | 0.0011   | 0.64706 | 538   | 7.5  | 521   | 6.5  | 629 | 30   | 521   | 6.5  | 3.159851301  |             |
| SMR_01_127.FIN2   | 122.9 | 0.611879577 | 0.0482  | 0.00125 | 0.1252 | 0.00315 | 0.01897 | 0.00019  | 0.10971 | 119.2 | 2.8  | 121.1 | 1.2  | 130 | 49.5 | 121.1 | 1.2  | -1.593959732 |             |
| SMR_01_128.FIN2   | 240.9 | 0.767538398 | 0.0517  | 0.00075 | 0.14   | 0.00215 | 0.01989 | 0.00014  | 0.31925 | 132.8 | 1.9  | 126.9 | 0.9  | 255 | 30.5 | 126.9 | 0.9  | 4.442771084  |             |
| SMR_01_129.FIN2   | 446   | 0.742600897 | 0.0498  | 0.0006  | 0.1351 | 0.00175 | 0.02003 | 0.000185 | 0.33683 | 128.5 | 1.55 | 127.8 | 1.15 | 185 | 26   | 127.8 | 1.15 | 0.544747082  |             |
| SMR_01_130.FIN2   | 322   | 0.128881988 | 0.0484  | 0.0007  | 0.0994 | 0.00145 | 0.01514 | 0.000115 | 0.22207 | 96.1  | 1.35 | 96.8  | 0.75 | 117 | 29.5 | 96.8  | 0.75 | -0.728407908 |             |
| SMR_01_131.FIN2   | 95.6  | 0.753138075 | 0.0492  | 0.0013  | 0.1228 | 0.00315 | 0.01859 | 0.00018  | 0.1059  | 117   | 2.85 | 118.7 | 1.15 | 140 | 50   | 118.7 | 1.15 | -1.452991453 |             |
| SMR_01_132.FIN2   | 305.7 | 0.444553484 | 0.0482  | 0.0007  | 0.128  | 0.00185 | 0.01939 | 0.000125 | 0.27792 | 122.1 | 1.65 | 123.8 | 0.8  | 112 | 28   | 123.8 | 0.8  | -1.392301392 |             |
| SMR_01_133.FIN2   | 349.4 | 0.254722381 | 0.0504  | 0.0008  | 0.1068 | 0.00165 | 0.01557 | 0.000155 | 0.25847 | 103.2 | 1.55 | 99.6  | 1    | 197 | 31.5 | 99.6  | 1    | 3.488372093  |             |
| SMR_01_134.FIN2   | 215.4 | 0.373259053 | 0.0499  | 0.00085 | 0.1048 | 0.0017  | 0.01538 | 0.00012  | 0.18075 | 101.5 | 1.6  | 98.4  | 0.8  | 186 | 35   | 98.4  | 0.8  | 3.054187192  |             |
| SMR_01_135.FIN2   | 296   | 0.505067568 | 0.0491  | 0.00085 | 0.105  | 0.0017  | 0.01568 | 0.000095 | 0.11169 | 101.2 | 1.55 | 100.3 | 0.6  | 145 | 33   | 100.3 | 0.6  | 0.889328063  |             |
| SMR_01_136.FIN2   | 168   | 0.75        | 0.0473  | 0.00105 | 0.1077 | 0.00235 | 0.01663 | 0.000165 | 0.17802 | 103.5 | 2.15 | 106.3 | 1.05 | 91  | 42   | 106.3 | 1.05 | -2.70531401  |             |
| SMR_01_137.FIN2   | 108.2 | 0.633086876 | 0.0447  | 0.00115 | 0.1058 | 0.0028  | 0.0171  | 0.000175 | 0.2378  | 101.6 | 2.6  | 109.3 | 1.1  | -27 | 46.5 | 109.3 | 1.1  | -7.578740157 |             |
| SMR_01_138.FIN2   | 693   | 0.207503608 | 0.0475  | 0.0006  | 0.1034 | 0.0013  | 0.01588 | 0.00017  | 0.34006 | 99.8  | 1.2  | 101.6 | 1.05 | 82  | 25   | 101.6 | 1.05 | -1.803607214 |             |
| SMR_01_139.FIN2   | 137.4 | 0.540756914 | 0.0527  | 0.00135 | 0.1136 | 0.00275 | 0.01605 | 0.00019  | 0.21468 | 108.8 | 2.5  | 102.6 | 1.2  | 256 | 49   | 102.6 | 1.2  | 5.698529412  |             |
| SMR_01_140.FIN2   | 303   | 0.633663366 | 0.0487  | 0.00085 | 0.1256 | 0.00225 | 0.01897 | 0.00022  | 0.33107 | 119.8 | 2    | 121.1 | 1.4  | 137 | 35   | 121.1 | 1.4  | -1.085141903 |             |

| Sample Name: SLRR-01 |         |             |         |                      |         |                      |         |                      |            |                     |                      |                     |                      |                     |                      |                  |                      |                |             |
|----------------------|---------|-------------|---------|----------------------|---------|----------------------|---------|----------------------|------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|------------------|----------------------|----------------|-------------|
| Analysis #           | [U] ppm | Th/U        | 207/206 | internal<br>1σ error | 207/235 | internal<br>1σ error | 206/238 | internal<br>1σ error | RHO        | 207/235<br>Age (Ma) | internal<br>1σ error | 206/238<br>Age (Ma) | internal<br>1σ error | 207/206<br>Age (Ma) | internal<br>1σ error | Best age<br>(Ma) | internal<br>1σ error | % Discordance* | Rim/Core    |
| SLRR_01_1.FIN2       | 164.8   | 0.751213592 | 0.0485  | 0.0009               | 0.1127  | 0.00195              | 0.01698 | 0.00011              | -0.0018315 | 108.7               | 1.8                  | 108.5               | 0.7                  | 137                 | 37                   | 108.5            | 0.7                  | 0.18399264     | Rim<br>Core |
| SLRR_01_2.FIN2_1     | 103     | 0.32815534  | 0.0606  | 0.00215              | 0.1250  | 0.00465              | 0.01643 | 0.000185             | 0.13190    | 128.5               | 4.15                 | 105.1               | 1.15                 | 520                 | 70                   | DISC             | INVALID              | 18.21011672    |             |
| SLRR_01_2.FIN2_2     | 49.7    | 0.448692153 | 0.0507  | 0.00355              | 0.132   | 0.0085               | 0.01913 | 0.00038              | 0.036257   | 125                 | 7.5                  | 122.1               | 2.4                  | 230                 | 140                  | 122.1            | 2.4                  | 2.32           |             |
| SLRR_01_3.FIN2       | 239     | 0.207531381 | 0.0475  | 0.00095              | 0.1185  | 0.00245              | 0.01817 | 0.00015              | 0.28779    | 113.4               | 2.25                 | 116.1               | 0.95                 | 97                  | 38.5                 | 116.1            | 0.95                 | -2.380952381   |             |
| SLRR_01_4.FIN2       | 1031    | 0.346265761 | 0.04967 | 0.000335             | 0.1706  | 0.00125              | 0.02511 | 0.00015              | 0.42345    | 159.9               | 1.1                  | 159.8               | 0.95                 | 176                 | 14.5                 | 159.8            | 0.95                 | 0.062539087    |             |
| SLRR_01_5.FIN2       | 1650    | 0.261818182 | 0.04902 | 0.000425             | 0.1226  | 0.001                | 0.01828 | 0.0001               | 0.32975    | 117.6               | 0.95                 | 116.8               | 0.65                 | 151                 | 18.5                 | 116.8            | 0.65                 | 0.680272109    |             |
| SLRR_01_6.FIN2       | 155.9   | 0.615137909 | 0.0483  | 0.001                | 0.1136  | 0.00225              | 0.01721 | 0.00013              | 0.043436   | 109.5               | 2.1                  | 110                 | 0.85                 | 122                 | 40.5                 | 110              | 0.85                 | -0.456621005   |             |
| SLRR_01_7.FIN2       | 310     | 0.535806452 | 0.0486  | 0.00075              | 0.1012  | 0.00155              | 0.01523 | 0.00009              | 0.1047     | 97.8                | 1.4                  | 97.5                | 0.55                 | 126                 | 31                   | 97.5             | 0.55                 | 0.306748466    |             |
| SLRR_01_8.FIN2       | 469     | 0.268656716 | 0.0476  | 0.0006               | 0.1064  | 0.0013               | 0.01641 | 0.00011              | 0.17232    | 102.6               | 1.2                  | 104.9               | 0.7                  | 89                  | 25                   | 104.9            | 0.7                  | -2.2417154     |             |
| SLRR_01_9.FIN2       | 617     | 0.086385737 | 0.0466  | 0.00065              | 0.0994  | 0.00155              | 0.01561 | 0.00016              | 0.50223    | 96                  | 1.45                 | 99.9                | 1                    | 46                  | 26.5                 | 99.9             | 1                    | -4.0625        |             |
| SLRR_01_10.FIN2      | 740     | 0.031891892 | 0.0479  | 0.00055              | 0.1691  | 0.0021               | 0.02601 | 0.000245             | 0.49747    | 158.5               | 1.8                  | 165.5               | 1.55                 | 98                  | 24                   | 165.5            | 1.55                 | -4.416403785   |             |
| SLRR_01_11.FIN2      | 159     | 0.285534591 | 0.0493  | 0.00105              | 0.1176  | 0.0028               | 0.01756 | 0.000205             | 0.42831    | 113.1               | 2.55                 | 112.2               | 1.3                  | 149                 | 41                   | 112.2            | 1.3                  | 0.795755968    |             |
| SLRR_01_12.FIN2      | 1117    | 0.618621307 | 0.04911 | 0.00037              | 0.1292  | 0.0012               | 0.01926 | 0.00014              | 0.63489    | 123.3               | 1.1                  | 123                 | 0.9                  | 149                 | 16                   | 123              | 0.9                  | 0.243309002    |             |
| SLRR_01_13.FIN2      | 508     | 0.267125984 | 0.0469  | 0.0006               | 0.1045  | 0.0012               | 0.01641 | 0.000105             | 0.19301    | 101.2               | 1.05                 | 104.9               | 0.65                 | 57                  | 24.5                 | 104.9            | 0.65                 | -3.656126482   |             |
| SLRR_01_14.FIN2      | 252.5   | 0.532277228 | 0.0465  | 0.0008               | 0.1104  | 0.002                | 0.01742 | 0.000125             | 0.26105    | 106.1               | 1.8                  | 111.3               | 0.8                  | 43                  | 32.5                 | 111.3            | 0.8                  | -4.901036758   |             |
| SLRR_01_15.FIN2      | 1380    | 0.179710145 | 0.0541  | 0.0006               | 0.1141  | 0.00275              | 0.01554 | 0.000285             | 0.86722    | 109.9               | 2.55                 | 99.4                | 1.8                  | 355                 | 25                   | 99.4             | 1.8                  | 9.554140127    |             |
| SLRR_01_16.FIN2      | 676     | 0.599112426 | 0.0478  | 0.00055              | 0.1308  | 0.00165              | 0.02011 | 0.000195             | 0.50544    | 124.6               | 1.5                  | 128.3               | 1.25                 | 95                  | 22.5                 | 128.3            | 1.25                 | -2.969502408   |             |
| SLRR_01_17.FIN2      | 434     | 0.463133641 | 0.0479  | 0.00065              | 0.1247  | 0.0017               | 0.01915 | 0.00013              | 0.26305    | 119.1               | 1.5                  | 122.3               | 0.8                  | 100                 | 26.5                 | 122.3            | 0.8                  | -2.6686178     |             |
| SLRR_01_18.FIN2      | 5450    | 0.087706422 | 0.0487  | 0.000385             | 0.1213  | 0.00165              | 0.0183  | 0.000215             | 0.80028    | 116.1               | 1.5                  | 116.9               | 1.35                 | 130                 | 16.5                 | 116.9            | 1.35                 | -0.689061154   |             |
| SLRR_01_19.FIN2      | 134     | 0.335074627 | 0.0501  | 0.0012               | 0.1084  | 0.0026               | 0.01601 | 0.000145             | 0.16209    | 104.1               | 2.4                  | 102.4               | 0.9                  | 181                 | 46.5                 | 102.4            | 0.9                  | 1.63304149     |             |
| SLRR_01_20.FIN2      | 278     | 0.246402878 | 0.0468  | 0.00065              | 0.0978  | 0.0014               | 0.01536 | 0.00009              | 0.25043    | 94.7                | 1.3                  | 98.3                | 0.55                 | 60                  | 27.5                 | 98.3             | 0.55                 | -3.801478353   |             |
| SLRR_01_21.FIN2      | 281     | 0.288967972 | 0.0466  | 0.0007               | 0.1191  | 0.0018               | 0.01884 | 0.000115             | 0.2359     | 114.1               | 1.65                 | 120.3               | 0.75                 | 54                  | 29                   | 120.3            | 0.75                 | -5.433829974   |             |
| SLRR_01_22.FIN2      | 108.2   | 0.400184843 | 0.0481  | 0.0012               | 0.1035  | 0.00245              | 0.016   | 0.000145             | 0.032593   | 100.2               | 2.2                  | 102.3               | 0.95                 | 111                 | 48                   | 102.3            | 0.95                 | -2.09580383    |             |
| SLRR_01_23.FIN2      | 2600    | 0.214230769 | 0.05013 | 0.00031              | 0.1144  | 0.001                | 0.01676 | 0.0001               | 0.72367    | 109.9               | 0.95                 | 107.2               | 0.65                 | 196                 | 14                   | 107.2            | 0.65                 | 2.45677889     |             |
| SLRR_01_24.FIN2      | 209.5   | 0.520286396 | 0.0481  | 0.00075              | 0.1162  | 0.00175              | 0.0178  | 0.00013              | 0.16151    | 111.4               | 1.6                  | 113.7               | 0.8                  | 111                 | 31.5                 | 113.7            | 0.8                  | -2.064631957   |             |
| SLRR_01_25.FIN2      | 639     | 0.358372457 | 0.0494  | 0.00055              | 0.1314  | 0.0016               | 0.01961 | 0.00018              | 0.47317    | 125.2               | 1.45                 | 125.2               | 1.15                 | 166                 | 23.5                 | 125.2            | 1.15                 | 0              |             |
| SLRR_01_26.FIN2      | 56.1    | 0.361853832 | 0.0524  | 0.0016               | 0.1327  | 0.0041               | 0.01875 | 0.000245             | 0.12731    | 125.5               | 3.65                 | 119.7               | 1.55                 | 260                 | 60                   | 119.7            | 1.55                 | 4.621513944    |             |
| SLRR_01_27.FIN2      | 114.3   | 0.642169729 | 0.0475  | 0.00115              | 0.1211  | 0.0031               | 0.01852 | 0.000195             | 0.38862    | 115.6               | 2.8                  | 118.3               | 1.25                 | 77                  | 43.5                 | 118.3            | 1.25                 | -2.335640138   |             |
| SLRR_01_28.FIN2      | 157     | 0.615923567 | 0.0478  | 0.00105              | 0.1112  | 0.0023               | 0.01713 | 0.00012              | 0.029929   | 106.7               | 2.1                  | 109.5               | 0.75                 | 88                  | 41                   | 109.5            | 0.75                 | -2.624179944   |             |
| SLRR_01_29.FIN2      | 206     | 0.136824324 | 0.0775  | 0.00125              | 0.1266  | 0.0024               | 0.01654 | 0.000125             | 0.26484    | 105.3               | 2                    | 105.8               | 0.8                  | 1002                | 28                   | DISC             | INVALID              | 25.00516021    |             |
| SLRR_01_30.FIN2      | 235.6   | 0.857385399 | 0.0485  | 0.0008               | 0.1288  | 0.0023               | 0.01623 | 0.000145             | 0.38158    | 122.7               | 2.1                  | 122.8               | 0.95                 | 122                 | 32.5                 | 122.8            | 0.95                 | -0.081499593   | Rim<br>Core |
| SLRR_01_31.FIN2      | 439     | 0.578587699 | 0.0479  | 0.00065              | 0.1121  | 0.0014               | 0.017   | 0.000105             | 0.095389   | 107.7               | 1.3                  | 108.7               | 0.7                  | 98                  | 26.5                 | 108.7            | 0.7                  | -0.928505107   |             |
| SLRR_01_32.FIN2      | 64.9    | 0.594761171 | 0.0474  | 0.00155              | 0.1162  | 0.0035               | 0.01792 | 0.000205             | -0.090387  | 110.9               | 3.15                 | 114.4               | 1.3                  | 60                  | 55                   | 114.4            | 1.3                  | -3.155996393   |             |
| SLRR_01_33.FIN2      | 617     | 0.253646677 | 0.04893 | 0.000485             | 0.1159  | 0.00115              | 0.01714 | 0.000095             | 0.23901    | 111.3               | 1.05                 | 109.6               | 0.6                  | 146                 | 21                   | 109.6            | 0.6                  | 1.527403414    |             |
| SLRR_01_34.FIN2      | 126.8   | 0.241324921 | 0.0487  | 0.0011               | 0.1088  | 0.00235              | 0.01617 | 0.00011              | 0.096713   | 104.5               | 2.15                 | 103.4               | 0.7                  | 119                 | 42                   | 103.4            | 0.7                  | 1.052631579    |             |
| SLRR_01_35.FIN2      | 194     | 0.315463918 | 0.0474  | 0.00085              | 0.1138  | 0.00185              | 0.01743 | 0.00013              | 0.10359    | 109.2               | 1.7                  | 111.4               | 0.85                 | 77                  | 33.5                 | 111.4            | 0.85                 | -2.014652015   |             |
| SLRR_01_36.FIN2      | 102.7   | 0.307692308 | 0.0473  | 0.0012               | 0.1128  | 0.0026               | 0.01738 | 0.0002               | 0.074022   | 108.1               | 2.35                 | 111                 | 1.3                  | 60                  | 45                   | 111              | 1.3                  | -2.6827012     |             |

|                   |       |             |         |          |        |         |         |          |           |       |      |       |      |     |      |       |      |              |  |
|-------------------|-------|-------------|---------|----------|--------|---------|---------|----------|-----------|-------|------|-------|------|-----|------|-------|------|--------------|--|
| SLRR_01_62.FIN2   | 116.7 | 0.286203942 | 0.0512  | 0.00125  | 0.1274 | 0.00315 | 0.018   | 0.0002   | 0.19574   | 121.2 | 2.8  | 115   | 1.3  | 219 | 47.5 | 115   | 1.3  | 5.115511551  |  |
| SLRR_01_63.FIN2   | 2260  | 0.120486726 | 0.04758 | 0.00029  | 0.1098 | 0.0008  | 0.0167  | 0.00009  | 0.48785   | 105.8 | 0.7  | 106.8 | 0.6  | 82  | 13   | 106.8 | 0.6  | -0.945179584 |  |
| SLRR_01_64.FIN2   | 95.2  | 0.691176471 | 0.0488  | 0.0012   | 0.1207 | 0.00275 | 0.01825 | 0.000195 | 0.12476   | 115.9 | 2.55 | 116.6 | 1.2  | 129 | 46   | 116.6 | 1.2  | -0.603968939 |  |
| SLRR_01_65.FIN2   | 349.4 | 0.299084144 | 0.0489  | 0.00075  | 0.1341 | 0.0022  | 0.02008 | 0.000285 | 0.48418   | 127.5 | 1.95 | 128.1 | 1.8  | 134 | 31   | 128.1 | 1.8  | -0.470588235 |  |
| SLRR_01_66.FIN2   | 525   | 0.427047619 | 0.0494  | 0.00055  | 0.1298 | 0.0014  | 0.01923 | 0.00012  | 0.30505   | 124.2 | 1.3  | 122.8 | 0.75 | 161 | 23   | 122.8 | 0.75 | 1.127214171  |  |
| SLRR_01_67.FIN2   | 560   | 0.246428571 | 0.0487  | 0.00075  | 0.1184 | 0.0017  | 0.01778 | 0.000115 | 0.11155   | 113.5 | 1.55 | 113.6 | 0.7  | 145 | 31   | 113.6 | 0.7  | -0.088105727 |  |
| SLRR_01_68.FIN2   | 788   | 0.527918782 | 0.0484  | 0.0006   | 0.11   | 0.0013  | 0.01665 | 0.00015  | 0.29696   | 105.9 | 1.15 | 106.5 | 0.95 | 121 | 25.5 | 106.5 | 0.95 | -0.566572238 |  |
| SLRR_01_69.FIN2   | 206   | 0.424271845 | 0.0506  | 0.001    | 0.1201 | 0.00215 | 0.01735 | 0.0002   | 0.11818   | 114.9 | 1.95 | 110.9 | 1.25 | 214 | 40.5 | 110.9 | 1.25 | 3.481288077  |  |
| SLRR_01_70.FIN2   | 522   | 0.12394636  | 0.0504  | 0.00095  | 0.1169 | 0.0022  | 0.01683 | 0.00019  | 0.24403   | 112   | 2    | 107.6 | 1.2  | 206 | 39.5 | 107.6 | 1.2  | 3.928571429  |  |
| SLRR_01_71.FIN2   | 132   | 0.698484848 | 0.0498  | 0.0013   | 0.117  | 0.003   | 0.01719 | 0.000145 | 0.034822  | 112.5 | 2.8  | 109.8 | 0.9  | 170 | 50   | 109.8 | 0.9  | 2            |  |
| SLRR_01_72.FIN2   | 159.8 | 0.354192741 | 0.0492  | 0.0009   | 0.1378 | 0.00255 | 0.02056 | 0.000275 | 0.39227   | 131.2 | 2.3  | 131.2 | 1.75 | 154 | 35.5 | 131.2 | 1.75 | 0            |  |
| SLRR_01_73.FIN2   | 452   | 0.457964602 | 0.0495  | 0.00055  | 0.1322 | 0.00145 | 0.01945 | 0.00013  | 0.32291   | 126   | 1.3  | 124.2 | 0.85 | 165 | 23.5 | 124.2 | 0.85 | 1.428571429  |  |
| SLRR_01_74.FIN2_1 | 187   | 0.219251337 | 0.0501  | 0.0031   | 0.101  | 0.006   | 0.0159  | 0.00095  | 0.35017   | 101   | 6.5  | 102   | 6    | 180 | 120  | 102   | 6    | -0.99009901  |  |
| SLRR_01_74.FIN2_2 | 212   | 0.239150943 | 0.0483  | 0.001    | 0.1563 | 0.00295 | 0.02398 | 0.0004   | 0.38599   | 147   | 2.6  | 152.7 | 2.5  | 113 | 39   | 152.7 | 2.5  | -3.87755102  |  |
| SLRR_01_75.FIN2   | 125.7 | 0.547334924 | 0.0468  | 0.00105  | 0.111  | 0.00235 | 0.0173  | 0.00016  | 0.047799  | 106.5 | 2.15 | 110.5 | 1.05 | 56  | 41   | 110.5 | 1.05 | -3.755868545 |  |
| SLRR_01_76.FIN2   | 420   | 0.342142857 | 0.0497  | 0.00065  | 0.1148 | 0.00135 | 0.01688 | 0.00009  | 0.096943  | 110.2 | 1.25 | 107.9 | 0.55 | 177 | 26   | 107.9 | 0.55 | 2.087114338  |  |
| SLRR_01_77.FIN2   | 144.6 | 0.718533887 | 0.05    | 0.001    | 0.1107 | 0.0022  | 0.01615 | 0.00014  | 0.20017   | 106.3 | 2    | 103.3 | 0.9  | 178 | 39   | 103.3 | 0.9  | 2.822201317  |  |
| SLRR_01_78.FIN2   | 1110  | 0.432432432 | 0.0491  | 0.00039  | 0.1322 | 0.00135 | 0.01958 | 0.000125 | 0.56774   | 126   | 1.2  | 125   | 0.8  | 151 | 18   | 125   | 0.8  | 0.793650794  |  |
| SLRR_01_79.FIN2   | 929   | 0.339720129 | 0.04931 | 0.000455 | 0.1175 | 0.001   | 0.01739 | 0.000085 | 0.19854   | 112.7 | 0.9  | 111.1 | 0.55 | 160 | 19.5 | 111.1 | 0.55 | 1.419698314  |  |
| SLRR_01_80.FIN2   | 327   | 0.229663609 | 0.0455  | 0.00085  | 0.111  | 0.00205 | 0.01807 | 0.00025  | 0.34036   | 106.6 | 1.85 | 115.4 | 1.55 | 7   | 35.5 | 115.4 | 1.55 | -8.255159475 |  |
| SLRR_01_81.FIN2   | 329   | 0.427051672 | 0.0471  | 0.0008   | 0.1059 | 0.00175 | 0.01653 | 0.000165 | 0.35354   | 102   | 1.6  | 105.7 | 1.05 | 67  | 32   | 105.7 | 1.05 | -3.62745098  |  |
| SLRR_01_82.FIN2   | 555   | 0.308468468 | 0.0471  | 0.00055  | 0.1234 | 0.0019  | 0.01921 | 0.00025  | 0.62676   | 118   | 1.7  | 122.6 | 1.6  | 67  | 24   | 122.6 | 1.6  | -3.898305085 |  |
| SLRR_01_83.FIN2   | 225   | 0.330222222 | 0.05    | 0.0012   | 0.1257 | 0.00295 | 0.01875 | 0.000385 | 0.41239   | 119.7 | 2.65 | 119.7 | 2.4  | 175 | 45.5 | 119.7 | 2.4  | 0            |  |
| SLRR_01_84.FIN2   | 70.5  | 0.597163121 | 0.0474  | 0.00145  | 0.1187 | 0.0036  | 0.01848 | 0.000185 | 0.10955   | 114.7 | 3.45 | 118   | 1.2  | 80  | 55   | 118   | 1.2  | -2.877070619 |  |
| SLRR_01_85.FIN2   | 1017  | 0.320550639 | 0.0513  | 0.0007   | 0.1173 | 0.00215 | 0.01653 | 0.000225 | 0.27357   | 112.3 | 1.9  | 105.6 | 1.45 | 245 | 26   | 105.6 | 1.45 | 5.966162066  |  |
| SLRR_01_86.FIN2   | 63.4  | 0.624605678 | 0.0497  | 0.0017   | 0.1108 | 0.0037  | 0.01632 | 0.000185 | 0.031933  | 105.9 | 3.4  | 104.3 | 1.2  | 140 | 60   | 104.3 | 1.2  | 1.510859301  |  |
| SLRR_01_87.FIN2   | 205   | 0.545853659 | 0.047   | 0.00085  | 0.0997 | 0.0018  | 0.01544 | 0.000125 | 0.23193   | 96.3  | 1.65 | 98.7  | 0.8  | 66  | 34   | 98.7  | 0.8  | -2.492211838 |  |
| SLRR_01_88.FIN2   | 63.7  | 0.540863428 | 0.0489  | 0.00155  | 0.1116 | 0.0033  | 0.01706 | 0.00017  | 0.01322   | 106.8 | 3    | 109   | 1.1  | 100 | 55   | 109   | 1.1  | -2.059925094 |  |
| SLRR_01_89.FIN2   | 316   | 0.626582278 | 0.0484  | 0.00075  | 0.1097 | 0.00185 | 0.01622 | 0.00013  | 0.26228   | 105.5 | 1.7  | 103.7 | 0.8  | 144 | 31.5 | 103.7 | 0.8  | 1.706161137  |  |
| SLRR_01_90.FIN2   | 174   | 0.605747126 | 0.0496  | 0.00105  | 0.1105 | 0.00215 | 0.01648 | 0.00015  | 0.091902  | 106.2 | 1.95 | 105.4 | 0.95 | 162 | 40.5 | 105.4 | 0.95 | 0.753295669  |  |
| SLRR_01_91.FIN2   | 91    | 0.462637363 | 0.0459  | 0.0013   | 0.1089 | 0.003   | 0.01728 | 0.00016  | 0.012388  | 104.4 | 2.7  | 110.4 | 1    | 40  | 50   | 110.4 | 1    | -5.747126437 |  |
| SLRR_01_92.FIN2_1 | 547   | 0.023034735 | 0.0515  | 0.0009   | 0.1188 | 0.00255 | 0.01678 | 0.00018  | 0.56553   | 113.8 | 2.3  | 107.2 | 1.15 | 247 | 38   | 107.2 | 1.15 | 5.799648506  |  |
| SLRR_01_92.FIN2_2 | 103.4 | 0.456479691 | 0.0495  | 0.0015   | 0.1354 | 0.00355 | 0.02022 | 0.0002   | -0.027684 | 128.5 | 3.15 | 129   | 1.25 | 150 | 55   | 129   | 1.25 | -0.389105058 |  |
| SLRR_01_93.FIN2   | 1300  | 0.061846154 | 0.0482  | 0.0008   | 0.1115 | 0.0019  | 0.01683 | 0.00012  | 0.12033   | 107.5 | 1.75 | 107.6 | 0.75 | 108 | 32.5 | 107.6 | 0.75 | -0.093023256 |  |
| SLRR_01_94.FIN2   | 876   | 0.439497717 | 0.04926 | 0.000465 | 0.113  | 0.00115 | 0.0167  | 0.00014  | 0.53189   | 108.7 | 1.05 | 106.8 | 0.9  | 161 | 20.5 | 106.8 | 0.9  | 1.747930083  |  |
| SLRR_01_95.FIN2   | 145.3 | 0.401238816 | 0.0499  | 0.001    | 0.1215 | 0.00245 | 0.01767 | 0.000145 | 0.15171   | 116.1 | 2.2  | 112.9 | 0.9  | 190 | 41   | 112.9 | 0.9  | 2.756244617  |  |
| SLRR_01_96.FIN2   | 121   | 0.229752066 | 0.0469  | 0.00115  | 0.112  | 0.0027  | 0.01749 | 0.000155 | 0.05927   | 107.4 | 2.5  | 111.8 | 1    | 51  | 45.5 | 111.8 | 1    | -4.096834264 |  |
| SLRR_01_97.FIN2   | 240   | 0.65875     | 0.0495  | 0.00075  | 0.1065 | 0.00165 | 0.01567 | 0.000105 | 0.12068   | 102.6 | 1.5  | 100.2 | 0.65 | 167 | 31.5 | 100.2 | 0.65 | 2.339181287  |  |
| SLRR_01_98.FIN2   | 421   | 0.337054632 | 0.0495  | 0.00065  | 0.1303 | 0.00175 | 0.01916 | 0.00013  | 0.34091   | 124.2 | 1.6  | 122.4 | 0.85 | 161 | 27   | 122.4 | 0.85 | 1.449275362  |  |
| SLRR_01_99.FIN2   | 227   | 0.328634361 | 0.0497  | 0.00095  | 0.1404 | 0.00275 | 0.02076 | 0.0003   | 0.40237   | 132.9 | 2.45 | 132.4 | 1.9  | 163 | 37.5 | 132.4 | 1.9  | 0.376222724  |  |
| SLRR_01_100.FIN2  | 1510  | 0.140331126 | 0.04755 | 0.000325 | 0.1106 | 0.0008  | 0.01693 | 0.00008  | 0.26628   | 106.4 | 0.75 | 108.2 | 0.5  | 78  | 14.5 | 108.2 | 0.5  | -1.691729323 |  |
| SLRR_01_101.FIN2  | 369   | 0.23902439  | 0.0483  | 0.00065  | 0.1008 | 0.0014  | 0.01514 | 0.00008  | 0.29208   | 97.4  | 1.3  | 96.9  | 0.5  | 117 | 26.5 | 96.9  | 0.5  | 0.513347023  |  |
| SLRR_01_103.FIN2  | 280.8 | 0.570868946 | 0.0477  | 0.0006   | 0.1265 | 0.00155 | 0.01922 | 0.00011  | 0.14376   | 120.8 | 1.4  | 122.7 | 0.7  | 98  | 25.5 | 122.7 | 0.7  | -1.572847682 |  |
| SLRR_01_104.FIN2  | 176.7 | 0.418222977 | 0.0497  | 0.00085  | 0.1246 | 0.00205 | 0.01827 | 0.000125 | 0.10778   | 119   | 1.85 | 116.7 | 0.8  | 165 | 34   | 116.7 | 0.8  | 1.932771309  |  |
| SLRR_01_105.FIN2  | 725   | 0.115586207 | 0.0554  | 0.0012   | 0.1155 | 0.00245 | 0.01521 | 0.00023  | 0.30626   | 110.9 | 2.2  | 97.3  | 1.45 | 403 | 47   | 97.3  | 1.45 | 12.26330027  |  |
| SLRR_01_106.FIN2  | 348.5 | 0.616355811 | 0.0491  | 0.0006   | 0.1278 | 0.00145 | 0.01897 | 0.000105 | -0.02528  | 122   | 1.3  | 121.2 | 0.65 | 147 | 25.5 | 121.2 | 0.65 | 0.655737705  |  |
| SLRR_01_107.FIN2  | 625   | 0.22096     | 0.0482  | 0.0007   | 0.1078 | 0.0015  | 0.01628 | 0.00009  | 0.18919   | 103.8 | 1.35 | 104.1 | 0.6  | 118 | 28   | 104.1 | 0.6  | -0.289017341 |  |
| SLRR_01_108.FIN2  | 86.1  | 0.50174216  | 0.053   | 0.0016   | 0.1341 | 0.0042  | 0.01843 | 0.00026  | 0.33747   | 126.9 | 3.75 | 117.7 | 1.65 | 280 | 60   | 117.7 | 1.65 | 7.249802994  |  |
| SLRR_01_109.FIN2  | 184.6 | 0.625135428 | 0.0494  | 0.00085  | 0.1191 | 0.0021  | 0.01745 | 0.000115 | 0.18276   | 114   | 1.9  | 111.5 | 0.7  | 170 | 35   | 111.5 | 0.7  | 2.19282456   |  |
| SLRR_01_110.FIN2  | 263   | 0.520912548 | 0.0503  | 0.0009   | 0.1267 | 0.00215 | 0.01824 | 0.00012  | 0.16801   | 120.8 | 1.95 | 116.5 | 0.75 | 197 | 34.5 | 116.5 | 0.75 | 3.559602649  |  |
| SLRR_01_111.FIN2  | 109.5 | 0.448401826 | 0.0493  | 0.00125  | 0.1083 | 0.00255 | 0.01611 | 0.00013  | -0.065376 | 104   | 2.35 | 103   | 0.8  | 138 | 48   | 103   | 0.8  | 0.961538462  |  |
| SLRR_01_112.FIN2  | 880   | 0.425       | 0.0537  | 0.0005   | 0.1347 | 0.00155 | 0.01821 | 0.000145 | 0.62391   | 128.1 | 1.4  | 116.3 | 0.9  | 343 | 21   | 116.3 | 0.9  | 9.211553474  |  |
| SLRR_01_113.FIN2  | 462   | 0.279220779 | 0.0506  | 0.0007   | 0.1167 | 0.0017  | 0.01672 | 0.000115 | 0.3101    | 111.9 | 1.55 | 106.9 | 0.75 | 209 | 28.5 | 106.9 | 0.75 | 4.468275246  |  |
| SLRR_01_114.FIN2  | 216.5 | 0.160508083 | 0.0475  | 0.00065  | 0.1737 | 0.00245 | 0.02659 | 0.000175 | 0.25647   | 162.8 | 2.15 | 169.2 | 1.1  | 87  | 28   | 169.2 | 1.1  | -3.931203931 |  |
| SLRR_01_115.FIN2  | 306   | 0.245751634 | 0.0476  | 0.0007   | 0.1023 | 0.0015  | 0.01564 | 0.000105 | 0.10595   | 98.8  | 1.4  | 100.1 | 0.65 | 87  | 29.5 | 100.1 | 0.65 | -1.315789474 |  |
| SLRR_01_116.FIN2  | 179.8 | 0.4432703   | 0.0483  | 0.00075  | 0.1154 | 0.00175 | 0.01728 | 0.000095 | 0.14673   | 110.7 | 1.6  | 110.4 | 0.6  | 119 | 30.5 | 110.4 | 0.6  | 0.27100271   |  |
| SLRR_01_117.FIN2  | 55.7  | 0.490125673 | 0.0554  | 0.00195  | 0.145  | 0.005   | 0.01912 | 0.000255 | 0.22675   | 136   | 4.45 | 122.1 | 1.6  | 350 | 70   | 122.1 | 1.6  | 10.22058824  |  |
| SLRR_01_118.FIN2  | 276   | 0.164130435 | 0.0479  |          |        |         |         |          |           |       |      |       |      |     |      |       |      |              |  |

|                        |       |             |         |          |        |         |         |          |          |        |      |       |      |      |      |       |       |              |  |
|------------------------|-------|-------------|---------|----------|--------|---------|---------|----------|----------|--------|------|-------|------|------|------|-------|-------|--------------|--|
| SDR_01_part1_2.FIN2    | 218   | 0.61559633  | 0.0484  | 0.00085  | 0.1021 | 0.00175 | 0.01554 | 0.000115 | 0.13603  | 98.5   | 1.6  | 99.4  | 0.7  | 116  | 34   | 99.4  | 0.7   | -0.913705584 |  |
| SDR_01_part1_3.FIN2    | 387   | 0.258656331 | 0.0486  | 0.0006   | 0.1079 | 0.0013  | 0.01634 | 0.00013  | 0.25188  | 104    | 1.15 | 104.5 | 0.8  | 132  | 25.5 | 104.5 | 0.8   | -0.480769231 |  |
| SDR_01_part1_4.FIN2    | 137.2 | 0.294460641 | 0.0497  | 0.00125  | 0.0994 | 0.0024  | 0.01475 | 0.000155 | 0.09702  | 95.9   | 2.2  | 94.4  | 1    | 163  | 47.5 | 94.4  | 1     | 1.564129301  |  |
| SDR_01_part1_5.FIN2    | 198.4 | 0.402217742 | 0.0489  | 0.0008   | 0.1106 | 0.0019  | 0.01663 | 0.00014  | 0.34094  | 106.3  | 1.75 | 106.3 | 0.9  | 149  | 33.5 | 106.3 | 0.9   | 0            |  |
| SDR_01_part1_6.FIN2    | 208.7 | 0.232390992 | 0.0494  | 0.00135  | 0.1048 | 0.0026  | 0.01565 | 0.000185 | 0.11489  | 100.9  | 2.35 | 100.1 | 1.2  | 170  | 55   | 100.1 | 1.2   | 0.792864222  |  |
| SDR_01_part1_7.FIN2    | 194   | 0.388659794 | 0.0478  | 0.001    | 0.1041 | 0.0022  | 0.01615 | 0.00024  | 0.33049  | 100.8  | 2.05 | 103.2 | 1.55 | 83   | 38.5 | 103.2 | 1.55  | -2.380952381 |  |
| SDR_01_part1_8.FIN2    | 61.5  | 0.544715447 | 0.0497  | 0.00155  | 0.1106 | 0.0034  | 0.01656 | 0.00023  | 0.23459  | 105.8  | 3.1  | 105.8 | 1.45 | 150  | 60   | 105.8 | 1.45  | 0            |  |
| SDR_01_part1_9.FIN2    | 1930  | 0.11761658  | 0.04863 | 0.000405 | 0.1072 | 0.0012  | 0.01615 | 0.00014  | 0.69869  | 103.3  | 1.1  | 103.3 | 0.9  | 129  | 17.5 | 103.3 | 0.9   | 0            |  |
| SDR_01_part1_11.FIN2   | 831   | 0.098676294 | 0.08917 | 0.000345 | 3.044  | 0.0145  | 0.2494  | 0.0011   | 0.64241  | 1417.6 | 3.7  | 1435  | 5.5  | 1405 | 7.5  | 1405  | 7.5   | -2.135231317 |  |
| SDR_01_part1_12.FIN2   | 274   | 0.270437956 | 0.0508  | 0.0008   | 0.1047 | 0.00175 | 0.01501 | 0.000175 | 0.39953  | 100.9  | 1.6  | 96    | 1.1  | 213  | 32   | 96    | 1.1   | 4.85629336   |  |
| SDR_01_part1_13.FIN2   | 235   | 0.543404255 | 0.0478  | 0.0008   | 0.1012 | 0.0016  | 0.01545 | 0.000095 | 0.070466 | 97.8   | 1.45 | 98.9  | 0.6  | 99   | 32.5 | 98.9  | 0.6   | -1.124744376 |  |
| SDR_01_part1_14.FIN2   | 127.6 | 0.407523511 | 0.0481  | 0.0012   | 0.0952 | 0.00215 | 0.01466 | 0.00015  | 0.028767 | 92     | 1.95 | 93.8  | 0.95 | 94   | 45.5 | 93.8  | 0.95  | -1.956521739 |  |
| SDR_01_part1_15.FIN2   | 77.4  | 0.494832041 | 0.0484  | 0.00135  | 0.1113 | 0.00295 | 0.01668 | 0.000165 | 0.014597 | 107.3  | 2.75 | 106.6 | 1.05 | 140  | 50   | 106.6 | 1.05  | 0.652376514  |  |
| SDR_01_part1_16.FIN2_1 | 93.4  | 0.553533191 | 0.0465  | 0.0011   | 0.1088 | 0.00245 | 0.01725 | 0.000185 | 0.08993  | 104.5  | 2.25 | 110.2 | 1.15 | 45   | 44.5 | 110.2 | 1.15  | -5.454545455 |  |
| SDR_01_part1_16.FIN2_2 | 502   | 0.092430279 | 0.0539  | 0.0028   | 0.0888 | 0.0045  | 0.01219 | 0.000495 | 0.61522  | 86.2   | 4.2  | 78.1  | 3.15 | 320  | 110  | 78.1  | 3.15  | 9.39675174   |  |
| SDR_01_part1_17.FIN2   | 416.8 | 0.10940499  | 0.1007  | 0.0014   | 2.74   | 0.06    | 0.1974  | 0.003    | 0.7847   | 1329   | 16.5 | 1160  | 16   | 1622 | 25.5 | 1622  | 25.5  | 28.48335388  |  |
| SDR_01_part1_18.FIN2   | 137.7 | 0.281045752 | 0.051   | 0.00115  | 0.1192 | 0.00265 | 0.0172  | 0.00022  | 0.15996  | 113.9  | 2.4  | 109.9 | 1.4  | 202  | 43.5 | 109.9 | 1.4   | 3.511852502  |  |
| SDR_01_part1_19.FIN2   | 195.4 | 0.650460594 | 0.0479  | 0.0008   | 0.1118 | 0.0018  | 0.017   | 0.00011  | 0.16143  | 107.4  | 1.6  | 108.7 | 0.7  | 106  | 32   | 108.7 | 0.7   | -1.210428305 |  |
| SDR_01_part1_20.FIN2   | 436   | 0.660550459 | 0.0487  | 0.00065  | 0.1133 | 0.0013  | 0.01706 | 0.00009  | 0.021133 | 108.9  | 1.2  | 109.1 | 0.6  | 133  | 26   | 109.1 | 0.6   | -0.183654729 |  |
| SDR_01_part1_21.FIN2   | 59.7  | 0.716917923 | 0.0491  | 0.00175  | 0.1135 | 0.0035  | 0.0173  | 0.00025  | -0.03789 | 108.4  | 3.2  | 110.5 | 1.6  | 100  | 60   | 110.5 | 1.6   | -1.937269373 |  |
| SDR_01_part1_22.FIN2   | 233.1 | 0.888030888 | 0.063   | 0.0006   | 0.678  | 0.011   | 0.83147 | 0.0011   | 0.83147  | 522    | 7    | 487   | 6.5  | 691  | 20.5 | 487   | 6.5   | 6.704980843  |  |
| SDR_01_part1_23.FIN2   | 156.3 | 0.201151631 | 0.0512  | 0.0008   | 0.1799 | 0.0028  | 0.02565 | 0.000195 | 0.25757  | 167.5  | 2.4  | 163.2 | 1.25 | 246  | 32.5 | 163.2 | 1.25  | 2.567164179  |  |
| SDR_01_part1_24.FIN2   | 170   | 0.307647059 | 0.051   | 0.00115  | 0.1053 | 0.0023  | 0.01515 | 0.000125 | 0.092321 | 101.3  | 2.15 | 97.1  | 0.8  | 205  | 44   | 97.1  | 0.8   | 4.146100691  |  |
| SDR_01_part1_25.FIN2   | 78.8  | 0.473350254 | 0.0476  | 0.00135  | 0.1138 | 0.00315 | 0.01744 | 0.00016  | 0.091433 | 108.8  | 2.85 | 111.4 | 1.05 | 90   | 50   | 111.4 | 1.05  | -2.389705882 |  |
| SDR_01_part1_26.FIN2   | 348   | 0.807471264 | 0.0477  | 0.00065  | 0.1111 | 0.00135 | 0.01715 | 0.000105 | 0.059518 | 106.8  | 1.2  | 109.6 | 0.65 | 89   | 26.5 | 109.6 | 0.65  | -2.621722846 |  |
| SDR_01_part1_27.FIN2   | 194   | 0.392783505 | 0.0508  | 0.001    | 0.1339 | 0.00265 | 0.01956 | 0.00026  | 0.29389  | 127.1  | 2.4  | 124.8 | 1.65 | 206  | 39.5 | 124.8 | 1.65  | 1.809598741  |  |
| SDR_01_part1_28.FIN2   | 169.9 | 0.804002354 | 0.0476  | 0.001    | 0.1086 | 0.00215 | 0.01669 | 0.00018  | 0.18876  | 104.4  | 1.95 | 106.7 | 1.15 | 88   | 39.5 | 106.7 | 1.15  | -2.20365134  |  |
| SDR_01_part1_29.FIN2   | 138   | 0.558695652 | 0.0455  | 0.00105  | 0.1046 | 0.0025  | 0.01654 | 0.00014  | 0.16588  | 100.6  | 2.3  | 105.7 | 0.9  | 26   | 43   | 105.7 | 0.9   | -5.069582505 |  |
| SDR_01_part1_30.FIN2   | 127   | 0.742519685 | 0.0464  | 0.001    | 0.1093 | 0.00235 | 0.01716 | 0.000165 | 0.21779  | 105    | 2.15 | 109.6 | 1.05 | 35   | 38.5 | 109.6 | 1.05  | -4.380952381 |  |
| SDR_01_part1_31.FIN2_1 | 877   | 0.150399088 | 0.1069  | 0.00075  | 4.034  | 0.0345  | 0.2769  | 0.0027   | 0.73155  | 1678   | 7    | 1573  | 13.5 | 1739 | 12.5 | 1739  | 12.5  | 9.545715929  |  |
| SDR_01_part1_31.FIN2_2 | 382   | 0.606994764 | 0.0529  | 0.0015   | 0.192  | 0.0055  | 0.0266  | 0.0008   | 0.2918   | 173.8  | 4.6  | 169   | 5    | 310  | 60   | 169   | 5     | 4.949381327  |  |
| SDR_01_part1_32.FIN2   | 456   | 0.888157895 | 0.0563  | 0.00075  | 0.441  | 0.006   | 0.0574  | 0.00075  | 0.54982  | 370.8  | 4.3  | 360   | 4.5  | 452  | 29   | 360   | 4.5   | 2.912621359  |  |
| SDR_01_part1_33.FIN2   | 208   | 0.337980769 | 0.0496  | 0.0007   | 0.1753 | 0.0028  | 0.02541 | 0.00024  | 0.47652  | 163.6  | 2.4  | 161.7 | 1.5  | 181  | 29   | 161.7 | 1.5   | 1.161369193  |  |
| SDR_01_part1_34.FIN2_1 | 256.7 | 0.409816907 | 0.0502  | 0.00085  | 0.1116 | 0.002   | 0.0164  | 0.00019  | 0.41258  | 107.2  | 1.8  | 104.8 | 1.2  | 190  | 34   | 104.8 | 1.2   | 2.23880597   |  |
| SDR_01_part1_34.FIN2_2 | 744   | 0.016922043 | 0.051   | 0.0011   | 0.1907 | 0.0044  | 0.0276  | 0.0006   | 0.49151  | 176.8  | 3.75 | 175.2 | 3.65 | 227  | 45.5 | 175.2 | 3.65  | 0.904977376  |  |
| SDR_01_part1_35.FIN2   | 460   | 0.147173913 | 0.0549  | 0.00085  | 0.315  | 0.0075  | 0.0421  | 0.00095  | 0.78663  | 277    | 5.5  | 265   | 6    | 390  | 34   | 265   | 6     | 4.332129964  |  |
| SDR_01_part1_36.FIN2   | 90.4  | 0.516482301 | 0.0491  | 0.0012   | 0.1207 | 0.0029  | 0.01812 | 0.00023  | 0.27482  | 115.2  | 2.6  | 115.4 | 1.45 | 132  | 44.5 | 115.7 | 1.45  | -0.434027778 |  |
| SDR_01_part1_37.FIN2   | 131.2 | 0.755335366 | 0.0474  | 0.00095  | 0.1103 | 0.00225 | 0.01702 | 0.000165 | 0.25752  | 105.9  | 2.05 | 108.8 | 1.05 | 77   | 38   | 108.8 | 1.05  | -2.738432483 |  |
| SDR_01_part1_38.FIN2   | 172   | 1.008837200 | 0.1012  | 0.00255  | 0.472  | 0.000   | 0.01808 | 0.00016  | 0.7324   | 200    | 6    | 115.5 | 1    | 2606 | 24   | DISC  | AVAIL | 70.28461538  |  |
| SDR_01_part1_39.FIN2   | 102.3 | 0.375366569 | 0.0482  | 0.0012   | 0.103  | 0.0025  | 0.01567 | 0.000145 | 0.16157  | 99.2   | 2.3  | 100.2 | 0.9  | 93   | 45.5 | 100.2 | 0.9   | -1.008064516 |  |
| SDR_01_part1_40.FIN2   | 226   | 0.685840708 | 0.0498  | 0.0007   | 0.1439 | 0.00215 | 0.02101 | 0.000205 | 0.29104  | 136.2  | 1.9  | 134   | 1.3  | 182  | 29.5 | 134   | 1.3   | 1.615271659  |  |
| SDR_01_part1_41.FIN2   | 960   | 0.39375     | 0.0524  | 0.0006   | 0.0948 | 0.00115 | 0.01317 | 0.00013  | 0.11457  | 91.8   | 1.1  | 84.4  | 0.8  | 285  | 24   | 84.4  | 0.8   | 8.061002179  |  |
| SDR_01_part1_42.FIN2   | 117   | 0.743589744 | 0.0523  | 0.00125  | 0.1244 | 0.0029  | 0.01732 | 0.00016  | 0.021612 | 118.5  | 2.6  | 110.7 | 1    | 268  | 47.5 | 110.7 | 1     | 6.582278481  |  |
| SDR_01_part1_43.FIN2   | 221.3 | 0.554902847 | 0.0491  | 0.0008   | 0.1138 | 0.00195 | 0.01671 | 0.000155 | 0.21964  | 109.2  | 1.8  | 106.8 | 1    | 144  | 32.5 | 106.8 | 1     | 2.197802198  |  |
| SDR_01_part1_44.FIN2   | 89.6  | 0.587053571 | 0.0502  | 0.00115  | 0.1122 | 0.0027  | 0.01602 | 0.000155 | 0.20577  | 107.5  | 2.45 | 102.4 | 1    | 194  | 46   | 102.4 | 1     | 4.744186047  |  |
| SDR_01_part1_45.FIN2   | 494   | 0.447368421 | 0.0529  | 0.00105  | 0.1088 | 0.00205 | 0.0152  | 0.0002   | 0.33192  | 104.6  | 1.9  | 97.2  | 1.25 | 310  | 39   | 97.2  | 1.25  | 7.07456979   |  |
| SDR_01_part1_46.FIN2   | 43.8  | 0.363926941 | 0.0476  | 0.0018   | 0.0993 | 0.00365 | 0.0152  | 0.00024  | 0.13442  | 95.3   | 3.35 | 97.2  | 1.5  | 90   | 70   | 97.2  | 1.5   | -1.993704092 |  |
| SDR_01_part1_47.FIN2   | 96.5  | 0.32746114  | 0.0523  | 0.00125  | 0.124  | 0.00305 | 0.01726 | 0.000205 | 0.21231  | 118.1  | 2.7  | 110.3 | 1.3  | 263  | 48   | 110.3 | 1.3   | 6.604572396  |  |
| SDR_01_part1_48.FIN2   | 296   | 1.219594595 | 0.0504  | 0.0006   | 0.1881 | 0.00265 | 0.02675 | 0.00027  | 0.56736  | 174.6  | 2.25 | 170.1 | 1.7  | 203  | 25   | 170.1 | 1.7   | 2.577319588  |  |
| SDR_01_part1_49.FIN2   | 113.5 | 0.375330396 | 0.0454  | 0.00115  | 0.098  | 0.0024  | 0.01573 | 0.00019  | 0.18948  | 94.6   | 2.2  | 100.6 | 1.2  | -3   | 45   | 100.6 | 1.2   | -6.342494715 |  |
| SDR_01_part1_50.FIN2   | 1490  | 0.104026846 | 0.05031 | 0.000335 | 0.2801 | 0.0021  | 0.03984 | 0.000235 | 0.5297   | 250.5  | 1.7  | 250.8 | 1.45 | 209  | 15   | 251.8 | 1.45  | -0.518962076 |  |
| SDR_01_part1_51.FIN2   | 109   | 0.350458716 | 0.0494  | 0.00105  | 0.1432 | 0.00305 | 0.0209  | 0.000215 | 0.27532  | 135.4  | 2.7  | 133.3 | 1.35 | 166  | 41   | 133.3 | 1.35  | 1.550690118  |  |
| SDR_01_part1_52.FIN2   | 189   | 0.694179894 | 0.0522  | 0.0011   | 0.1284 | 0.00295 | 0.01771 | 0.000215 | 0.40125  | 122.2  | 2.65 | 113.1 | 1.35 | 253  | 41   | 113.1 | 1.35  | 7.446808511  |  |
| SDR_01_part1_53.FIN2   | 150   | 0.726       | 0.0473  | 0.00095  | 0.1025 | 0.00215 | 0.01549 | 0.000115 | 0.22785  | 98.8   | 2    | 99.1  | 0.75 | 84   | 39.5 | 99.1  | 0.75  | -0.303643725 |  |
| SDR_01_part1_54.FIN2   | 105.4 | 0.289184061 | 0.0505  | 0.00135  | 0.1898 | 0.0043  | 0.02668 | 0.000285 | 0.10924  | 175.9  | 3.65 | 169.7 | 1.8  | 190  | 50   | 169.7 | 1.8   | 3.52472996   |  |
| SDR_01_part1_55.FIN2   | 135.9 | 0.440029433 | 0.0497  | 0.00105  | 0.1829 | 0.0035  | 0.02644 | 0.0002   | 0.012972 | 170    | 3    | 168.2 | 1.25 | 165  | 40.5 | 168.2 | 1.25  | 1.058823529  |  |
| SDR_01_part1_56.FIN2   | 157   | 0.463057325 | 0.048   | 0.00095  | 0.1167 | 0.00225 | 0.01735 | 0.00014  | 0.10758  | 111.7  | 2.05 | 110.9 | 0.9  | 107  | 38   | 110.9 | 0.9   | 0.716204118  |  |
| SDR_01_part1_57.FIN2   | 388   | 0.019639175 | 0.10339 | 0.000375 | 4.242  |         |         |          |          |        |      |       |      |      |      |       |       |              |  |

|                       |       |             |         |          |        |         |         |          |           |       |      |        |      |      |      |       |      |              |
|-----------------------|-------|-------------|---------|----------|--------|---------|---------|----------|-----------|-------|------|--------|------|------|------|-------|------|--------------|
| SDR_01_part2_83.FIN2  | 278   | 0.752877698 | 0.049   | 0.00085  | 0.1138 | 0.0019  | 0.01691 | 0.000125 | 0.10599   | 109.2 | 1.75 | 108.1  | 0.8  | 138  | 34   | 108.1 | 0.8  | 1.007326007  |
| SDR_01_part2_84.FIN2  | 230   | 0.648695652 | 0.0471  | 0.00075  | 0.1041 | 0.0016  | 0.01607 | 0.000115 | 0.11319   | 100.4 | 1.45 | 102.7  | 0.7  | 71   | 31   | 102.7 | 0.7  | -2.290836653 |
| SDR_01_part2_85.FIN2  | 125   | 0.936       | 0.0491  | 0.0011   | 0.158  | 0.0034  | 0.00269 | 0.000245 | 0.18845   | 149.1 | 3.05 | 150.24 | 1.55 | 145  | 42.5 | 150.9 | 1.55 | -1.207243461 |
| SDR_01_part2_86.FIN2  | 225.9 | 0.665338645 | 0.0476  | 0.0009   | 0.1109 | 0.00195 | 0.017   | 0.00013  | 0.11395   | 106.5 | 1.8  | 108.7  | 0.8  | 82   | 35   | 108.7 | 0.8  | -2.0657277   |
| SDR_01_part2_87.FIN2  | 296.1 | 0.419452888 | 0.0492  | 0.0009   | 0.1016 | 0.00185 | 0.01508 | 0.000145 | 0.25875   | 98.1  | 1.7  | 96.5   | 0.9  | 158  | 36   | 96.5  | 0.9  | 1.630988787  |
| SDR_01_part2_88.FIN2  | 537   | 0.286964618 | 0.0538  | 0.00115  | 0.1395 | 0.00315 | 0.01886 | 0.00023  | 0.3918    | 132.3 | 2.8  | 120.5  | 1.45 | 333  | 44.5 | 120.5 | 1.45 | 8.919123205  |
| SDR_01_part2_89.FIN2  | 136.4 | 0.563049853 | 0.0481  | 0.0011   | 0.1286 | 0.00275 | 0.01945 | 0.00019  | 0.15577   | 122.4 | 2.5  | 124.1  | 1.2  | 102  | 42   | 124.1 | 1.2  | -1.388888889 |
| SDR_01_part2_90.FIN2  | 112.6 | 0.624333925 | 0.0483  | 0.0013   | 0.1047 | 0.0028  | 0.01571 | 0.000175 | 0.074796  | 100.6 | 2.55 | 100.5  | 1.1  | 120  | 50   | 100.5 | 1.1  | 0.099040379  |
| SDR_01_part2_91.FIN2  | 129.3 | 0.535962877 | 0.0547  | 0.00245  | 0.152  | 0.0065  | 0.02041 | 0.000395 | 0.10745   | 143   | 5.5  | 130.2  | 2.5  | 330  | 90   | 130.2 | 2.5  | 8.951048951  |
| SDR_01_part2_92.FIN2  | 31.38 | 0.917144678 | 0.0526  | 0.0022   | 0.174  | 0.007   | 0.02438 | 0.000335 | -0.047828 | 162   | 6    | 155.2  | 2.1  | 230  | 75   | 155.2 | 2.1  | 4.197530864  |
| SDR_01_part2_93.FIN2  | 146.7 | 1.03135651  | 0.0532  | 0.001    | 0.1809 | 0.00395 | 0.02437 | 0.000255 | 0.50098   | 168   | 3.35 | 155.2  | 1.6  | 321  | 39   | 155.2 | 1.6  | 7.619047619  |
| SDR_01_part2_94.FIN2  | 111   | 0.572972973 | 0.0465  | 0.00135  | 0.1004 | 0.00275 | 0.01585 | 0.000175 | 0.074205  | 96.7  | 2.5  | 101.4  | 1.1  | 30   | 50   | 101.4 | 1.1  | -4.860392968 |
| SDR_01_part2_96.FIN2  | 124   | 0.558064516 | 0.0488  | 0.0012   | 0.1066 | 0.0027  | 0.01573 | 0.000145 | 0.067342  | 102.4 | 2.45 | 100.6  | 0.9  | 121  | 45.5 | 100.6 | 0.9  | 1.7578125    |
| SDR_01_part2_97.FIN2  | 177   | 0.569491525 | 0.0504  | 0.0011   | 0.1238 | 0.00275 | 0.01771 | 0.000155 | 0.1822    | 118.6 | 2.55 | 113.2  | 1    | 198  | 43.5 | 113.2 | 1    | 4.55311973   |
| SDR_01_part2_98.FIN2  | 108.3 | 0.4644506   | 0.0505  | 0.0013   | 0.1164 | 0.003   | 0.01654 | 0.000155 | 0.13115   | 111.3 | 2.7  | 105.7  | 1    | 190  | 49.5 | 105.7 | 1    | 5.031446541  |
| SDR_01_part2_99.FIN2  | 57.9  | 0.628670121 | 0.0444  | 0.00155  | 0.1141 | 0.00415 | 0.01818 | 0.00023  | 0.098576  | 108.6 | 3.75 | 116.1  | 1.45 | -20  | 60   | 116.1 | 1.45 | -6.906077348 |
| SDR_01_part2_100.FIN2 | 153.9 | 0.53411306  | 0.0552  | 0.00135  | 0.1316 | 0.00345 | 0.01718 | 0.000175 | 0.41466   | 125.7 | 3.15 | 109.8  | 1.1  | 370  | 50   | 109.8 | 1.1  | 12.64916468  |
| SDR_01_part2_101.FIN2 | 184   | 0.405978261 | 0.0483  | 0.0012   | 0.1206 | 0.0028  | 0.01803 | 0.000145 | 0.011444  | 115.1 | 2.5  | 115.2  | 0.95 | 115  | 45.5 | 115.2 | 0.95 | -0.086880973 |
| SDR_01_part2_102.FIN2 | 549   | 0.442622951 | 0.047   | 0.00075  | 0.1117 | 0.0017  | 0.01729 | 0.000175 | 0.3047    | 107.3 | 1.55 | 110.8  | 1.1  | 63   | 30   | 110.5 | 1.1  | -2.982292637 |
| SDR_01_part2_103.FIN2 | 458   | 0.810043668 | 0.0471  | 0.0007   | 0.115  | 0.0016  | 0.01774 | 0.00018  | 0.30628   | 110.4 | 1.45 | 113.4  | 1.15 | 67   | 28.5 | 113.4 | 1.15 | -2.717391304 |
| SDR_01_part2_104.FIN2 | 434   | 1.168202765 | 0.0483  | 0.00065  | 0.1355 | 0.00175 | 0.02055 | 0.00019  | 0.29303   | 128.8 | 1.55 | 131.1  | 1.2  | 113  | 27   | 131.1 | 1.2  | -1.785714286 |
| SDR_01_part2_105.FIN2 | 136   | 0.627205882 | 0.0472  | 0.0012   | 0.1066 | 0.0026  | 0.01656 | 0.000145 | -0.022132 | 102.4 | 2.4  | 105.9  | 0.9  | 62   | 46.5 | 105.9 | 0.9  | -3.41796875  |
| SDR_01_part2_107.FIN2 | 170   | 0.400588235 | 0.0504  | 0.0013   | 0.0997 | 0.0023  | 0.01492 | 0.000185 | 0.064606  | 96.1  | 2.15 | 95.4   | 1.15 | 173  | 48   | 95.4  | 1.15 | 0.728407908  |
| SDR_01_part2_108.FIN2 | 216   | 0.433796296 | 0.047   | 0.00095  | 0.0959 | 0.00195 | 0.0148  | 0.00012  | 0.14335   | 92.8  | 1.8  | 94.7   | 0.75 | 76   | 38.5 | 94.7  | 0.75 | -2.047413793 |
| SDR_01_part2_109.FIN2 | 179.3 | 0.764640268 | 0.0489  | 0.00105  | 0.1365 | 0.00265 | 0.02053 | 0.00029  | 0.28252   | 129.5 | 2.35 | 131    | 1.85 | 136  | 40   | 131   | 1.85 | -1.158301158 |
| SDR_01_part2_110.FIN2 | 127.9 | 0.577795152 | 0.0474  | 0.001    | 0.1148 | 0.0024  | 0.01764 | 0.00015  | 0.12031   | 110   | 2.15 | 112.7  | 0.95 | 95   | 41   | 112.7 | 0.95 | -2.454545455 |
| SDR_01_part2_111.FIN2 | 278   | 0.435251799 | 0.0497  | 0.00095  | 0.1159 | 0.0022  | 0.01682 | 0.00012  | 0.14612   | 111   | 2    | 107.5  | 0.75 | 179  | 38.5 | 107.5 | 0.75 | 3.153153153  |
| SDR_01_part2_112.FIN2 | 219.5 | 0.53667426  | 0.0491  | 0.00095  | 0.1064 | 0.00215 | 0.01571 | 0.000155 | 0.25132   | 102.4 | 2    | 100.5  | 1    | 148  | 39   | 100.5 | 1    | 1.85546875   |
| SDR_01_part2_113.FIN2 | 426   | 0.807511737 | 0.0502  | 0.0009   | 0.0808 | 0.0013  | 0.01174 | 0.000105 | 0.13444   | 78.8  | 1.2  | 75.2   | 0.65 | 197  | 35.5 | 75.2  | 0.65 | 4.568527919  |
| SDR_01_part2_114.FIN2 | 144.1 | 0.507286607 | 0.0484  | 0.00115  | 0.1136 | 0.0026  | 0.01699 | 0.000195 | 0.14263   | 108.8 | 2.35 | 108.6  | 1.25 | 117  | 45   | 108.6 | 1.25 | 0.183823529  |
| SDR_01_part2_115.FIN2 | 1510  | 0.08410596  | 0.0499  | 0.00055  | 0.1116 | 0.0014  | 0.01617 | 0.000165 | 0.50124   | 107.3 | 1.25 | 103.4  | 1.05 | 188  | 23.5 | 103.4 | 1.05 | 3.634669152  |
| SDR_01_part2_116.FIN2 | 652   | 0.406441718 | 0.0502  | 0.0007   | 0.1302 | 0.002   | 0.01877 | 0.000195 | 0.50053   | 124.5 | 1.8  | 119.9  | 1.25 | 191  | 28   | 119.9 | 1.25 | 3.694779116  |
| SDR_01_part2_117.FIN2 | 128   | 0.3828125   | 0.0473  | 0.0012   | 0.1133 | 0.003   | 0.01717 | 0.000165 | 0.18263   | 108.4 | 2.75 | 109.7  | 1.05 | 93   | 48.5 | 109.7 | 1.05 | -1.199261993 |
| SDR_01_part2_118.FIN2 | 603   | 0.174958541 | 0.0478  | 0.00065  | 0.1102 | 0.00165 | 0.01673 | 0.000165 | 0.4218    | 106   | 1.5  | 107    | 1.05 | 93   | 27.5 | 107   | 1.05 | -0.943396226 |
| SDR_01_part2_119.FIN2 | 261   | 0.695019157 | 0.0473  | 0.0008   | 0.1142 | 0.0019  | 0.01753 | 0.00016  | 0.28107   | 109.5 | 1.75 | 112    | 1    | 69   | 32   | 112   | 1    | -2.283105023 |
| SDR_01_part2_120.FIN2 | 216   | 0.731481481 | 0.0492  | 0.001    | 0.1115 | 0.00215 | 0.01631 | 0.000145 | 0.17145   | 107.1 | 1.95 | 104.3  | 0.9  | 155  | 39   | 104.3 | 0.9  | 2.614379085  |
| SDR_01_part2_121.FIN2 | 110.3 | 0.364460562 | 0.049   | 0.00115  | 0.1051 | 0.00245 | 0.01566 | 0.000165 | -0.038036 | 101.1 | 2.25 | 100.1  | 1.05 | 134  | 45   | 100.1 | 1.05 | 0.989119683  |
| SDR_01_part2_122.FIN2 | 212.1 | 0.627062706 | 0.0496  | 0.0008   | 0.1737 | 0.00275 | 0.02544 | 0.00018  | 0.19635   | 162.2 | 2.4  | 161.9  | 1.15 | 173  | 32   | 161.9 | 1.15 | 0.184956843  |
| SDR_01_part2_123.FIN2 | 403   | 0.833746898 | 0.0478  | 0.0006   | 0.1115 | 0.0014  | 0.01703 | 0.00013  | 0.2467    | 107.2 | 1.3  | 108.9  | 0.8  | 101  | 26   | 108.9 | 0.8  | -1.585820896 |
| SDR_01_part2_124.FIN2 | 260   | 0.477307692 | 0.0499  | 0.00085  | 0.1177 | 0.00195 | 0.01732 | 0.000125 | 0.19296   | 112.7 | 1.75 | 110.7  | 0.8  | 177  | 33.5 | 110.7 | 0.8  | 1.861702128  |
| SDR_01_part2_125.FIN2 | 1030  | 0.375728155 | 0.0525  | 0.00085  | 0.1522 | 0.00285 | 0.02108 | 0.000325 | 0.4806    | 143.8 | 2.5  | 134.4  | 2.05 | 311  | 37.5 | 134.4 | 2.05 | 6.471816284  |
| SDR_01_part2_127.FIN2 | 88.9  | 0.6287964   | 0.052   | 0.0032   | 0.125  | 0.0075  | 0.01774 | 0.00035  | 0.057948  | 118   | 6.5  | 113.4  | 2.2  | 210  | 110  | 113.4 | 2.2  | 3.898305085  |
| SDR_01_part2_128.FIN2 | 159   | 0.573584906 | 0.1039  | 0.0006   | 4.074  | 0.034   | 0.2866  | 0.002    | 0.71507   | 1646  | 7    | 1623   | 10   | 1692 | 11   | 1692  | 11   | 4.078014184  |
| SDR_01_part2_129.FIN2 | 547   | 0.431444241 | 0.0475  | 0.0006   | 0.1207 | 0.0015  | 0.01867 | 0.00016  | 0.36345   | 115.5 | 1.35 | 119.2  | 1    | 83   | 24.5 | 119.2 | 1    | -3.203463203 |
| SDR_01_part2_130.FIN2 | 57.2  | 0.368356643 | 0.0534  | 0.00215  | 0.1221 | 0.00475 | 0.01717 | 0.00031  | 0.10915   | 115.9 | 4.3  | 109.7  | 1.95 | 250  | 75   | 109.7 | 1.95 | 5.349439172  |
| SDR_01_part2_131.FIN2 | 552   | 0.104347826 | 0.05231 | 0.000405 | 0.32   | 0.00335 | 0.04366 | 0.00033  | 0.642     | 281.4 | 2.55 | 279.8  | 2.05 | 288  | 17   | 279.8 | 2.05 | 0.568585643  |
| SDR_01_part2_132.FIN2 | 114.4 | 0.661713287 | 0.0486  | 0.00115  | 0.114  | 0.00275 | 0.01708 | 0.000165 | 0.14189   | 109.2 | 2.45 | 109.1  | 1.05 | 120  | 45.5 | 109.1 | 1.05 | 0.091575092  |
| SDR_01_part2_133.FIN2 | 345.7 | 0.561180214 | 0.0494  | 0.00085  | 0.104  | 0.00185 | 0.01546 | 0.00019  | 0.46592   | 100.3 | 1.7  | 98.9   | 1.2  | 165  | 33.5 | 98.9  | 1.2  | 1.395812562  |
| SDR_01_part2_134.FIN2 | 118   | 0.484745763 | 0.0496  | 0.0013   | 0.15   | 0.0037  | 0.02219 | 0.000245 | 0.091124  | 141.2 | 3.25 | 141.5  | 1.55 | 150  | 49   | 141.5 | 1.55 | -0.212464589 |
| SDR_01_part2_135.FIN2 | 194.4 | 0.524691358 | 0.0476  | 0.001    | 0.097  | 0.002   | 0.01484 | 0.000115 | 0.14046   | 93.8  | 1.85 | 95     | 0.7  | 80   | 39.5 | 95    | 0.7  | -1.279317697 |
| SDR_01_part2_136.FIN2 | 96    | 0.907291667 | 0.0482  | 0.00125  | 0.1129 | 0.00285 | 0.0171  | 0.00014  | 0.090103  | 108.1 | 2.6  | 109.3  | 0.9  | 98   | 47.5 | 109.3 | 0.9  | -1.110083256 |
| SDR_01_part2_137.FIN2 | 173   | 0.552601156 | 0.0486  | 0.0011   | 0.1203 | 0.0026  | 0.01798 | 0.00013  | 0.10358   | 114.9 | 2.35 | 114.8  | 0.8  | 138  | 43.5 | 114.8 | 0.8  | 0.087032202  |
| SDR_01_part2_138.FIN2 | 228.7 | 0.425010931 | 0.0469  | 0.00095  | 0.1    | 0.00205 | 0.01547 | 0.00015  | 0.21352   | 96.5  | 1.9  | 98.9   | 0.95 | 73   | 39.5 | 98.9  | 0.95 | -2.487046632 |
| SDR_01_part2_139.FIN2 | 1106  | 0.078119349 | 0.04839 | 0.00044  | 0.1091 | 0.00105 | 0.01638 | 0.00012  | 0.48441   | 105   | 0.95 | 104.7  | 0.75 | 119  | 19   | 104.7 | 0.75 | 0.285714286  |
| SDR_01_part2_140.FIN2 | 119.8 | 0.458263773 | 0.048   | 0.00105  | 0.132  | 0.0028  | 0.02002 | 0.00021  | 0.18478   | 125.4 | 2.5  | 127.7  | 1.3  | 117  | 42   | 127.7 | 1.3  | -1.834130781 |

Sample Name: 503-P1

| Analysis #      | [U] ppm | Th/U        | 207/206 | 1σ error | 207/235 | 1σ error | 206/238 | 1σ error | RHO       | Age (Ma) | 1σ error | Age (Ma) | 1σ error | Age (Ma) | 1σ error | % Discordance* | Rim/Core |              |  |
|-----------------|---------|-------------|---------|----------|---------|----------|---------|----------|-----------|----------|----------|----------|----------|----------|----------|----------------|----------|--------------|--|
| 503_P1_1.FIN2   | 37.5    | 0.4752      | 0.0463  | 0.00255  | 0.0746  | 0.00385  | 0.01192 | 0.000185 | -0.032968 | 72.1     | 3.6      | 76.4     | 1.15     | -30      | 85       | 76.4           | 1.15     | -5.963938974 |  |
| 503_P1_2.FIN2   | 1318    | 0.451441578 | 0.1103  | 0.0007   | 4.941   | 0.03     | 0.3256  | 0.00235  | 0.66191   | 1809     | 5.5      | 1816     | 11.5     | 1799     | 10.5     | 1799           | 10.5     | -0.94496427  |  |
| 503_P1_3.FIN2   | 349     | 0.510888252 | 0.0483  | 0.00065  | 0.1111  | 0.0015   | 0.01669 | 0.000105 | 0.33426   | 107.2    | 1.4      | 106.7    | 0.65     | 112      | 26       | 106.7          | 0.65     | 0.46641791   |  |
| 503_P1_5.FIN2   | 413     | 0.496368039 | 0.05019 | 0.00047  | 0.2675  | 0.0027   | 0.0385  | 0.00022  | 0.35348   | 240.4    | 2.15     | 243.5    | 1.35     | 206      | 21       | 243.5          | 1.35     | -1.289517471 |  |
| 503_P1_6.FIN2   | 1488    | 0.577956989 | 0.128   | 0.00335  | 4.21    | 0.0455   | 0.247   | 0.00485  | 0.15877   | 1671     | 9        | 1417     | 25.5     | 2012     | 40       | 2012           | 40       | 29.57256461  |  |
| 503_P1_7.FIN2   | 230     | 0.522608696 | 0.0496  | 0.00105  | 0.0831  | 0.0017   | 0.01233 | 0.000125 | 0.1778    | 80.9     | 1.6      | 79       | 0.8      | 167      | 42       | 79             | 0.8      | 2.348578492  |  |
| 503_P1_8.FIN2_1 | 161.6   | 0.542079208 | 0.055   | 0.00365  | 0.123   | 0.0065   | 0.0169  | 0.0006   | -0.080964 | 118      | 6        | 108.2    | 3.8      | 340      | 130      | 108.2          | 3.8      | 8.305084746  |  |
| 503_P1_8.FIN2_2 | 259     | 2.305019305 | 0.0531  | 0.0019   | 0.15    | 0.0055   | 0.021   | 0.00049  | 0.48412   | 145      | 6        | 134      | 3.1      | 310      | 75       | 134            | 3.1      | 7.586206897  |  |
| 502_P1_9.FIN2   | 218     | 0.222663492 | 0.0724  | 0.0006   | 0.722   | 0.0024   | 0.0728  | 0.00215  | 0.06485   | 540      | 14       | 482      | 12       | 991      | 18.5     | DISC           | EVALUATE | 17.6648816   |  |
| 503_P1_10.FIN2  | 198.1   | 0.219081272 | 0.047   | 0.001    | 0.0965  | 0.0018   | 0.01517 | 0.00012  | 0.075871  | 94.3     | 1.65     | 97       | 0.75     | 56       | 39       | 97             | 0.75     | -2.863202545 |  |
| 503_P1_11.FIN2  | 183     | 0.68852459  | 0.0465  | 0.00115  | 0.0759  | 0.00185  | 0.01189 | 0.0001   | 0.19883   | 74.1     | 1.75     | 76.2     | 0.65     | 30       | 45       | 76.2           | 0.65     | -2.834008097 |  |
| 503_P1_13.FIN2  | 244.6   | 0.993458708 | 0.0487  | 0.00105  | 0.0863  | 0.00175  | 0.01281 | 0.00009  | -0.053621 | 83.8     | 1.6      | 82       | 0.55     | 134      | 41       | 82             | 0.55     | 2.14797136   |  |
| 503_P1_14.FIN2  | 672     | 0.115327381 | 0.1163  | 0.0006   | 5.229   | 0.0405   | 0.3258  | 0.0023   | 0.78398   | 1854     | 7        | 1817     | 11.5     | 1896     | 9.5      | 1896           | 9.5      | 4.166666667  |  |
| 502_P1_15.FIN2  | 455.0   | 0.204801424 | 0.1466  | 0.00005  | 1.52    | 0.0032   | 0.0752  | 0.00125  | 0.05689   | 932      | 12       | 462      | 8        | 2292     | 11.5     | DISC           | EVALUATE | 40.04640042  |  |
| 503_P1_17.FIN2  | 485     | 0.729896907 | 0.0509  | 0.0008   | 0.0884  | 0.00135  | 0.01266 | 0.00012  | 0.25129   | 85.9     | 1.25     | 81.1     | 0.75     | 213      | 32       | 81.1           | 0.75     | 5.587892899  |  |
| 503_P1_18.FIN2  | 174.2   | 0.478760046 | 0.0485  | 0.0012   | 0.0843  | 0.00205  | 0.01263 | 0.000115 | 0.021674  | 81.9     | 1.9      | 80.9     | 0.75     | 109      | 45.5     | 80.9           | 0.75     | 1.22100121   |  |
| 503_P1_19.FIN2  | 172.8   | 0.481481481 | 0.0471  | 0.0014   | 0.0782  | 0.00215  | 0.01222 | 0.00017  | 0.080106  | 76.2     | 2.05     | 78.3     | 1.1      | 50       | 55       | 78.3           | 1.1      | -2.75905512  |  |
| 503_P1_21.FIN2  | 603     | 0.399668325 | 0.0498  | 0.00065  | 0.1521  | 0.0019   | 0.02209 | 0.00014  | 0.26093   | 143.5    | 1.65     | 140.8    | 0.9      | 174      | 25.5     | 140.8          | 0.9      | 1.881533101  |  |
| 503_P1_24.FIN2  | 268     | 0.652985075 | 0.0474  | 0.0011   | 0.0879  | 0.0021   | 0.01331 | 0.0002   | 0.37396   | 85.2     | 1.95     | 85.2     | 1.3      | 83       | 43.5     | 85.2           | 1.3      | 0            |  |
| 503_P1_25.FIN2  | 181     | 1.195027624 | 0.0499  | 0.00095  | 0.151   | 0.0027   | 0.02207 | 0.00025  | 0.2611    | 142.4    | 2.35     | 140.7    | 1.55     | 171      | 36.5     | 140.7          | 1.55     | 1.193820225  |  |
| 503_P1_26.FIN2  | 12.17   | 0.994248151 | 0.0789  | 0.00145  | 2.139   | 0.038    | 0.1961  | 0.0022   | 0.27167   | 1150     | 12.5     | 1153     | 12       | 1124     | 37       | 1124           | 37       | -2.580071174 |  |
| 503_P1_27.FIN2  | 586     | 0.329351536 | 0.049   | 0.00065  | 0.1285  | 0.0016   | 0.01898 | 0.000145 | 0.27282   | 122.6    | 1.45     | 121.2    | 0.9      | 143      | 26.5     | 121.2          | 0.9      | 1.141924959  |  |
| 503_P1_28.FIN2  | 463     | 0.300215983 | 0.048   | 0.0007   | 0.1025  | 0.0015   | 0.01546 | 0.000135 | 0.18326   | 98.9     | 1.4      | 98.9     | 0.85     | 102      | 29       | 98.9           | 0.85     | 0            |  |
| 503_P1_29.FIN2  | 179     | 0.396648045 | 0.0517  | 0.00105  | 0.1498  | 0.00305  | 0.02073 | 0.000235 | 0.22251   | 141.2    | 2.7      | 132.2    | 1.45     | 268      | 41       | 132.2          | 1.45     | 6.373937677  |  |
| 503_P1_30.FIN2  | 914     | 0.1297593   | 0.1027  | 0.00055  | 3.89    | 0.025    | 0.2734  | 0.00195  | 0.67255   | 1610     | 5        | 1557     | 10       | 1668     | 10       | 1668           | 10       | 6.654676259  |  |

|                  |       |             |         |          |        |         |         |          |            |        |      |       |      |      |      |       |      |              |      |
|------------------|-------|-------------|---------|----------|--------|---------|---------|----------|------------|--------|------|-------|------|------|------|-------|------|--------------|------|
| 503_P1_31.FIN2   | 75.1  | 2.163781625 | 0.0481  | 0.0012   | 0.1595 | 0.0039  | 0.02413 | 0.000205 | 0.10344    | 149.4  | 3.45 | 153.7 | 1.3  | 106  | 48   | 153.7 | 1.3  | -2.878179384 |      |
| 503_P1_32.FIN2   | 231.4 | 1.926966292 | 0.08924 | 0.00049  | 2.559  | 0.0215  | 0.2073  | 0.0017   | 0.87015    | 1286   | 6.5  | 1213  | 9    | 1404 | 10.5 | 1404  | 10.5 | 13.6039886   |      |
| 503_P1_33.FIN2   | 358   | 0.107569832 | 0.0995  | 0.00055  | 3.344  | 0.043   | 0.2429  | 0.0032   | 0.90727    | 1490   | 16.5 | 1399  | 16.5 | 1609 | 10.5 | 1609  | 10.5 | 13.05158484  |      |
| 503_P1_34.FIN2   | 46.4  | 0.782327586 | 0.0518  | 0.0025   | 0.09   | 0.004   | 0.01293 | 0.000175 | -0.0090487 | 86.4   | 3.7  | 82.8  | 1.1  | 150  | 80   | 82.8  | 1.1  | 4.166666667  |      |
| 503_P1_35.FIN2   | 537   | 0.4283054   | 0.1038  | 0.00075  | 4.267  | 0.039   | 0.2969  | 0.000225 | 0.65615    | 1685   | 7.5  | 1675  | 11   | 1689 | 13   | 1689  | 13   | 0.828892836  |      |
| 503_P1_36.FIN2   | 116.5 | 1.306437768 | 0.0462  | 0.00135  | 0.0804 | 0.00215 | 0.01294 | 0.000135 | 0.084551   | 78.2   | 2    | 82.9  | 0.85 | 30   | 50   | 82.9  | 0.85 | -6.010230179 |      |
| 503_P1_37.FIN2   | 109.2 | 0.952380952 | 0.0485  | 0.0014   | 0.0844 | 0.0024  | 0.01258 | 0.000135 | 0.17306    | 81.9   | 2.25 | 80.6  | 0.85 | 110  | 55   | 80.6  | 0.85 | 1.587301587  |      |
| 503_P1_38.FIN2   | 441.9 | 0.360941389 | 0.1044  | 0.000465 | 4.125  | 0.029   | 0.287   | 0.00185  | 0.79224    | 1657   | 6    | 1625  | 9    | 1702 | 8    | 1702  | 8    | 4.524089307  |      |
| 503_P1_39.FIN2   | 578   | 0.724913495 | 0.0477  | 0.0006   | 0.0942 | 0.00135 | 0.01431 | 0.000115 | 0.39558    | 91.3   | 1.25 | 91.6  | 0.75 | 98   | 26.5 | 91.6  | 0.75 | -0.328587076 |      |
| 503_P1_41.FIN2   | 176   | 0.755681818 | 0.0489  | 0.00105  | 0.1098 | 0.0023  | 0.01648 | 0.000125 | 0.15405    | 106    | 2.15 | 105.4 | 0.8  | 132  | 40.5 | 105.4 | 0.8  | 0.566037736  |      |
| 503_P1_42.FIN2   | 170.5 | 0.058709677 | 0.051   | 0.0007   | 0.2435 | 0.00345 | 0.03498 | 0.00031  | 0.4357     | 220.7  | 2.85 | 221.6 | 1.95 | 226  | 28.5 | 221.6 | 1.95 | -0.40779385  |      |
| 503_P1_43.FIN2   | 829   | 0.074547648 | 0.1036  | 0.00055  | 3.624  | 0.0265  | 0.254   | 0.00165  | 0.71312    | 1552   | 5.5  | 1458  | 8.5  | 1685 | 10   | 1685  | 10   | 13.47181009  |      |
| 503_P1_44.FIN2   | 152   | 0.618421053 | 0.0474  | 0.00145  | 0.0817 | 0.0028  | 0.01262 | 0.000265 | 0.35086    | 79.9   | 2.65 | 80.8  | 1.7  | 100  | 60   | 80.8  | 1.7  | -1.12640801  |      |
| 503_P1_45.FIN2   | 536   | 1.207089552 | 0.04908 | 0.00049  | 0.1578 | 0.00165 | 0.02351 | 0.000165 | 0.46421    | 148.6  | 1.45 | 149.8 | 1.05 | 147  | 20.5 | 149.8 | 1.05 | -0.807537012 |      |
| 503_P1_46.FIN2   | 371   | 1.318059299 | 0.0485  | 0.00085  | 0.0937 | 0.00185 | 0.01407 | 0.00018  | 0.44052    | 90.8   | 1.7  | 90    | 1.15 | 136  | 36   | 90    | 1.15 | 0.881057269  |      |
| 503_P1_47.FIN2   | 750   | 0.928       | 0.05334 | 0.00045  | 0.2627 | 0.00355 | 0.03559 | 0.000435 | 0.774      | 236.2  | 2.8  | 226.1 | 2.75 | 338  | 19.5 | 226.1 | 2.75 | 4.276037257  |      |
| 503_P1_48.FIN2   | 160.1 | 0.507183011 | 0.0495  | 0.0008   | 0.2402 | 0.004   | 0.03538 | 0.00034  | 0.31532    | 217.8  | 3.3  | 224.1 | 2.1  | 165  | 32   | 224.1 | 2.1  | -2.892561983 |      |
| 503_P1_49.FIN2_1 | 453   | 0.192273731 | 0.0559  | 0.00345  | 0.111  | 0.0065  | 0.01464 | 0.00039  | 0.060638   | 107    | 6    | 93.7  | 2.5  | 410  | 130  | 93.7  | 2.5  | 12.42990654  |      |
| 503_P1_49.FIN2_2 | 139.8 | 1.401287554 | 0.0479  | 0.00085  | 0.1618 | 0.00295 | 0.0243  | 0.000195 | 0.17933    | 151.9  | 2.55 | 154.7 | 1.25 | 117  | 36   | 154.7 | 1.25 | -1.843317972 | Rim  |
| 503_P1_50.FIN2   | 172   | 0.877325581 | 0.0492  | 0.0013   | 0.0814 | 0.00195 | 0.01219 | 0.000155 | 0.13174    | 79.2   | 1.85 | 78.1  | 1    | 129  | 49.5 | 78.1  | 1    | 1.388888889  | Core |
| 503_P1_51.FIN2   | 97.8  | 1.236196319 | 0.0533  | 0.0016   | 0.0923 | 0.0027  | 0.01254 | 0.00013  | 0.051941   | 89.2   | 2.5  | 80.3  | 0.85 | 290  | 60   | 80.3  | 0.85 | 9.977578475  |      |
| 503_P1_52.FIN2   | 900   | 0.347777778 | 0.0542  | 0.00085  | 0.0942 | 0.0016  | 0.01264 | 0.000125 | 0.42176    | 91.3   | 1.45 | 81    | 0.8  | 342  | 32.5 | 81    | 0.8  | 11.28148959  |      |
| 503_P1_53.FIN2   | 171   | 0.359064327 | 0.0469  | 0.00125  | 0.0861 | 0.0022  | 0.01332 | 0.000125 | 0.148      | 83.6   | 2.05 | 85.3  | 0.8  | 58   | 48   | 85.3  | 0.8  | -2.03492823  |      |
| 503_P1_54.FIN2   | 397.3 | 0.815756355 | 0.0459  | 0.0007   | 0.0847 | 0.0013  | 0.01338 | 0.00012  | 0.32469    | 82.4   | 1.25 | 85.7  | 0.75 | 19   | 29   | 85.7  | 0.75 | -4.004854369 |      |
| 503_P1_55.FIN2   | 467.9 | 0.062833939 | 0.1034  | 0.00095  | 2.92   | 0.0385  | 0.2042  | 0.00235  | 0.74665    | 1382   | 10.5 | 1196  | 12.5 | 1683 | 16   | 1683  | 16   | 28.93642305  |      |
| 503_P1_56.FIN2   | 748   | 0.598930481 | 0.0992  | 0.00065  | 3.356  | 0.0275  | 0.2456  | 0.00205  | 0.60678    | 1492   | 6.5  | 1415  | 10.5 | 1605 | 12   | 1605  | 12   | 11.83800623  |      |
| 503_P1_57.FIN2   | 250.3 | 0.278465841 | 0.0537  | 0.001    | 0.1375 | 0.0025  | 0.01875 | 0.00019  | 0.17316    | 130.4  | 2.2  | 119.7 | 1.2  | 323  | 39.5 | 119.7 | 1.2  | 8.205521472  |      |
| 503_P1_59.FIN2   | 268   | 0.97761194  | 0.0475  | 0.00065  | 0.1587 | 0.00215 | 0.0241  | 0.000165 | 0.20158    | 149.3  | 1.9  | 153.5 | 1.05 | 97   | 27.5 | 153.5 | 1.05 | -2.81312793  |      |
| 503_P1_60.FIN2   | 74.6  | 0.352010724 | 0.0474  | 0.00135  | 0.1231 | 0.00345 | 0.01929 | 0.000325 | 0.22794    | 117.9  | 3.2  | 123.1 | 2.05 | 90   | 55   | 123.1 | 2.05 | -4.410517388 |      |
| 503_P1_61.FIN2   | 648   | 0.447530864 | 0.0477  | 0.0006   | 0.107  | 0.00135 | 0.01641 | 0.000175 | 0.41143    | 103.1  | 1.25 | 104.9 | 1.1  | 92   | 25.5 | 104.9 | 1.1  | -1.745877789 |      |
| 503_P1_62.FIN2   | 149.3 | 0.471533825 | 0.0465  | 0.0012   | 0.08   | 0.002   | 0.01254 | 0.000175 | 0.25669    | 77.9   | 1.9  | 80.3  | 1.1  | 39   | 47   | 80.3  | 1.1  | -3.080872914 |      |
| 503_P1_63.FIN2   | 930   | 0.444623656 | 0.04766 | 0.000475 | 0.0826 | 0.0009  | 0.01259 | 0.000095 | 0.47777    | 80.5   | 0.85 | 80.7  | 0.6  | 89   | 20.5 | 80.7  | 0.6  | -0.248447205 |      |
| 503_P1_64.FIN2   | 120.3 | 2.072319202 | 0.0486  | 0.00125  | 0.0879 | 0.0022  | 0.01324 | 0.000185 | 0.25398    | 85.2   | 2.05 | 84.7  | 1.2  | 123  | 47.5 | 84.7  | 1.2  | 0.58685446   |      |
| 503_P1_65.FIN2   | 72.3  | 0.821576763 | 0.0577  | 0.002    | 0.177  | 0.0055  | 0.02214 | 0.00027  | -0.14483   | 164.6  | 4.8  | 141.2 | 1.7  | 470  | 75   | 141.2 | 1.7  | 14.162819    |      |
| 503_P1_66.FIN2   | 6.85  | 1.091970803 | 0.069   | 0.0075   | 0.213  | 0.02    | 0.0238  | 0.00065  | 0.23618    | 177    | 16   | 151.4 | 4.1  | 250  | 165  | 151.4 | 4.1  | 14.46327684  |      |
| 503_P1_67.FIN2   | 589   | 0.192023074 | 0.1042  | 0.00065  | 4.628  | 0.04    | 0.3243  | 0.00295  | 0.79184    | 1750   | 7.5  | 1808  | 14.5 | 1696 | 12   | 1696  | 12   | -6.603773585 |      |
| 503_P1_68.FIN2   | 409   | 1.068459658 | 0.0482  | 0.0008   | 0.0851 | 0.0015  | 0.01286 | 0.000155 | 0.37677    | 82.8   | 1.45 | 82.3  | 0.95 | 119  | 33.5 | 82.3  | 0.95 | 0.603864734  |      |
| 503_P1_69.FIN2   | 156.3 | 0.479206654 | 0.1007  | 0.00065  | 3.941  | 0.028   | 0.2856  | 0.00185  | 0.59484    | 1622   | 5.5  | 1619  | 9.5  | 1630 | 11.5 | 1630  | 11.5 | 0.674846626  |      |
| 503_P1_70.FIN2   | 9.09  | 1.426842684 | 0.0507  | 0.00455  | 0.144  | 0.012   | 0.0231  | 0.00055  | -0.046278  | 134    | 10.5 | 147.1 | 3.55 | -50  | 135  | 147.1 | 3.55 | -9.776119403 |      |
| 503_P1_71.FIN2   | 386   | 0.162953368 | 0.1022  | 0.00065  | 3.195  | 0.0375  | 0.2283  | 0.0026   | 0.85773    | 1451   | 9    | 1324  | 13.5 | 1659 | 11.5 | 1659  | 11.5 | 20.9288728   |      |
| 503_P1_72.FIN2   | 245   | 0.385306122 | 0.0466  | 0.0009   | 0.1154 | 0.00205 | 0.01829 | 0.00018  | 0.15888    | 110.7  | 1.85 | 116.8 | 1.15 | 42   | 35.5 | 116.8 | 1.15 | -5.510388437 |      |
| 503_P1_73.FIN2   | 1149  | 0.18102698  | 0.1038  | 0.0007   | 3.784  | 0.0275  | 0.2636  | 0.00205  | 0.46046    | 1587   | 6    | 1507  | 10.5 | 1687 | 12.5 | 1687  | 12.5 | 10.6698281   |      |
| 503_P1_74.FIN2_1 | 247   | 0.189878543 | 0.0916  | 0.0013   | 2.94   | 0.065   | 0.02345 | 0.00446  | 0.80779    | 1384   | 17.5 | 1356  | 24   | 1448 | 26.5 | 1448  | 26.5 | 6.35359116   | Rim  |
| 503_P1_74.FIN2_2 | 590   | 0.065423729 | 0.1016  | 0.0007   | 4.035  | 0.0355  | 0.2881  | 0.0023   | 0.66149    | 1639   | 7    | 1631  | 11.5 | 1649 | 12.5 | 1649  | 12.5 | 1.091570649  | Core |
| 503_P1_75.FIN2_1 | 384   | 0.090104167 | 0.0892  | 0.0007   | 3.105  | 0.0375  | 0.2542  | 0.0029   | 0.75321    | 1431   | 9.5  | 1459  | 15   | 1405 | 15.5 | 1405  | 15.5 | -3.84341637  | Core |
| 503_P1_75.FIN2_2 | 72.8  | 0.593406593 | 0.1028  | 0.001    | 4.364  | 0.0425  | 0.3084  | 0.00295  | 0.4868     | 1703   | 8    | 1732  | 14.5 | 1674 | 19   | 1674  | 19   | -3.464755078 | Core |
| 503_P1_77.FIN2   | 282   | 0.472695035 | 0.0495  | 0.00105  | 0.0868 | 0.00175 | 0.01286 | 0.000135 | 0.19424    | 84.3   | 1.65 | 82.4  | 0.85 | 153  | 41   | 82.4  | 0.85 | 2.253855279  |      |
| 503_P1_79.FIN2   | 979   | 0.185903984 | 0.10263 | 0.00035  | 4.098  | 0.019   | 0.2894  | 0.00135  | 0.74517    | 1652.9 | 3.8  | 1638  | 6.5  | 1670 | 6.5  | 1670  | 6.5  | 1.916167665  |      |
| 503_P1_80.FIN2   | 386   | 0.769430052 | 0.0477  | 0.0009   | 0.0833 | 0.00165 | 0.01275 | 0.00015  | 0.44817    | 81.4   | 1.6  | 81.7  | 0.95 | 94   | 37   | 81.7  | 0.95 | -0.368550369 |      |
| 503_P1_81.FIN2_1 | 105.7 | 0.456007569 | 0.0516  | 0.0033   | 0.0817 | 0.0046  | 0.01217 | 0.000305 | -0.098262  | 81.1   | 4.6  | 78    | 1.95 | 180  | 115  | 78    | 1.95 | 3.82244414   | Rim  |
| 503_P1_81.FIN2_2 | 271   | 0.473854147 | 0.0025  | 0.0000   | 1.144  | 0.026   | 0.01465 | 0.75023  | 1003       | 0      | 866  | 0.5   | 1573 | DISC | DISC | DISC  | DISC | DISC         | DISC |
| 503_P1_83.FIN2   | 150.3 | 0.333998669 | 0.0546  | 0.00285  | 0.108  | 0.006   | 0.01437 | 0.00034  | 0.40351    | 103    | 5.5  | 92    | 2.15 | 330  | 105  | 92    | 2.15 | 10.67961165  |      |
| 503_P1_84.FIN2   | 396   | 1.189393939 | 0.0482  | 0.00075  | 0.1556 | 0.0025  | 0.02346 | 0.000215 | 0.34727    | 146.6  | 2.2  | 149.5 | 1.35 | 118  | 32.5 | 149.5 | 1.35 | -1.97871896  |      |
| 503_P1_85.FIN2   | 451   | 0.162084257 | 0.1095  | 0.00105  | 4.9    | 0.05    | 0.3234  | 0.00365  | 0.54037    | 1796   | 8.5  | 1803  | 17.5 | 1780 | 18   | 1780  | 18   | -1.292134831 |      |
| 503_P1_86.FIN2   | 597   | 0.137018425 | 0.1095  | 0.00145  | 4.39   | 0.075   | 0.2921  | 0.00475  | 0.68131    | 1694   | 14.5 | 1645  | 23.5 | 1768 | 24   | 1768  | 24   | 6.957013575  |      |
| 503_P1_87.FIN2   | 771   | 0.052140078 | 0.1098  | 0.00095  | 4.175  | 0.0475  | 0.2737  | 0.00305  | 0.70446    | 1665   | 9    | 1557  | 15.5 | 1788 | 15.5 | 1788  | 15.5 | 12.91946309  |      |
| 503_P1_88.FIN2   | 99.1  | 1.219979818 | 0.0488  | 0.0011   | 0.1614 | 0.0035  | 0.02378 | 0.000235 | 0.048183   | 151.9  | 3.1  | 151.5 | 1.5  | 152  | 45   | 151.5 | 1.5  | 0.263331139  |      |
| 503_P1_90.FIN2   | 84    | 0.672610048 | 0.1647  | 0.0044   | 0.532  | 0.014   | 0.0242  | 0.0008   | 0.5784     | 420    | 0    | 152   | 5    | 2415 | 46   | DISC  | DISC |              |      |

|                   |       |             |        |         |        |         |         |          |          |       |      |       |      |      |      |       |         |              |          |
|-------------------|-------|-------------|--------|---------|--------|---------|---------|----------|----------|-------|------|-------|------|------|------|-------|---------|--------------|----------|
| 503_P1_111.FIN2   | 1471  | 0.256968049 | 0.0494 | 0.0007  | 0.0883 | 0.0014  | 0.01332 | 0.00021  | 0.57271  | 85.8  | 1.3  | 85.3  | 1.35 | 162  | 28   | 85.3  | 1.35    | 0.582750583  |          |
| 503_P1_112.FIN2   | 236   | 0.502966102 | 0.0477 | 0.0009  | 0.1333 | 0.00255 | 0.02078 | 0.00026  | 0.28568  | 126.7 | 2.25 | 132.6 | 1.65 | 85   | 36   | 132.6 | 1.65    | -4.65669298  |          |
| 503_P1_113.FIN2   | 1263  | 0.345209818 | 0.0561 | 0.0007  | 0.1193 | 0.0015  | 0.01566 | 0.00016  | 0.46186  | 114.3 | 1.35 | 100.2 | 1    | 434  | 26   | 100.2 | 1       | 12.3359801   |          |
| 503_P1_114.FIN2   | 246   | 0.638617886 | 0.0468 | 0.0009  | 0.0869 | 0.00165 | 0.01368 | 0.00014  | 0.19311  | 84.5  | 1.55 | 87.6  | 0.9  | 50   | 36.5 | 87.6  | 0.9     | -3.668639053 |          |
| 503_P1_115.FIN2   | 216   | 0.394907407 | 0.0885 | 0.0008  | 0.2937 | 0.0385  | 0.244   | 0.00305  | 0.77103  | 1387  | 9.5  | 1408  | 15.5 | 1378 | 17   | 1378  | 17      | -2.177068215 |          |
| 503_P1_116.FIN2   | 357   | 0.219607843 | 0.0474 | 0.00085 | 0.0781 | 0.0013  | 0.01213 | 0.000125 | 0.22773  | 76.3  | 1.25 | 77.7  | 0.8  | 75   | 33.5 | 77.7  | 0.8     | -1.834862385 |          |
| 503_P1_117.FIN2_1 | 504   | 0.531746032 | 0.0462 | 0.00125 | 0.0838 | 0.00245 | 0.01339 | 0.00026  | 0.41677  | 81.5  | 2.3  | 85.7  | 1.65 | 30   | 50   | 85.7  | 1.65    | -5.153374233 |          |
| 503_P1_117.FIN2_2 | 261   | 0.501915709 | 0.0499 | 0.00155 | 0.1309 | 0.0036  | 0.01877 | 0.000425 | 0.36651  | 124.7 | 3.2  | 121.2 | 2.95 | 180  | 60   | 121.2 | 2.95    | 2.806736167  |          |
| 503_P1_118.FIN2   | 231.8 | 0.547886109 | 0.0501 | 0.00105 | 0.1716 | 0.00345 | 0.0252  | 0.0004   | 0.35914  | 161.6 | 3.15 | 160.4 | 2.5  | 188  | 42.5 | 160.4 | 2.5     | 0.742574257  |          |
| 503_P1_119.FIN2   | 445   | 0.649438202 | 0.0499 | 0.00085 | 0.1206 | 0.0017  | 0.01777 | 0.000195 | 0.043983 | 115.4 | 1.55 | 113.5 | 1.25 | 183  | 34.5 | 113.5 | 1.25    | 1.64644714   |          |
| 503_P1_120.FIN2   | 196   | 0.443877551 | 0.0493 | 0.00095 | 0.1337 | 0.00255 | 0.01972 | 0.00022  | 0.16549  | 127   | 2.25 | 125.9 | 1.4  | 166  | 39   | 125.9 | 1.4     | 0.86614732   |          |
| 503_P1_121.FIN2   | 563   | 1.101243339 | 0.046  | 0.00075 | 0.078  | 0.00135 | 0.01224 | 0.0001   | 0.29038  | 76.2  | 1.25 | 78.4  | 0.65 | 27   | 31   | 78.4  | 0.65    | -2.887139108 |          |
| 503_P1_123.FIN2   | 780   | 0.229487179 | 0.0547 | 0.00075 | 0.2934 | 0.0038  | 0.0393  | 0.0005   | 0.43232  | 260.6 | 2.95 | 248.2 | 3.15 | 375  | 30   | 248.2 | 3.15    | 4.758250192  |          |
| 503_P1_124.FIN2   | 261.1 | 1.055151283 | 0.0476 | 0.00095 | 0.0789 | 0.00155 | 0.01198 | 0.0001   | 0.201    | 77.3  | 1.45 | 76.8  | 0.65 | 90   | 37.5 | 76.8  | 0.65    | 0.64683053   |          |
| 503_P1_125.FIN2   | 202   | 0.688118812 | 0.0502 | 0.00085 | 0.1487 | 0.0028  | 0.02146 | 0.000305 | 0.49689  | 140.3 | 2.5  | 136.8 | 1.95 | 190  | 33   | 136.8 | 1.95    | 2.494654312  |          |
| 502_P1_127.FIN2_1 | 11-26 | 0.856127886 | 0.0802 | 0.00155 | 0.58   | 0.0205  | 0.0521  | 0.0014   | 0.15881  | 451   | 10   | 222   | 8.5  | 080  | 110  | DISC  | #VALUE! | 26.16407082  | Rim Core |
| 502_P1_127.FIN2_2 | 141-1 | 1.344426557 | 0.0057 | 0.00165 | 2.088  | 0.02    | 0.1588  | 0.00255  | 0.20070  | 1144  | 10   | 050   | 14   | 1522 | 22   | DISC  | #VALUE! | 28.02000652  |          |
| 503_P1_128.FIN2   | 132   | 0.407575758 | 0.104  | 0.0017  | 3.45   | 0.09    | 0.237   | 0.006    | 0.76373  | 1510  | 21.5 | 1369  | 31   | 1704 | 34.5 | 1704  | 34.5    | 19.65962441  |          |
| 503_P1_129.FIN2   | 140   | 0.935714286 | 0.047  | 0.001   | 0.1586 | 0.0033  | 0.02438 | 0.00024  | 0.23561  | 148.8 | 2.9  | 155.3 | 1.5  | 69   | 39   | 155.3 | 1.5     | -4.36827957  |          |
| 503_P1_131.FIN2   | 404   | 1.353960396 | 0.0547 | 0.0012  | 0.0932 | 0.00185 | 0.01255 | 0.000175 | 0.23327  | 90.3  | 1.7  | 80.4  | 1.1  | 341  | 44   | 80.4  | 1.1     | 10.96345515  |          |
| 503_P1_132.FIN2   | 286.6 | 2.142358688 | 0.0498 | 0.00075 | 0.16   | 0.0022  | 0.02335 | 0.000155 | 0.074062 | 150.4 | 1.9  | 148.8 | 1    | 176  | 30   | 148.8 | 1       | 1.063829787  |          |
| 503_P1_134.FIN2   | 708   | 0.960451977 | 0.1083 | 0.00055 | 4.595  | 0.0405  | 0.3072  | 0.00265  | 0.84059  | 1746  | 7.5  | 1732  | 13   | 1766 | 9    | 1766  | 9       | 1.925254813  |          |
| 503_P1_135.FIN2   | 472   | 0.29279661  | 0.0486 | 0.0009  | 0.0977 | 0.00175 | 0.01471 | 0.00018  | 0.30346  | 94.5  | 1.65 | 94.1  | 1.15 | 127  | 37   | 94.1  | 1.15    | 0.423280423  |          |
| 503_P1_136.FIN2   | 81    | 0.714814815 | 0.0472 | 0.00135 | 0.165  | 0.005   | 0.0256  | 0.00055  | 0.3513   | 153.2 | 4.45 | 163   | 3.4  | 80   | 55   | 163   | 3.4     | -6.396866841 |          |
| 503_P1_137.FIN2   | 616   | 0.522727273 | 0.0501 | 0.00085 | 0.0924 | 0.0016  | 0.01332 | 0.000135 | 0.36934  | 89.6  | 1.5  | 85.3  | 0.85 | 193  | 34.5 | 85.3  | 0.85    | 4.799107143  |          |
| 503_P1_138.FIN2   | 203.7 | 0.786450663 | 0.047  | 0.00075 | 0.1483 | 0.0026  | 0.02305 | 0.000265 | 0.44218  | 140   | 2.3  | 146.9 | 1.7  | 69   | 31.5 | 146.9 | 1.7     | -4.928571429 |          |
| 503_P1_139.FIN2   | 595   | 0.381848739 | 0.0483 | 0.0009  | 0.0809 | 0.0016  | 0.01241 | 0.00017  | 0.55902  | 78.8  | 1.5  | 79.5  | 1.1  | 107  | 34.5 | 79.5  | 1.1     | -0.888324873 |          |
| 503_P1_140.FIN2   | 800   | 0.89375     | 0.0483 | 0.0006  | 0.1564 | 0.0023  | 0.02334 | 0.00029  | 0.58117  | 147.2 | 2    | 148.7 | 1.8  | 120  | 26   | 148.7 | 1.8     | -1.019021739 |          |

Sample Name: H5-P1

| Analysis #      | [U] ppm | Th/U        | 207/206 | 1σ error | 207/235 | 1σ error | 206/238 | 1σ error | RHO        | Age (Ma) | 1σ error | Age (Ma) | 1σ error | Age (Ma) | 1σ error | Age (Ma) | 1σ error | % Discordance* | Rim/Core |
|-----------------|---------|-------------|---------|----------|---------|----------|---------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|----------|
| H5_P1_1.FIN2    | 713     | 0.47545582  | 0.05484 | 0.00036  | 0.4759  | 0.00465  | 0.0625  | 0.000475 | 0.72785    | 394.7    | 3.2      | 390.7    | 2.9      | 403      | 15       | 390.7    | 2.9      | 1.01342792     |          |
| H5_P1_2.FIN2    | 460     | 0.619565217 | 0.0519  | 0.00085  | 0.1424  | 0.00245  | 0.01997 | 0.000315 | 0.46384    | 134.8    | 2.15     | 127.4    | 2        | 272      | 34.5     | 127.4    | 2        | 5.489614243    |          |
| H5_P1_3.FIN2    | 2480    | 0.210080645 | 0.04886 | 0.000425 | 0.0814  | 0.00085  | 0.01206 | 0.000095 | 0.52374    | 79.4     | 0.8      | 77.2     | 0.6      | 140      | 18.5     | 77.2     | 0.6      | 2.770780856    |          |
| H5_P1_4.FIN2    | 2110    | 0.164454976 | 0.0532  | 0.00095  | 0.152   | 0.00295  | 0.02053 | 0.000305 | 0.30484    | 143.5    | 2.6      | 131      | 1.95     | 322      | 39       | 131      | 1.95     | 8.71801394     |          |
| H5_P1_5.FIN2    | 185.4   | 0.576591154 | 0.0472  | 0.00105  | 0.124   | 0.00275  | 0.01927 | 0.00029  | 0.39124    | 118.3    | 2.45     | 123      | 1.8      | 75       | 42       | 123      | 1.8      | -3.972950127   |          |
| H5_P1_6.FIN2    | 562     | 0.738434164 | 0.054   | 0.00075  | 0.1496  | 0.0022   | 0.01993 | 0.000195 | 0.47577    | 142.3    | 2.05     | 127.2    | 1.25     | 364      | 29.5     | 127.2    | 1.25     | 10.6113844     |          |
| H5_P1_7.FIN2    | 291     | 0.64604811  | 0.0517  | 0.0008   | 0.1401  | 0.00245  | 0.01937 | 0.000155 | 0.40353    | 132.8    | 2.2      | 123.6    | 1        | 257      | 33.5     | 123.6    | 1        | 6.927710843    |          |
| H5_P1_8.FIN2_1  | 325     | 0.018153846 | 0.0545  | 0.0016   | 0.15    | 0.006    | 0.0202  | 0.00075  | 0.69468    | 140      | 5.5      | 129      | 4.75     | 340      | 60       | 129      | 4.75     | 7.857142857    |          |
| H5_P1_8.FIN2_2  | 100-0   | 0.180064726 | 0.075   | 0.00185  | 0.705   | 0.021    | 0.0682  | 0.0002   | 0.60017    | 520      | 12.5     | 425      | 12       | 1040     | 50       | DISC     | #VALUE!  | 21.15027820    | Rim Core |
| H5_P1_9.FIN2    | 384     | 0.645833333 | 0.0489  | 0.00075  | 0.0962  | 0.00155  | 0.01421 | 0.000125 | 0.42551    | 93.4     | 1.5      | 91.2     | 0.8      | 140      | 30.5     | 91.2     | 0.8      | 2.355460385    |          |
| H5_P1_10.FIN2   | 582     | 0.422680412 | 0.0496  | 0.0007   | 0.1166  | 0.00185  | 0.01709 | 0.00021  | 0.50049    | 111.8    | 1.7      | 109.2    | 1.35     | 169      | 29       | 109.2    | 1.35     | 2.325581395    |          |
| H5_P1_11.FIN2   | 1014    | 0.430966469 | 0.0489  | 0.00055  | 0.1136  | 0.00145  | 0.01677 | 0.000195 | 0.54969    | 109.2    | 1.3      | 107.2    | 1.25     | 141      | 23       | 107.2    | 1.25     | 1.831501832    |          |
| H5_P1_12.FIN2   | 152.3   | 0.46093237  | 0.0543  | 0.00115  | 0.2127  | 0.00475  | 0.02832 | 0.00028  | 0.38377    | 195.1    | 3.95     | 180      | 1.75     | 369      | 46       | 180      | 1.75     | 7.739620707    |          |
| H5_P1_13.FIN2   | 177.1   | 0.587803501 | 0.0467  | 0.001    | 0.103   | 0.0019   | 0.01593 | 0.00013  | -0.14447   | 99.8     | 1.7      | 101.9    | 0.85     | 61       | 40.5     | 101.9    | 0.85     | -2.104208417   |          |
| H5_P1_14.FIN2   | 684     | 0.142251462 | 0.104   | 0.0005   | 4.329   | 0.0275   | 0.3003  | 0.00175  | 0.66642    | 1697     | 5        | 1694     | 9        | 1692     | 9        | 1692     | 9        | -0.11820331    |          |
| H5_P1_15.FIN2   | 148     | 0.266216216 | 0.0492  | 0.00125  | 0.1217  | 0.00285  | 0.01836 | 0.000255 | 0.14407    | 116.1    | 2.55     | 117.2    | 1.65     | 134      | 48.5     | 117.2    | 1.65     | -0.947459087   |          |
| H5_P1_16.FIN2   | 618     | 0.286569579 | 0.0493  | 0.0007   | 0.1106  | 0.00155  | 0.0162  | 0.00013  | 0.086822   | 106.4    | 1.45     | 103.6    | 0.85     | 159      | 29.5     | 103.6    | 0.85     | 2.631578947    |          |
| H5_P1_17.FIN2   | 672     | 0.611607143 | 0.0483  | 0.00055  | 0.125   | 0.0014   | 0.01875 | 0.000145 | 0.2849     | 119.4    | 1.25     | 119.7    | 0.9      | 120      | 23       | 119.7    | 0.9      | -0.251256281   |          |
| H5_P1_18.FIN2   | 433     | 0.579676674 | 0.0527  | 0.0009   | 0.1392  | 0.00245  | 0.01914 | 0.00014  | 0.27143    | 132      | 2.15     | 122.2    | 0.9      | 293      | 34.5     | 122.2    | 0.9      | 7.424242424    |          |
| H5_P1_19.FIN2   | 76      | 0.486842105 | 0.0488  | 0.00135  | 0.116   | 0.0032   | 0.01739 | 0.00021  | 0.21821    | 110.8    | 2.9      | 111.1    | 1.35     | 120      | 50       | 111.1    | 1.35     | -0.270758123   |          |
| H5_P1_20.FIN2   | 1616    | 0.458539604 | 0.04903 | 0.000455 | 0.1113  | 0.00115  | 0.01645 | 0.000135 | 0.52803    | 107.1    | 1.05     | 105.2    | 0.85     | 152      | 20       | 105.2    | 0.85     | 1.774042951    |          |
| H5_P1_21.FIN2   | 225     | 0.641777778 | 0.0631  | 0.00075  | 0.666   | 0.01     | 0.0765  | 0.00115  | 0.66016    | 518      | 6.5      | 474      | 7        | 699      | 26.5     | 474      | 7        | 8.944020849    |          |
| H5_P1_22.FIN2   | 248     | 0.192741935 | 0.0474  | 0.001    | 0.1158  | 0.00255  | 0.01786 | 0.00024  | 0.36973    | 110.8    | 2.3      | 114.1    | 1.5      | 78       | 39.5     | 114.1    | 1.5      | -2.97833935    |          |
| H5_P1_23.FIN2   | 752     | 0.319414894 | 0.0493  | 0.00065  | 0.131   | 0.00175  | 0.01949 | 0.00023  | 0.56343    | 125.3    | 1.65     | 124.4    | 1.45     | 155      | 26.5     | 124.4    | 1.45     | 0.718276137    |          |
| H5_P1_24.FIN2   | 180     | 0.489444444 | 0.0483  | 0.00115  | 0.1031  | 0.00235  | 0.0154  | 0.00012  | -0.0028803 | 99.3     | 2.15     | 98.5     | 0.75     | 100      | 43.5     | 98.5     | 0.75     | 0.805639476    |          |
| H5_P1_25.FIN2   | 1020    | 0.160490196 | 0.0534  | 0.0008   | 0.113   | 0.0018   | 0.01525 | 0.00016  | 0.47842    | 108.5    | 1.6      | 97.6     | 1.05     | 320      | 31       | 97.6     | 1.05     | 10.04608295    |          |
| H5_P1_26.FIN2   | 504     | 0.219047619 | 0.0464  | 0.0007   | 0.0985  | 0.0014   | 0.01557 | 0.000185 | 0.37752    | 95.2     | 1.3      | 99.6     | 1.15     | 51       | 30       | 99.6     | 1.15     | -4.621848739   |          |
| H5_P1_27.FIN2   | 945     | 0.602116402 | 0.0498  | 0.00055  | 0.1397  | 0.0016   | 0.02049 | 0.000225 | 0.49249    | 132.6    | 1.4      | 130.7    | 1.4      | 177      | 24       | 130.7    | 1.4      | 1.432880845    |          |
| H5_P1_28.FIN2   | 306     | 0.617647059 | 0.0474  | 0.0009   | 0.1338  | 0.0026   | 0.02028 | 0.00029  | 0.35858    | 127.1    | 2.35     | 129.4    | 1.85     | 74       | 35.5     | 129.4    | 1.85     | -1.809598741   |          |
| H5_P1_29.FIN2   | 246     | 0.26300813  | 0.0487  | 0.0015   | 0.104   | 0.00335  | 0.01553 | 0.00027  | 0.27355    | 100.1    | 3.05     | 99.4     | 1.7      | 130      | 60       | 99.4     | 1.7      | 0.699300699    |          |
| H5_P1_30.FIN2   | 337     | 0.164391691 | 0.0492  | 0.0009   | 0.1091  | 0.0022   | 0.01063 | 0.000175 | 0.41802    | 104.8    | 2        | 102.5    | 1.1      | 150      | 36.5     | 102.5    | 1.1      | 2.194656489    |          |
| H5_P1_31.FIN2   | 1258    | 0.20127186  | 0.1090  | 0.00185  | 2.05    | 0.05     | 0.1902  | 0.0002   | 0.41702    | 440      | 12.5     | 440      | 18       | 1762     | 28       | DISC     | #VALUE!  | 22.84262110    |          |
| H5_P1_32.FIN2_1 | 610     | 0.128360656 | 0.0495  | 0.00095  | 0.1077  | 0.0024   | 0.01574 | 0.00029  | 0.60514    | 103.5    | 2.15     | 100.7    | 1.85     | 157      | 37.5     | 100.7    | 1.85     | 2.70531401     |          |
| H5_P1_32.FIN2_2 | 930     | 0.128602151 | 0.0513  | 0.001    | 0.1703  | 0.0036   | 0.0238  | 0.0006   | 0.69265    | 159.6    | 3.1      | 151.7    | 3.65     | 244      | 42       | 151.7    | 3.65     | 4.949874687    | Rim Core |
| H5_P1_33.FIN2   | 529     | 0.27088469  | 0.0506  | 0.0007   | 0.1102  | 0.0016   | 0.01558 | 0.000135 | 0.33355    | 105.9    | 1.5      | 99.6     | 0.85     | 215      | 30       | 99.6     | 0.85     | 5.949008499    |          |
| H5_P1_34.FIN2   | 191     | 0.559685864 | 0.1074  | 0.001    | 4.18    | 0.065    | 0.27598 | 0.004455 | 0.87632    | 1663     | 14       | 1590     | 22.5     | 1746     | 17       | 1746     | 17       | 8.934707904    |          |
| H5_P1_35.FIN2   | 217     | 0.103410138 | 0.0501  | 0.00085  | 0.1757  | 0.0029   | 0.02541 | 0.000275 | 0.25217    | 164.5    | 2.55     | 161.7    | 1.75     | 183      | 34.5     | 161.7    | 1.75     | 1.70212766     |          |
| H5_P1_37.FIN2   | 352     | 0.664772727 | 0.0493  | 0.0007   | 0.1215  | 0.0017   | 0.01784 | 0.00015  | 0.3517     | 116.7    | 1.6      | 114      | 0.95     | 157      | 29       | 114      | 0.95     | 2.313624679    |          |
| H5_P1_38.FIN2   | 2110    | 0.090758294 | 0.0485  | 0.0008   | 0.12    | 0.00195  | 0.01799 | 0.00032  | 0.50554    | 114.8    | 1.75     | 114.9    | 2.05     | 119      | 31.5     | 114.9    | 2.05     | -0.087108014   |          |
| H5_P1_39.FIN2_1 | 710     | 0.083802817 | 0.0504  | 0.00175  | 0.087   | 0.0055   | 0.0126  | 0.0008   | 0.82881    | 85       | 5        | 81       | 5        | 200      | 70       | 81       | 5        | 4.705882353    | Rim Core |
| H5_P1_39.FIN2_2 | 604     | 0.176324503 | 0.1104  | 0.00155  | 3.66    | 0.065    | 0.2352  | 0.0037   | 0.58148    | 1558     | 13.5     | 1359     | 19.5     | 1799     | 27.5     | 1799     | 27.5     | 24.45803224    |          |
| H5_P1_40.FIN2   | 1516    | 0.005098945 | 0.0498  | 0.0009   | 0.1417  | 0.0037   | 0.0205  | 0.00046  | 0.74558    | 134.3    | 3.3      | 130.8    | 2.9      | 181      | 37.5     | 130.8    | 2.9      | 2.606105733    |          |
| H5_P1_41.FIN2   | 1018    | 0.149312377 | 0.0479  | 0.0006   | 0.101   | 0.00135  | 0.01518 | 0.00013  | 0.38798    | 111.6    | 1.25     | 97.1     | 0.8      | 99       | 26       | 97.1     | 0.8      | 0.512295082    |          |
| H5_P1_42.FIN2   | 343     | 0.33819242  | 0.0471  | 0.00095  | 0.116   | 0.00235  | 0.01781 | 0.000235 | 0.36509    | 97.1     | 2.15     | 113.8    | 1.5      | 72       | 37.5     | 113.8    | 1.5      | -2.430243024   |          |
| H5_P1_43.FIN2   | 1497    | 0.206412826 | 0.0494  | 0.00065  | 0.1057  | 0.0016   | 0.01543 | 0.000235 | 0.59751    | 101.8    | 1.45     | 98.7     | 1.5      | 178      | 28.5     | 98.7     | 1.5      | 3.04518664     |          |
| H5_P1_44.FIN2   | 751     | 0.116910786 | 0.0484  | 0.0007   | 0.1009  | 0.01555  | 0.01502 | 0.000175 | 0.4323     | 97.5     | 1.4      | 96.1     | 1.1      | 127      | 29.5     | 96.1     | 1.1      | 1.435897436    |          |
| H5_P1_45.FIN2   | 715     | 0.314685315 | 0.0479  | 0.0006   | 0.0981  | 0.0125   | 0.01477 | 0.00012  | 0.3145     | 94.9     | 1.15     | 94.5     | 0.75     | 105      | 25.5     | 94.5     | 0.75     | 0.421496312    |          |
| H5_P1_46.FIN2   | 187.1   | 0.574024586 | 0.0498  | 0.0011   | 0.1266  | 0.0027   | 0.01868 | 0.00027  | 0.44566    | 121.4    | 2.5      | 119.3    | 1.7      | 183      | 43       | 119.3    | 1.7      | 1.729818781    |          |
| H5_P1_47.FIN2   | 1142    | 0.677758319 | 0.0487  | 0.0006   | 0.0883  | 0.0115   | 0.01315 | 0.000155 | 0.47767    | 85.8     | 1.1      | 84.2     | 1        | 135      | 25       | 84.2     | 1        | 1.864801865    |          |
| H5_P1_48.FIN2   | 367     | 0.341416894 | 0.05    | 0.00085  | 0.1061  | 0.0165   | 0.01561 | 0.000155 | 0.28141    | 102.2    | 1.5      | 99.9     | 0.95     | 181      | 33       | 99.9     | 0.95     | 2.250489237    |          |
| H5_P1_49.FIN2   | 57.4    | 1.297099408 | 0.0622  | 0.001    | 0.95    | 0.015    | 0.1114  | 0.00115  | 0.36758    | 675      | 8        | 680      | 6.5      | 636      | 34       | 680      | 6.5      | -0.740740741   |          |
| H5_P1_50.FIN2   | 143.6   | 0.412952646 | 0.0498  | 0.00105  | 0.1173  | 0.0026   | 0.01717 | 0.000185 | 0.37746    | 112.8    | 2.4      | 109.7    | 1.15     | 168      | 41       | 109.7    | 1.15     | 2.74822695     |          |

|                  |       |             |         |          |          |          |         |          |          |       |      |       |       |      |      |       |             |              |
|------------------|-------|-------------|---------|----------|----------|----------|---------|----------|----------|-------|------|-------|-------|------|------|-------|-------------|--------------|
| H5_P1_51.FIN2    | 500   | 0.318       | 0.0492  | 0.0008   | 0.1011   | 0.00165  | 0.01505 | 0.000145 | 0.37804  | 97.6  | 1.5  | 96.3  | 0.9   | 150  | 31.5 | 96.3  | 0.9         | 1.331967213  |
| H5_P1_52.FIN2    | 334   | 0.286826347 | 0.0536  | 0.0011   | 0.1318   | 0.0027   | 0.01795 | 0.000255 | 0.39626  | 125.3 | 2.4  | 114.6 | 1.6   | 316  | 41   | 114.6 | 1.6         | 8.539505188  |
| H5_P1_53.FIN2    | 384   | 0.671875    | 0.104   | 0.0006   | 0.4379   | 0.0305   | 0.305   | 0.00185  | 0.60699  | 1707  | 6    | 1715  | 9     | 1692 | 11   | 1692  | 11          | -1.35938061  |
| H5_P1_54.FIN2    | 870   | 0.128045977 | 0.0481  | 0.0006   | 0.0989   | 0.00125  | 0.01487 | 0.000135 | 0.27921  | 95.7  | 1.15 | 95.1  | 0.85  | 113  | 26   | 95.1  | 0.85        | 0.626959248  |
| H5_P1_55.FIN2    | 159.7 | 0.452723857 | 0.0479  | 0.00105  | 0.1146   | 0.00255  | 0.01753 | 0.0002   | 0.25465  | 109.7 | 2.3  | 112   | 1.25  | 100  | 42.5 | 112   | 1.25        | -2.096627165 |
| H5_P1_57.FIN2    | 273   | 0.454578755 | 0.0495  | 0.0009   | 0.12     | 0.0023   | 0.01765 | 0.00021  | 0.45554  | 115.3 | 2.15 | 112.8 | 1.35  | 161  | 35   | 112.8 | 1.35        | 2.168256722  |
| H5_P1_58.FIN2    | 890   | 0.051348315 | 0.0548  | 0.0013   | 0.204    | 0.0055   | 0.0279  | 0.00065  | 0.56397  | 188.1 | 4.5  | 177.1 | 4.2   | 368  | 49.5 | 177.1 | 4.2         | 5.847953216  |
| H5_P1_60.FIN2    | 395   | 0.688607595 | 0.05    | 0.0007   | 0.149    | 0.0021   | 0.02171 | 0.000195 | 0.30866  | 140.8 | 1.85 | 138.4 | 1.2   | 198  | 29   | 138.4 | 1.2         | 1.704545455  |
| H5_P1_61.FIN2    | 1020  | 0.150980392 | 0.05    | 0.00125  | 0.1336   | 0.00305  | 0.0201  | 0.00095  | 0.49896  | 127.1 | 2.7  | 128.1 | 3.15  | 180  | 50   | 128.1 | 3.15        | -0.786782061 |
| H5_P1_62.FIN2    | 5.49  | 0.010018215 | 0.063   | 0.008    | 0.189    | 0.019    | 0.0223  | 0.00085  | 0.16683  | 166   | 16.5 | 142   | 5     | 160  | 185  | 142   | 5           | 14.45783133  |
| H5_P1_63.FIN2    | 74.7  | 0.716198126 | 0.0488  | 0.00225  | 0.132    | 0.0055   | 0.01988 | 0.00035  | 0.038316 | 127   | 5.5  | 126.8 | 2.2   | 130  | 85   | 126.8 | 2.2         | 0.157480315  |
| H5_P1_64.FIN2    | 549   | 0.444444444 | 0.0501  | 0.00075  | 0.1325   | 0.00215  | 0.0194  | 0.000265 | 0.51491  | 126   | 1.9  | 123.8 | 1.65  | 190  | 30.5 | 123.8 | 1.65        | 1.746031746  |
| H5_P1_65.FIN2    | 357   | 0.504201681 | 0.0504  | 0.0009   | 0.1096   | 0.002    | 0.01576 | 0.00014  | 0.26257  | 105.4 | 1.8  | 100.8 | 0.9   | 207  | 36   | 100.8 | 0.9         | 4.364326376  |
| H5_P1_66.FIN2    | 881   | 0.270715096 | 0.0505  | 0.00065  | 0.142    | 0.002    | 0.02041 | 0.0002   | 0.46691  | 134.6 | 1.75 | 130.2 | 1.25  | 204  | 27.5 | 130.2 | 1.25        | 3.268945022  |
| H5_P1_67.FIN2    | 556   | 0.417266187 | 0.0483  | 0.0007   | 0.1231   | 0.002    | 0.01853 | 0.00025  | 0.5381   | 117.6 | 1.8  | 118.3 | 1.6   | 114  | 28   | 118.3 | 1.6         | -0.595238095 |
| H5_P1_68.FIN2    | 237   | 0.579324895 | 0.0512  | 0.00085  | 0.1362   | 0.0024   | 0.01927 | 0.00017  | 0.31093  | 129.3 | 2.15 | 123   | 1.1   | 231  | 34.5 | 123   | 1.1         | 4.872389791  |
| H5_P1_69.FIN2    | 343   | 0.300291545 | 0.0477  | 0.00095  | 0.1021   | 0.0021   | 0.01578 | 0.00023  | 0.41222  | 98.9  | 1.95 | 100.9 | 1.45  | 96   | 38.5 | 100.9 | 1.45        | -2.022244692 |
| H5_P1_70.FIN2    | 397   | 0.158942065 | 0.051   | 0.0008   | 0.1237   | 0.00205  | 0.01778 | 0.000245 | 0.4376   | 118.2 | 1.85 | 113.6 | 1.55  | 219  | 32.5 | 113.6 | 1.55        | 3.891708968  |
| H5_P1_71.FIN2    | 315   | 0.194920635 | 0.048   | 0.0008   | 0.1037   | 0.00185  | 0.01564 | 0.000165 | 0.33291  | 99.9  | 1.7  | 100   | 1.05  | 110  | 33   | 100   | 1.05        | -0.1001001   |
| H5_P1_72.FIN2    | 421   | 0.470308789 | 0.0491  | 0.0008   | 0.168    | 0.0027   | 0.02511 | 0.000345 | 0.39294  | 157.3 | 2.35 | 159.8 | 2.15  | 147  | 31.5 | 159.8 | 2.15        | -1.589319771 |
| H5_P1_73.FIN2    | 783   | 0.565772669 | 0.2016  | 0.00275  | 11.44    | 0.14     | 0.413   | 0.0075   | 0.72244  | 2554  | 11.5 | 2220  | 33.5  | 2826 | 21   | 2826  | 21          | 21.44373673  |
| H5_P1_74.FIN2    | 141.3 | 0.23467799  | 0.0527  | 0.0027   | 0.0204   | 0.00105  | 0.0028  | 0.000055 | 0.15697  | 20.5  | 1    | 18.03 | 0.365 | 190  | 90   | 18.03 | 0.365       | 12.04878049  |
| H5_P1_75.FIN2    | 571   | 0.217162872 | 0.0531  | 0.0011   | 0.1323   | 0.00275  | 0.01843 | 0.000365 | 0.50002  | 125.7 | 2.45 | 117.7 | 2.3   | 287  | 40.5 | 117.7 | 2.3         | 3.364359586  |
| H5_P1_76.FIN2    | 379   | 0.329287599 | 0.0538  | 0.0009   | 0.1436   | 0.00245  | 0.01947 | 0.00022  | 0.39597  | 136.5 | 2.2  | 124.3 | 1.4   | 333  | 35.5 | 124.3 | 1.4         | 8.937728938  |
| H5_P1_77.FIN2    | 710   | 0.107605634 | 0.1109  | 0.00145  | 4.51     | 0.06     | 0.2934  | 0.0044   | 0.60068  | 1730  | 11   | 1657  | 22    | 1808 | 23   | 1808  | 23          | 8.351769912  |
| H5_P1_78.FIN2    | 186.1 | 0.608812466 | 0.0483  | 0.0012   | 0.1013   | 0.0021   | 0.01565 | 0.00026  | 0.23182  | 97.7  | 1.95 | 100.1 | 1.65  | 99   | 44.5 | 100.1 | 1.65        | -2.456499488 |
| H5_P1_79.FIN2    | 489.4 | 0.558847568 | 0.0484  | 0.00075  | 0.1183   | 0.0017   | 0.01786 | 0.000215 | 0.33647  | 113.3 | 1.55 | 114.1 | 1.35  | 117  | 30   | 114.1 | 1.35        | -0.706090026 |
| H5_P1_80.FIN2    | 844   | 0.751184834 | 0.049   | 0.0006   | 0.1206   | 0.00155  | 0.01782 | 0.000205 | 0.4453   | 115.5 | 1.4  | 113.9 | 1.3   | 144  | 24.5 | 113.9 | 1.3         | 1.385281385  |
| H5_P1_81.FIN2    | 1450  | 0.27862069  | 0.0551  | 0.00075  | 0.1318   | 0.0025   | 0.01751 | 0.00038  | 0.77383  | 125.4 | 2.25 | 111.8 | 2.4   | 388  | 30   | 111.8 | 2.4         | 10.84529506  |
| H5_P1_82.FIN2    | 436   | 0.610091743 | 0.0487  | 0.00085  | 0.1056   | 0.00175  | 0.01556 | 0.00018  | 0.28315  | 101.8 | 1.6  | 99.5  | 1.15  | 122  | 33   | 99.5  | 1.15        | 2.259332024  |
| H5_P1_83.FIN2    | 1051  | 0.412940057 | 0.0487  | 0.0006   | 0.1387   | 0.0018   | 0.02066 | 0.00022  | 0.50152  | 131.7 | 1.6  | 131.8 | 1.4   | 131  | 25   | 131.8 | 1.4         | -0.075930144 |
| H5_P1_84.FIN2    | 658   | 0.166261398 | 0.04959 | 0.00049  | 0.1871   | 0.00205  | 0.02735 | 0.00022  | 0.48781  | 173.9 | 1.75 | 173.9 | 1.4   | 175  | 21   | 173.9 | 1.4         | 0            |
| H5_P1_85.FIN2    | 633   | 0.808846761 | 0.0468  | 0.0007   | 0.085    | 0.00115  | 0.01312 | 0.000085 | 0.013028 | 82.7  | 1.05 | 84.1  | 0.55  | 53   | 28.5 | 84.1  | 0.55        | -1.69286578  |
| H5_P1_86.FIN2    | 147.3 | 0.707399864 | 0.05    | 0.00105  | 0.1308   | 0.0026   | 0.01894 | 0.000175 | 0.23509  | 125   | 2.4  | 120.9 | 1.1   | 172  | 39   | 120.9 | 1.1         | 3.28         |
| H5_P1_87.FIN2    | 985   | 0.52284264  | 0.0489  | 0.00065  | 0.0912   | 0.0012   | 0.01358 | 0.000165 | 0.50941  | 88.5  | 1.1  | 87    | 1.05  | 145  | 27   | 87    | 1.05        | 1.694915254  |
| H5_P1_88.FIN2    | 740   | 0.224324324 | 0.0485  | 0.00065  | 0.1119   | 0.0015   | 0.01671 | 0.00016  | 0.34386  | 107.6 | 1.35 | 106.8 | 1     | 124  | 27.5 | 106.8 | 1           | 0.743494424  |
| H5_P1_89.FIN2    | 387   | 1.428940568 | 0.0512  | 0.0006   | 0.2891   | 0.00405  | 0.04098 | 0.00043  | 0.62887  | 258.2 | 3.3  | 258.8 | 2.65  | 236  | 25   | 258.8 | 2.65        | -0.232378002 |
| H5_P1_90.FIN2    | 196.9 | 0.61452514  | 0.0507  | 0.001    | 0.125    | 0.0024   | 0.01771 | 0.00015  | 0.1967   | 119.2 | 2.15 | 113.2 | 0.95  | 200  | 38   | 113.2 | 0.95        | 5.033557047  |
| H5_P1_91.FIN2    | 1069  | 0.947614593 | 0.0507  | 0.0008   | 0.1123   | 0.00225  | 0.016   | 0.00031  | 0.67318  | 107.7 | 2.05 | 102.3 | 1.95  | 217  | 32   | 102.3 | 1.95        | 5.013927577  |
| H5_P1_92.FIN2    | 1851  | 0.395461912 | 0.05148 | 0.00043  | 0.1426   | 0.00165  | 0.01987 | 0.00018  | 0.67909  | 135.2 | 1.5  | 126.8 | 1.15  | 253  | 18.5 | 126.8 | 1.15        | 6.213017751  |
| H5_P1_93.FIN2    | 675   | 0.662222222 | 0.0494  | 0.00065  | 0.1342   | 0.00185  | 0.01971 | 0.00025  | 0.5536   | 127.7 | 1.65 | 125.8 | 1.6   | 160  | 26   | 125.8 | 1.6         | 1.487862177  |
| H5_P1_94.FIN2    | 156.6 | 0.502554278 | 0.0546  | 0.00135  | 0.1298   | 0.0033   | 0.01731 | 0.00026  | 0.34188  | 123.3 | 2.95 | 110.6 | 1.65  | 330  | 47.5 | 110.6 | 1.65        | 10.3000811   |
| H5_P1_95.FIN2    | 611   | 0.396072013 | 0.0483  | 0.00065  | 0.1049   | 0.00165  | 0.01561 | 0.00018  | 0.45006  | 101.1 | 1.5  | 99.9  | 1.15  | 124  | 28.5 | 99.9  | 1.15        | 1.18694362   |
| H5_P1_96.FIN2    | 261   | 0.296551724 | 0.0747  | 0.0005   | 0.1437   | 0.0035   | 0.1374  | 0.00335  | 0.96452  | 893   | 16   | 826   | 19    | 1054 | 14   | 826   | 19          | 7.502799552  |
| H5_P1_97.FIN2    | 528   | 0.446969697 | 0.0505  | 0.00075  | 0.1414   | 0.002    | 0.02019 | 0.00018  | 0.31582  | 134.1 | 1.75 | 128.8 | 1.15  | 205  | 29   | 128.8 | 1.15        | 3.952274422  |
| H5_P1_98.FIN2    | 1024  | 0.291992188 | 0.04828 | 0.000465 | 0.1335   | 0.0016   | 0.02002 | 0.000195 | 0.65634  | 127.1 | 1.45 | 127.8 | 1.25  | 116  | 20   | 127.8 | 1.25        | -0.550747443 |
| H5_P1_99.FIN2    | 560   | 0.535714286 | 0.051   | 0.00075  | 0.1242   | 0.00185  | 0.01781 | 0.00017  | 0.40736  | 118.7 | 1.65 | 113.8 | 1.05  | 222  | 29   | 113.8 | 1.05        | 4.128053917  |
| H5_P1_100.FIN2   | 770   | 0.071558442 | 0.05031 | 0.00048  | 0.1791   | 0.00185  | 0.02578 | 0.0002   | 0.40443  | 167.5 | 1.65 | 164.1 | 1.25  | 202  | 20.5 | 164.1 | 1.25        | 2.029850746  |
| H5_P1_101.FIN2   | 457   | 0.262582057 | 0.0522  | 0.0009   | 0.1103   | 0.00195  | 0.01541 | 0.00014  | 0.22961  | 106   | 1.8  | 98.6  | 0.9   | 262  | 35.5 | 98.6  | 0.9         | 6.981132075  |
| H5_P1_102.FIN2   | 540   | 0.086666667 | 0.048   | 0.00095  | 0.1126   | 0.0026   | 0.01707 | 0.00024  | 0.48365  | 108.1 | 2.35 | 109.1 | 1.5   | 103  | 39.5 | 109.1 | 1.5         | -0.92506938  |
| H5_P1_103.FIN2   | 242   | 0.750826446 | 0.0862  | 0.00065  | 2.415    | 0.0435   | 0.2025  | 0.00325  | 0.92264  | 1248  | 12.5 | 1188  | 17.5  | 1340 | 14.5 | 1188  | 17.5        | 11.34328358  |
| H5_P1_104.FIN2   | 535   | 0.325233645 | 0.0491  | 0.0007   | 0.1298   | 0.0018   | 0.01948 | 0.00019  | 0.3584   | 123.7 | 1.6  | 124.3 | 1.2   | 153  | 29   | 124.3 | 1.2         | -0.485044462 |
| H5_P1_105.FIN2   | 1196  | 0.538461538 | 0.0512  | 0.0007   | 0.0971   | 0.001396 | 0.00125 | 0.38007  | 94.4     | 1.35  | 89.3 | 0.8   | 239   | 28.5 | 89.3 | 0.8   | 5.402542373 |              |
| H5_P1_106.FIN2   | 698   | 0.371060172 | 0.0472  | 0.0006   | 0.0763   | 0.0011   | 0.01178 | 0.000125 | 0.44188  | 74.8  | 1.05 | 75.5  | 0.8   | 83   | 26.5 | 75.5  | 0.8         | -0.935828877 |
| H5_P1_108.FIN2   | 745   | 0.260671141 | 0.0482  | 0.0006   | 0.1215   | 0.00155  | 0.01852 | 0.000145 | 0.29281  | 116.3 | 1.4  | 118.3 | 0.95  | 110  | 25.5 | 118.3 | 0.95        | -1.719690456 |
| H5_P1_109.FIN2   | 951   | 0.429022082 | 0.0497  | 0.0005   | 0.1619   | 0.00175  | 0.02399 | 0.000205 | 0.46012  | 152.2 | 1.5  | 152.8 | 1.3   | 176  | 22   | 152.8 | 1.3         | -0.394218134 |
| H5_P1_110.FIN2   | 122.4 | 1.145015106 | 0.1452  | 0.00215  | 0.221    | 0.008    | 0.01620 | 0.00021  | 0.52208  | 280   | 6    | 104.2 | 1.25  | 2228 | 26.5 | DISC  | VALUE       | 62.78571420  |
| H5_P1_111.FIN2   | 556   | 0.026492806 | 0.0527  | 0.0015   | 0.176    | 0.0095   | 0.0238  | 0.00095  | 0.82467  | 163   | 8    | 152   | 6     | 320  | 65   | 152   | 6           | 6.748466258  |
| H5_P1_111.FIN2_1 | 162   | 0.128824356 | 0.1544  | 0.0021   | 2.27     | 0.12     | 0.106   | 0.00205  | 0.06765  | 1102  | 28   | 648   | 22    | 2204 | 42   | DISC  | VALUE       | 45.62758280  |
| H5_P1_112.FIN2   | 540   | 0.169259259 | 0.0489  | 0.0006   | 0.1725</ |          |         |          |          |       |      |       |       |      |      |       |             |              |

|                |       |             |        |         |        |         |         |          |         |       |      |       |      |     |      |       |      |              |
|----------------|-------|-------------|--------|---------|--------|---------|---------|----------|---------|-------|------|-------|------|-----|------|-------|------|--------------|
| H5_P1_135.FIN2 | 836   | 0.391148325 | 0.0464 | 0.0006  | 0.0799 | 0.0009  | 0.01244 | 0.000125 | 0.17144 | 78    | 0.85 | 79.7  | 0.8  | 46  | 26   | 79.7  | 0.8  | -2.179487179 |
| H5_P1_136.FIN2 | 1078  | 0.417439703 | 0.0491 | 0.0006  | 0.1248 | 0.00185 | 0.01828 | 0.000215 | 0.60698 | 119.2 | 1.65 | 116.7 | 1.35 | 153 | 25.5 | 116.7 | 1.35 | 2.097315436  |
| H5_P1_137.FIN2 | 137.3 | 0.785870357 | 0.0722 | 0.0008  | 0.1427 | 0.0155  | 0.1427  | 0.00155  | 0.46501 | 901   | 6.5  | 860   | 8.5  | 980 | 23   | 980   | 23   | 12.24489796  |
| H5_P1_138.FIN2 | 594   | 0.318518519 | 0.0488 | 0.00075 | 0.137  | 0.00225 | 0.02035 | 0.000305 | 0.44026 | 130.1 | 2    | 129.8 | 1.9  | 149 | 31   | 129.8 | 1.9  | 0.230591852  |
| H5_P1_139.FIN2 | 581   | 0.829604131 | 0.048  | 0.00055 | 0.1402 | 0.00165 | 0.02083 | 0.000175 | 0.42032 | 133.1 | 1.45 | 132.9 | 1.1  | 111 | 23   | 132.9 | 1.1  | 0.15026296   |
| H5_P1_140.FIN2 | 442   | 0.93438914  | 0.0505 | 0.0009  | 0.1278 | 0.00225 | 0.01832 | 0.00017  | 0.61198 | 121.9 | 2.05 | 117   | 1.1  | 203 | 36.5 | 117   | 1.1  | 4.019688269  |

Sample Name: L2-76-SC\_g68

| Analysis #       | [U] ppm | Th/U        | 207/206 | 1σ error | 207/235 | 1σ error | 206/238 | 1σ error | RHO       | Age (Ma) | 1σ error | Age (Ma) | 1σ error | Age (Ma) | 1σ error | % Discordance* | Rim/Core |              |  |
|------------------|---------|-------------|---------|----------|---------|----------|---------|----------|-----------|----------|----------|----------|----------|----------|----------|----------------|----------|--------------|--|
| LZ-76-SC_1.FIN2  | 601     | 0.960066556 | 0.0498  | 0.00085  | 0.1236  | 0.0021   | 0.01843 | 0.00021  | 0.34848   | 118.5    | 1.95     | 117.7    | 1.35     | 174      | 34       | 117.7          | 1.35     | 0.675105485  |  |
| LZ-76-SC_2.FIN2  | 1362    | 0.329662261 | 0.04814 | 0.00048  | 0.086   | 0.0009   | 0.01309 | 0.00008  | 0.41773   | 83.7     | 0.85     | 83.8     | 0.5      | 108      | 20.5     | 83.8           | 0.5      | -0.119474313 |  |
| LZ-76-SC_3.FIN2  | 310     | 0.507741935 | 0.0471  | 0.0009   | 0.0996  | 0.00185  | 0.01555 | 0.000115 | 0.056323  | 96.2     | 1.7      | 99.5     | 0.75     | 63       | 36.5     | 99.5           | 0.75     | -3.43035343  |  |
| LZ-76-SC_4.FIN2  | 186     | 0.33655914  | 0.0486  | 0.0011   | 0.1137  | 0.00255  | 0.01717 | 0.000175 | 0.12404   | 109      | 2.3      | 109.7    | 1.1      | 130      | 44       | 109.7          | 1.1      | -0.642201835 |  |
| LZ-76-SC_5.FIN2  | 196.2   | 0.939347604 | 0.0491  | 0.001    | 0.1125  | 0.0022   | 0.01686 | 0.000145 | 0.067472  | 108      | 2        | 107.8    | 0.9      | 149      | 40.5     | 107.8          | 0.9      | 0.185185185  |  |
| LZ-76-SC_6.FIN2  | 476     | 0.321218487 | 0.0482  | 0.0007   | 0.0981  | 0.0015   | 0.01484 | 0.000095 | 0.29414   | 94.9     | 1.4      | 95       | 0.6      | 124      | 30       | 95             | 0.6      | -0.105374078 |  |
| LZ-76-SC_7.FIN2  | 892     | 0.261210762 | 0.049   | 0.0007   | 0.1047  | 0.00155  | 0.01571 | 0.00011  | 0.26805   | 101      | 1.4      | 100.5    | 0.7      | 138      | 28       | 100.5          | 0.7      | 0.495049505  |  |
| LZ-76-SC_8.FIN2  | 488     | 0.379918033 | 0.0505  | 0.00065  | 0.1829  | 0.0024   | 0.02652 | 0.00016  | 0.31236   | 170.2    | 2.05     | 168.7    | 1        | 203      | 26.5     | 168.7          | 1        | 0.881316099  |  |
| LZ-76-SC_9.FIN2  | 675     | 0.416296296 | 0.0499  | 0.00055  | 0.1354  | 0.0017   | 0.01982 | 0.000155 | 0.43519   | 128.7    | 1.5      | 126.5    | 1        | 187      | 23.5     | 126.5          | 1        | 1.709401709  |  |
| LZ-76-SC_10.FIN2 | 557     | 0.44524237  | 0.0486  | 0.0007   | 0.0907  | 0.0013   | 0.01364 | 0.000115 | 0.35274   | 88.1     | 1.2      | 87.3     | 0.7      | 134      | 29       | 87.3           | 0.7      | 0.908059024  |  |
| LZ-76-SC_11.FIN2 | 219     | 0.519178082 | 0.0509  | 0.00105  | 0.132   | 0.0026   | 0.01897 | 0.000115 | -0.043096 | 125.5    | 2.35     | 121.1    | 0.75     | 210      | 40       | 121.1          | 0.75     | 3.505976096  |  |
| LZ-76-SC_12.FIN2 | 294.3   | 0.314305131 | 0.049   | 0.0009   | 0.1004  | 0.00185  | 0.01508 | 0.00012  | 0.21483   | 97.4     | 1.75     | 96.5     | 0.75     | 146      | 36.5     | 96.5           | 0.75     | 0.924024641  |  |
| LZ-76-SC_13.FIN2 | 282     | 0.409219858 | 0.0489  | 0.0009   | 0.1224  | 0.0023   | 0.01829 | 0.000135 | 0.29559   | 116.9    | 2.1      | 116.9    | 0.85     | 138      | 35.5     | 116.9          | 0.85     | 0            |  |
| LZ-76-SC_14.FIN2 | 303     | 0.337623762 | 0.0492  | 0.0008   | 0.1712  | 0.00265  | 0.02549 | 0.000225 | 0.23068   | 160      | 2.3      | 162.2    | 1.4      | 151      | 31.5     | 162.2          | 1.4      | -1.375       |  |
| LZ-76-SC_15.FIN2 | 552     | 0.77173913  | 0.0493  | 0.00075  | 0.1134  | 0.00165  | 0.01687 | 0.000115 | 0.19865   | 108.9    | 1.5      | 107.8    | 0.75     | 153      | 30       | 107.8          | 0.75     | 1.01010101   |  |
| LZ-76-SC_16.FIN2 | 381     | 0.38503937  | 0.0517  | 0.0011   | 0.1275  | 0.00295  | 0.01786 | 0.00019  | 0.44857   | 121.7    | 2.65     | 114.1    | 1.2      | 255      | 44       | 114.1          | 1.2      | 6.244864421  |  |
| LZ-76-SC_17.FIN2 | 375     | 0.753866667 | 0.0489  | 0.0009   | 0.0907  | 0.00165  | 0.01351 | 0.00011  | 0.20359   | 88       | 1.55     | 86.5     | 0.7      | 144      | 36.5     | 86.5           | 0.7      | 1.704545455  |  |
| LZ-76-SC_18.FIN2 | 820     | 0.467073171 | 0.048   | 0.0005   | 0.1174  | 0.00145  | 0.01787 | 0.00014  | 0.49683   | 112.6    | 1.3      | 114.2    | 0.9      | 97       | 22       | 114.2          | 0.9      | -1.420959147 |  |
| LZ-76-SC_19.FIN2 | 345     | 0.229275362 | 0.0485  | 0.00075  | 0.1105  | 0.00205  | 0.01657 | 0.000185 | 0.53769   | 106.1    | 1.85     | 105.9    | 1.15     | 123      | 31.5     | 105.9          | 1.15     | 0.188501414  |  |
| LZ-76-SC_20.FIN2 | 98.7    | 0.558257345 | 0.0461  | 0.00145  | 0.1079  | 0.0032   | 0.01686 | 0.00017  | 0.083136  | 103.4    | 2.95     | 107.8    | 1.1      | 40       | 55       | 107.8          | 1.1      | -4.255319149 |  |
| LZ-76-SC_21.FIN2 | 1573    | 0.440559441 | 0.0499  | 0.00065  | 0.1281  | 0.00165  | 0.01848 | 0.00019  | 0.40406   | 122.2    | 1.45     | 118      | 1.2      | 189      | 27       | 118            | 1.2      | 3.436988543  |  |
| LZ-76-SC_22.FIN2 | 1296    | 0.04992284  | 0.0515  | 0.00095  | 0.1804  | 0.0028   | 0.0254  | 0.0004   | 0.25731   | 168.3    | 2.4      | 161.7    | 2.5      | 252      | 40.5     | 161.7          | 2.5      | 3.921568627  |  |
| LZ-76-SC_23.FIN2 | 370.5   | 0.360593792 | 0.0483  | 0.00085  | 0.1019  | 0.0017   | 0.01533 | 0.000125 | 0.13358   | 98.4     | 1.55     | 98       | 0.8      | 111      | 34       | 98             | 0.8      | 0.406504065  |  |
| LZ-76-SC_24.FIN2 | 1118    | 0.368515206 | 0.0484  | 0.0006   | 0.1154  | 0.00155  | 0.01741 | 0.00012  | 0.33545   | 111.5    | 1.4      | 111.2    | 0.75     | 118      | 25       | 111.2          | 0.75     | 0.269058296  |  |
| LZ-76-SC_25.FIN2 | 476     | 0.484453782 | 0.0476  | 0.00065  | 0.1052  | 0.0015   | 0.01586 | 0.000095 | 0.17011   | 101.4    | 1.35     | 101.5    | 0.6      | 99       | 27.5     | 101.5          | 0.6      | -0.098619329 |  |
| LZ-76-SC_26.FIN2 | 1077    | 0.209935005 | 0.0499  | 0.00055  | 0.1131  | 0.00125  | 0.01635 | 0.00013  | 0.42971   | 108.7    | 1.15     | 104.6    | 0.85     | 181      | 22       | 104.6          | 0.85     | 3.771849126  |  |
| LZ-76-SC_27.FIN2 | 1800    | 0.5         | 0.05079 | 0.00048  | 0.137   | 0.00125  | 0.01938 | 0.000125 | 0.37925   | 130.3    | 1.15     | 123.8    | 0.8      | 221      | 20.5     | 123.8          | 0.8      | 4.988488104  |  |
| LZ-76-SC_28.FIN2 | 344     | 0.375       | 0.0465  | 0.0007   | 0.1064  | 0.00155  | 0.01651 | 0.00012  | 0.31441   | 102.5    | 1.45     | 105.6    | 0.75     | 49       | 29       | 105.6          | 0.75     | -3.024390244 |  |
| LZ-76-SC_29.FIN2 | 849     | 0.605418139 | 0.0522  | 0.00075  | 0.1345  | 0.00215  | 0.01853 | 0.00023  | 0.56189   | 128      | 1.95     | 118.4    | 1.45     | 276      | 30       | 118.4          | 1.45     | 7.5          |  |
| LZ-76-SC_31.FIN2 | 715     | 0.353846154 | 0.049   | 0.00075  | 0.0988  | 0.00155  | 0.01455 | 0.00015  | 0.45969   | 95.5     | 1.45     | 93.1     | 0.95     | 142      | 31       | 93.1           | 0.95     | 2.513089005  |  |
| LZ-76-SC_32.FIN2 | 521     | 0.548944338 | 0.0486  | 0.0009   | 0.1267  | 0.00225  | 0.01876 | 0.000165 | 0.07158   | 120.9    | 2        | 119.8    | 1.05     | 131      | 36.5     | 119.8          | 1.05     | 0.909842845  |  |
| LZ-76-SC_33.FIN2 | 290     | 0.831034483 | 0.0467  | 0.00085  | 0.1046  | 0.002    | 0.01595 | 0.000125 | 0.19641   | 100.8    | 1.8      | 102      | 0.8      | 66       | 35       | 102            | 0.8      | -1.19047619  |  |
| LZ-76-SC_34.FIN2 | 193.3   | 0.445421624 | 0.0504  | 0.00115  | 0.1088  | 0.0023   | 0.01574 | 0.00013  | 0.024317  | 104.6    | 2.1      | 100.7    | 0.8      | 177      | 43.5     | 100.7          | 0.8      | 3.728489484  |  |
| LZ-76-SC_35.FIN2 | 162.9   | 0.369551872 | 0.048   | 0.0012   | 0.1112  | 0.00265  | 0.01689 | 0.000165 | 0.078739  | 106.6    | 2.4      | 107.9    | 1.05     | 95       | 46.5     | 107.9          | 1.05     | -1.219512195 |  |
| LZ-76-SC_36.FIN2 | 141.8   | 0.359661495 | 0.0484  | 0.0013   | 0.1054  | 0.00315  | 0.01559 | 0.000205 | 0.36834   | 101.2    | 2.85     | 99.7     | 1.3      | 110      | 50       | 99.7           | 1.3      | 1.482213439  |  |
| LZ-76-SC_37.FIN2 | 558     | 0.034354839 | 0.04968 | 0.000445 | 0.1725  | 0.00165  | 0.02501 | 0.000145 | 0.45622   | 161.4    | 1.45     | 159.3    | 0.9      | 174      | 19.5     | 159.3          | 0.9      | 1.301115242  |  |
| LZ-76-SC_38.FIN2 | 291     | 0.217869416 | 0.0507  | 0.0009   | 0.1783  | 0.00325  | 0.02543 | 0.000325 | 0.44245   | 166      | 2.75     | 161.8    | 2.05     | 213      | 35.5     | 161.8          | 2.05     | 2.530120482  |  |
| LZ-76-SC_39.FIN2 | 1350    | 0.201300728 | 0.0656  | 0.001    | 0.1257  | 0.0013   | 0.01401 | 0.00014  | 0.18525   | 120.3    | 1.05     | 80.7     | 0.8      | 247      | 21.8     | DISC           | AVG 1.00 | 26.27427684  |  |
| LZ-76-SC_40.FIN2 | 355     | 0.461971831 | 0.0504  | 0.001    | 0.1057  | 0.00205  | 0.01507 | 0.00013  | 0.1889    | 101.8    | 1.85     | 96.4     | 0.8      | 194      | 38.5     | 96.4           | 0.8      | 5.304518664  |  |
| LZ-76-SC_41.FIN2 | 114     | 0.414035088 | 0.0483  | 0.0016   | 0.1102  | 0.0036   | 0.01066 | 0.000225 | 0.1068    | 105.4    | 3.25     | 106.1    | 1.4      | 110      | 60       | 106.1          | 1.4      | -0.664136622 |  |
| LZ-76-SC_42.FIN2 | 548     | 0.321167883 | 0.0495  | 0.0007   | 0.0995  | 0.0015   | 0.01445 | 0.00013  | 0.46462   | 96.2     | 1.4      | 92.4     | 0.8      | 169      | 28       | 92.4           | 0.8      | 3.95010395   |  |
| LZ-76-SC_43.FIN2 | 707     | 0.377652051 | 0.0482  | 0.00065  | 0.0908  | 0.00115  | 0.01365 | 0.0001   | 0.20255   | 88.1     | 1.05     | 87.4     | 0.65     | 112      | 26.5     | 87.4           | 0.65     | 0.794551646  |  |
| LZ-76-SC_44.FIN2 | 1100    | 0.539090909 | 0.0472  | 0.00055  | 0.1002  | 0.0012   | 0.01533 | 0.00008  | 0.21622   | 96.9     | 1.1      | 98.2     | 0.5      | 70       | 23.5     | 98.2           | 0.5      | -1.341589267 |  |
| LZ-76-SC_45.FIN2 | 78.2    | 0.657289003 | 0.0513  | 0.0028   | 0.124   | 0.0065   | 0.01766 | 0.00034  | 0.18745   | 117      | 6        | 112.8    | 2.15     | 230      | 105      | 112.8          | 2.15     | 3.58974359   |  |
| LZ-76-SC_46.FIN2 | 1365    | 0.792673993 | 0.04808 | 0.000465 | 0.113   | 0.00105  | 0.01717 | 0.00013  | 0.30913   | 108.9    | 1        | 109.7    | 0.8      | 106      | 20       | 109.7          | 0.8      | -0.734618916 |  |
| LZ-76-SC_47.FIN2 | 522     | 0.457854406 | 0.0519  | 0.001    | 0.1194  | 0.0022   | 0.01665 | 0.000175 | 0.10326   | 114.2    | 2        | 106.4    | 1.1      | 251      | 38.5     | 106.4          | 1.1      | 6.830122592  |  |
| LZ-76-SC_48.FIN2 | 557     | 0.29551167  | 0.0499  | 0.00085  | 0.0991  | 0.00155  | 0.01449 | 0.00015  | 0.21266   | 95.8     | 1.4      | 92.8     | 0.95     | 187      | 35.5     | 92.8           | 0.95     | 3.131524008  |  |
| LZ-76-SC_49.FIN2 | 277     | 0.232851986 | 0.047   | 0.0009   | 0.1061  | 0.002    | 0.01632 | 0.000125 | 0.074669  | 102.1    | 1.85     | 104.3    | 0.8      | 78       | 38       | 104.3          | 0.8      | -2.154750245 |  |
| LZ-76-SC_50.FIN2 | 503     | 0.373757455 | 0.0478  | 0.0006   | 0.0977  | 0.00135  | 0.01477 | 0.00009  | 0.33207   | 94.6     | 1.25     | 94.5     | 0.6      | 97       | 26       | 94.5           | 0.6      | 0.105708245  |  |
| LZ-76-SC_51.FIN2 | 458     | 0.410480349 | 0.0496  | 0.0008   | 0.1176  | 0.0019   | 0.01726 | 0.00017  | 0.26963   | 112.7    | 1.7      | 110.3    | 1.05     | 167      | 32.5     | 110.3          | 1.05     | 2.129547471  |  |
| LZ-76-SC_52.FIN2 | 776     | 0.493556701 | 0.0483  | 0.0007   | 0.0768  | 0.00115  | 0.01145 | 0.000075 | 0.31763   | 75.1     | 1.1      | 73.9     | 0.475    | 117      | 28       | 73.9           | 0.475    | 2.276964048  |  |
| LZ-              |         |             |         |          |         |          |         |          |           |          |          |          |          |          |          |                |          |              |  |

|                     |       |             |         |          |        |         |         |          |           |       |      |       |      |      |      |       |       |              |      |
|---------------------|-------|-------------|---------|----------|--------|---------|---------|----------|-----------|-------|------|-------|------|------|------|-------|-------|--------------|------|
| LZ-76-SC_75.FIN2    | 93    | 0.859139785 | 0.0463  | 0.00185  | 0.0701 | 0.0027  | 0.01124 | 0.00014  | 0.053175  | 68.3  | 2.55 | 72.1  | 0.9  | 0    | 65   | 72.1  | 0.9   | -5.563689605 |      |
| LZ-76-SC_76.FIN2    | 419   | 0.514797136 | 0.1032  | 0.00055  | 4.033  | 0.035   | 0.2827  | 0.00225  | 0.87447   | 1637  | 7.5  | 1604  | 11.5 | 1681 | 9.5  | 1681  | 9.5   | 4.580606782  |      |
| LZ-76-SC_77.FIN2    | 552   | 0.338768116 | 0.0475  | 0.00075  | 0.0974 | 0.0016  | 0.01491 | 0.00013  | 0.34675   | 94.2  | 1.45 | 95.4  | 0.85 | 91   | 31   | 95.4  | 0.85  | -1.27388535  |      |
| LZ-76-SC_78.FIN2    | 425   | 0.484705882 | 0.0499  | 0.001    | 0.0993 | 0.00195 | 0.01456 | 0.00013  | 0.18429   | 95.9  | 1.75 | 93.2  | 0.8  | 171  | 38   | 93.2  | 0.8   | 2.815432742  |      |
| LZ-76-SC_79.FIN2    | 229   | 0.286899563 | 0.0483  | 0.00115  | 0.1045 | 0.0023  | 0.01585 | 0.000155 | 0.13599   | 100.6 | 2.1  | 101.4 | 1    | 121  | 44.5 | 101.4 | 1     | -0.795228628 |      |
| LZ-76-SC_80.FIN2    | 229.6 | 0.220818815 | 0.0508  | 0.0009   | 0.1696 | 0.0028  | 0.02439 | 0.000215 | 0.16483   | 158.6 | 2.45 | 155.3 | 1.35 | 208  | 35   | 155.3 | 1.35  | 2.080706179  |      |
| LZ-76-SC_81.FIN2    | 436   | 0.358944954 | 0.0489  | 0.00085  | 0.0956 | 0.00155 | 0.01428 | 0.000115 | 0.247     | 92.6  | 1.4  | 91.4  | 0.75 | 135  | 33   | 91.4  | 0.75  | 1.295896328  |      |
| LZ-76-SC_82.FIN2    | 225.5 | 0.477161863 | 0.0502  | 0.00095  | 0.1211 | 0.00235 | 0.01765 | 0.00012  | 0.25566   | 116.2 | 2.2  | 112.8 | 0.75 | 185  | 38   | 112.8 | 0.75  | 2.925898673  |      |
| LZ-76-SC_83.FIN2    | 428   | 0.379906542 | 0.0524  | 0.00095  | 0.1039 | 0.00175 | 0.01466 | 0.00015  | 0.21493   | 100.2 | 1.6  | 93.8  | 0.95 | 267  | 37   | 93.8  | 0.95  | 6.387225549  |      |
| LZ-76-SC_84.FIN2    | 732   | 0.424180328 | 0.0482  | 0.00065  | 0.0846 | 0.00115 | 0.01277 | 0.00009  | 0.22404   | 82.4  | 1.05 | 81.8  | 0.6  | 119  | 27.5 | 81.8  | 0.6   | 0.72815534   |      |
| LZ-76-SC_85.FIN2    | 301   | 0.395681063 | 0.0482  | 0.0008   | 0.133  | 0.00205 | 0.02017 | 0.000165 | 0.20175   | 126.5 | 1.85 | 128.7 | 1.05 | 109  | 32   | 128.7 | 1.05  | -1.739130435 |      |
| LZ-76-SC_86.FIN2    | 57.2  | 0.323426573 | 0.0437  | 0.00195  | 0.0904 | 0.0041  | 0.0151  | 0.000205 | 0.054415  | 87.7  | 3.85 | 96.6  | 1.3  | -80  | 75   | 96.6  | 1.3   | -10.14823261 |      |
| LZ-76-SC_87.FIN2    | 980   | 0.305102041 | 0.0477  | 0.00065  | 0.1036 | 0.00135 | 0.01576 | 0.000085 | 0.16891   | 100   | 1.25 | 100.8 | 0.55 | 95   | 26.5 | 100.8 | 0.55  | -0.8         |      |
| LZ-76-SC_88.FIN2    | 1000  | 0.638       | 0.0486  | 0.0005   | 0.1191 | 0.00135 | 0.01777 | 0.00013  | 0.38559   | 114.1 | 1.25 | 113.5 | 0.8  | 129  | 21.5 | 113.5 | 0.8   | 0.525854514  |      |
| LZ-76-SC_89.FIN2    | 309   | 0.344660194 | 0.0466  | 0.0009   | 0.0988 | 0.002   | 0.0154  | 0.000175 | 0.33595   | 95.4  | 1.85 | 98.5  | 1.1  | 50   | 37   | 98.5  | 1.1   | -3.249475891 |      |
| LZ-76-SC_90.FIN2    | 309   | 0.487378641 | 0.0507  | 0.00075  | 0.1813 | 0.0027  | 0.02594 | 0.000155 | 0.14626   | 168.8 | 2.3  | 165.1 | 0.95 | 210  | 31   | 165.1 | 0.95  | 2.191943128  |      |
| LZ-76-SC_91.FIN2    | 364   | 0.556043956 | 0.0501  | 0.00105  | 0.109  | 0.00215 | 0.01574 | 0.000145 | 0.17872   | 104.9 | 1.95 | 100.7 | 0.9  | 188  | 42.5 | 100.7 | 0.9   | 4.003813155  |      |
| LZ-76-SC_92.FIN2    | 440   | 0.472727273 | 0.0488  | 0.0006   | 0.128  | 0.0016  | 0.01889 | 0.000095 | 0.21009   | 122.1 | 1.45 | 120.6 | 0.6  | 141  | 25.5 | 120.6 | 0.6   | 1.228501229  |      |
| LZ-76-SC_93.FIN2    | 548   | 0.54379562  | 0.0486  | 0.0008   | 0.0964 | 0.0015  | 0.01438 | 0.00011  | 0.13516   | 93.3  | 1.4  | 92    | 0.7  | 138  | 33.5 | 92    | 0.7   | 1.39335477   |      |
| LZ-76-SC_94.FIN2    | 179   | 0.499441341 | 0.0488  | 0.00105  | 0.1248 | 0.00245 | 0.01872 | 0.00019  | 0.19109   | 119.6 | 2.3  | 119.5 | 1.2  | 135  | 40.5 | 119.5 | 1.2   | 0.08361204   |      |
| LZ-76-SC_95.FIN2    | 357.8 | 1.369480157 | 0.0517  | 0.001    | 0.1362 | 0.0024  | 0.01915 | 0.00015  | 0.1208    | 130.1 | 2.25 | 122.3 | 0.95 | 260  | 39.5 | 122.3 | 0.95  | 5.995388163  |      |
| LZ-76-SC_96.FIN2    | 342   | 0.552631579 | 0.0546  | 0.00065  | 0.3322 | 0.0043  | 0.04393 | 0.0003   | 0.29785   | 290.5 | 3.25 | 277.1 | 1.85 | 376  | 26.5 | 277.1 | 1.85  | 4.612736661  |      |
| LZ-76-SC_97.FIN2    | 870   | 0.928735632 | 0.0482  | 0.0006   | 0.1235 | 0.0016  | 0.01854 | 0.00016  | 0.49973   | 118.1 | 1.45 | 118.4 | 1.05 | 109  | 24.5 | 118.4 | 1.05  | -0.254022015 |      |
| LZ-76-SC_98.FIN2    | 159   | 0.542138365 | 0.0529  | 0.00125  | 0.1306 | 0.0029  | 0.01802 | 0.000225 | 0.14585   | 124.8 | 2.7  | 115.1 | 1.45 | 297  | 48.5 | 115.1 | 1.45  | 7.772435897  |      |
| LZ-76-SC_99.FIN2    | 281.5 | 0.335346359 | 0.0505  | 0.0007   | 0.1884 | 0.0031  | 0.02678 | 0.00026  | 0.52977   | 174.7 | 2.65 | 170.4 | 1.65 | 214  | 29   | 170.4 | 1.65  | 2.461362335  |      |
| LZ-76-SC_100.FIN2_1 | 4840  | 0.134297521 | 0.0486  | 0.00047  | 0.1656 | 0.0018  | 0.02462 | 0.000275 | 0.61126   | 155.5 | 1.6  | 156.8 | 1.7  | 130  | 21   | 156.8 | 1.7   | -0.836012862 | Rim  |
| LZ-76-SC_100.FIN2_2 | 866   | 0.133256351 | 0.0501  | 0.00075  | 0.2106 | 0.00355 | 0.03036 | 0.000325 | 0.43382   | 193.8 | 2.95 | 192.8 | 2.05 | 192  | 32.5 | 192.8 | 2.05  | 0.515995872  | Core |
| LZ-76-SC_101.FIN2_1 | 540   | 0.053333333 | 0.0486  | 0.00065  | 0.1616 | 0.00265 | 0.02401 | 0.000285 | 0.60953   | 151.9 | 2.3  | 152.9 | 1.8  | 127  | 27.5 | 152.9 | 1.8   | -0.658327847 | Rim  |
| LZ-76-SC_101.FIN2_2 | 232.1 | 0.731058763 | 0.0870  | 0.0014   | 1.850  | 0.0275  | 0.1526  | 0.0017   | 0.63581   | 106.5 | 12.5 | 0.5   | 0.5  | 1275 | 30   | DISC  | AVAIL | 23.45454545  | Core |
| LZ-76-SC_102.FIN2   | 505   | 0.631683168 | 0.0491  | 0.0006   | 0.1341 | 0.0017  | 0.01969 | 0.00014  | 0.39646   | 127.6 | 1.55 | 125.7 | 0.9  | 150  | 24.5 | 125.7 | 0.9   | 1.489028213  |      |
| LZ-76-SC_103.FIN2   | 290   | 0.453793103 | 0.0492  | 0.00095  | 0.1134 | 0.00205 | 0.01674 | 0.000115 | -0.022216 | 109.3 | 1.9  | 107   | 0.75 | 153  | 38   | 107   | 0.75  | 2.104300091  |      |
| LZ-76-SC_104.FIN2   | 121.9 | 0.509433962 | 0.049   | 0.00125  | 0.1261 | 0.003   | 0.01884 | 0.000165 | 0.080318  | 120.1 | 2.7  | 120.3 | 1.05 | 125  | 47   | 120.3 | 1.05  | -0.166527893 |      |
| LZ-76-SC_105.FIN2   | 2040  | 0.233333333 | 0.0485  | 0.00065  | 0.0861 | 0.0012  | 0.01282 | 0.00014  | 0.37341   | 83.8  | 1.15 | 82.1  | 0.9  | 133  | 29.5 | 82.1  | 0.9   | 0.028639618  |      |
| LZ-76-SC_106.FIN2   | 421   | 0.444180523 | 0.0503  | 0.0007   | 0.1378 | 0.00185 | 0.01992 | 0.000115 | 0.099334  | 130.9 | 1.65 | 127.1 | 0.75 | 197  | 29.5 | 127.1 | 0.75  | 2.902979374  |      |
| LZ-76-SC_107.FIN2   | 938   | 0.66098081  | 0.0471  | 0.0006   | 0.0711 | 0.00085 | 0.01094 | 0.000085 | 0.15177   | 69.7  | 0.85 | 70.1  | 0.55 | 69   | 25   | 70.1  | 0.55  | -0.573888092 |      |
| LZ-76-SC_108.FIN2   | 286   | 0.534615385 | 0.0485  | 0.00095  | 0.1014 | 0.0019  | 0.01515 | 0.00012  | 0.026137  | 97.9  | 1.75 | 96.9  | 0.75 | 127  | 38.5 | 96.9  | 0.75  | 1.02145046   |      |
| LZ-76-SC_109.FIN2   | 501   | 0.313373253 | 0.0484  | 0.0007   | 0.0975 | 0.00135 | 0.01463 | 0.00008  | 0.20267   | 94.3  | 1.25 | 93.6  | 0.5  | 120  | 28   | 93.6  | 0.5   | 0.742311771  |      |
| LZ-76-SC_110.FIN2   | 724   | 0.35359116  | 0.0475  | 0.0005   | 0.1047 | 0.0012  | 0.01605 | 0.0001   | 0.34538   | 101   | 1.1  | 102.6 | 0.65 | 88   | 22.5 | 102.6 | 0.65  | -1.584158416 |      |
| LZ-76-SC_111.FIN2   | 1340  | 0.307462687 | 0.0486  | 0.0005   | 0.1083 | 0.0013  | 0.01626 | 0.00011  | 0.48045   | 104.3 | 1.2  | 104   | 0.7  | 129  | 21   | 104   | 0.7   | 0.287631831  |      |
| LZ-76-SC_112.FIN2   | 314   | 0.398407643 | 0.0485  | 0.0008   | 0.117  | 0.0019  | 0.01752 | 0.000135 | 0.16431   | 112.2 | 1.7  | 112   | 0.85 | 121  | 32   | 112   | 0.85  | 0.178253119  |      |
| LZ-76-SC_113.FIN2   | 849   | 0.381625442 | 0.0478  | 0.0005   | 0.1117 | 0.00115 | 0.01697 | 0.000095 | 0.13061   | 107.4 | 1.05 | 108.5 | 0.6  | 95   | 21.5 | 108.5 | 0.6   | -1.024085066 |      |
| LZ-76-SC_114.FIN2   | 382.7 | 0.588973086 | 0.049   | 0.00075  | 0.1139 | 0.0017  | 0.01703 | 0.000125 | 0.2157    | 109.3 | 1.55 | 108.8 | 0.8  | 144  | 30.5 | 108.8 | 0.8   | 0.457456542  |      |
| LZ-76-SC_115.FIN2   | 326   | 0.364417178 | 0.0501  | 0.00145  | 0.1025 | 0.00285 | 0.01497 | 0.00014  | -0.040398 | 98.9  | 2.6  | 95.8  | 0.9  | 180  | 60   | 95.8  | 0.9   | 3.134479272  |      |
| LZ-76-SC_116.FIN2   | 714   | 0.836134454 | 0.0495  | 0.0007   | 0.0835 | 0.0013  | 0.01238 | 0.000095 | 0.39561   | 81.3  | 1.2  | 79.3  | 0.6  | 163  | 29   | 79.3  | 0.6   | 2.4600246    |      |
| LZ-76-SC_117.FIN2   | 654   | 0.672782875 | 0.0484  | 0.0007   | 0.1181 | 0.00155 | 0.01787 | 0.00015  | 0.10854   | 113.6 | 1.45 | 114.1 | 0.95 | 122  | 29   | 114.1 | 0.95  | -0.440140845 |      |
| LZ-76-SC_118.FIN2   | 263   | 0.658174905 | 0.0501  | 0.0011   | 0.0871 | 0.00185 | 0.01277 | 0.00012  | 0.13923   | 84.6  | 1.75 | 81.8  | 0.75 | 174  | 42.5 | 81.8  | 0.75  | 3.309692671  |      |
| LZ-76-SC_119.FIN2   | 388   | 0.863402062 | 0.0488  | 0.0009   | 0.1227 | 0.0024  | 0.0184  | 0.00017  | 0.50591   | 117.3 | 2.15 | 118   | 1.15 | 133  | 37   | 118   | 1.15  | -0.596760443 |      |
| LZ-76-SC_120.FIN2   | 291   | 0.408934708 | 0.0489  | 0.00125  | 0.1012 | 0.00255 | 0.01512 | 0.00013  | 0.16199   | 97.6  | 2.35 | 96.7  | 0.85 | 140  | 50   | 96.7  | 0.85  | 0.922311448  |      |
| LZ-76-SC_121.FIN2   | 588   | 0.356972789 | 0.0493  | 0.00065  | 0.1306 | 0.00165 | 0.01932 | 0.000125 | 0.23244   | 124.5 | 1.45 | 123.3 | 0.8  | 155  | 27   | 123.3 | 0.8   | 0.963855422  |      |
| LZ-76-SC_122.FIN2_1 | 1800  | 0.042055556 | 0.0506  | 0.0016   | 0.176  | 0.009   | 0.0254  | 0.001    | 0.75536   | 164   | 7.5  | 162   | 6    | 210  | 65   | 162   | 6     | 1.219512195  | Rim  |
| LZ-76-SC_122.FIN2_2 | 83.1  | 0.29843562  | 0.0707  | 0.00155  | 1.477  | 0.02985 | 0.1532  | 0.0018   | 0.1458    | 919   | 12   | 919   | 10   | 932  | 45   | 932   | 45    | 1.394849785  | Core |
| LZ-76-SC_123.FIN2   | 181.7 | 0.506329114 | 0.0485  | 0.00085  | 0.1617 | 0.0028  | 0.02442 | 0.000165 | 0.15839   | 151.8 | 2.45 | 155.5 | 1    | 129  | 35   | 155.5 | 1     | -2.437417655 |      |
| LZ-76-SC_124.FIN2   | 290   | 0.313793103 | 0.0499  | 0.00085  | 0.1146 | 0.0019  | 0.01686 | 0.00011  | 0.046972  | 109.9 | 1.75 | 107.8 | 0.7  | 181  | 34.5 | 107.8 | 0.7   | 1.910828025  |      |
| LZ-76-SC_125.FIN2   | 1005  | 0.592039801 | 0.0486  | 0.0005   | 0.1007 | 0.0012  | 0.01511 | 0.000115 | 0.45788   | 97.3  | 1.1  | 96.7  | 0.75 | 125  | 22   | 96.7  | 0.75  | 0.616649538  |      |
| LZ-76-SC_126.FIN2   | 603   | 0.530679934 | 0.049   | 0.0007   | 0.095  | 0.0013  | 0.0142  | 0.0001   | 0.20955   | 92    | 1.2  | 90.9  | 0.6  | 148  | 28.5 | 90.9  | 0.6   | 1.195652174  |      |
| LZ-76-SC_127.FIN2   | 663   | 0.231221719 | 0.05044 | 0.000425 | 0.2249 | 0.00205 | 0.03255 | 0.00017  | 0.35481   | 205.7 | 1.7  | 206.5 | 1.05 | 216  | 19   | 206.5 | 1.05  | -0.388915897 |      |
| LZ-76-SC_128.FIN2   | 771   | 0.011193256 | 0.1006  | 0.00055  | 3.596  | 0.026   | 0.2599  | 0.00145  | 0.64795   | 1546  | 5.5  | 1491  | 7.5  | 1630 | 10   | 1630  | 10    | 8.527607362  |      |
| LZ-76-SC_129.FIN2   | 56.6  | 0.938162544 | 0       |          |        |         |         |          |           |       |      |       |      |      |      |       |       |              |      |

|                             |                 |                        |                   |                    |                   |                   |                    |                     |                     |                  |                 |                  |                 |                |               |                 |                    |                         |  |
|-----------------------------|-----------------|------------------------|-------------------|--------------------|-------------------|-------------------|--------------------|---------------------|---------------------|------------------|-----------------|------------------|-----------------|----------------|---------------|-----------------|--------------------|-------------------------|--|
| LZ-79-SC_13.FIN2            | 409             | 0.34205379             | 0.1085            | 0.00095            | 4.236             | 0.0495            | 0.2868             | 0.00365             | 0.73166             | 1676             | 10              | 1622             | 18              | 1761           | 16            | 1761            | 16                 | 7.893242476             |  |
| LZ-79-SC_14.FIN2            | 188.7           | 0.566507684            | 0.0497            | 0.001              | 0.1181            | 0.00235           | 0.01738            | 0.00016             | 0.18886             | 113              | 2.1             | 111              | 1               | 161            | 39            | 111             | 1                  | 1.769911504             |  |
| LZ-79-SC_15.FIN2            | 332             | 0.578313253            | 0.0512            | 0.0009             | 0.119             | 0.00205           | 0.01703            | 0.000125            | 0.20557             | 113.9            | 1.85            | 108.8            | 0.8             | 229            | 35            | 108.8           | 0.8                | 4.47761194              |  |
| LZ-79-SC_16.FIN2            | 231.2           | 0.569204152            | 0.0482            | 0.0008             | 0.1173            | 0.002             | 0.0178             | 0.000125            | 0.17885             | 112.4            | 1.8             | 113.7            | 0.8             | 109            | 33            | 113.7           | 0.8                | -1.15658363             |  |
| LZ-79-SC_17.FIN2            | 298             | 0.661073826            | 0.0503            | 0.00085            | 0.1199            | 0.0019            | 0.01737            | 0.000125            | 0.13034             | 114.7            | 1.75            | 111              | 0.8             | 199            | 33.5          | 111             | 0.8                | 3.225806452             |  |
| LZ-79-SC_18.FIN2            | 432             | 0.247222222            | 0.0474            | 0.00085            | 0.1063            | 0.00185           | 0.01652            | 0.00015             | 0.039446            | 102.4            | 1.7             | 105.6            | 0.95            | 76             | 33.5          | 105.6           | 0.95               | -3.125                  |  |
| LZ-79-SC_19.FIN2            | 103.4           | 0.666344294            | 0.0512            | 0.0012             | 0.18              | 0.00415           | 0.02568            | 0.00023             | 0.087295            | 167.1            | 3.55            | 163.4            | 1.45            | 219            | 45.5          | 163.4           | 1.45               | 2.214242968             |  |
| LZ-79-SC_20.FIN2            | 835             | 0.473053892            | 0.04795           | 0.000495           | 0.1202            | 0.00125           | 0.01831            | 0.00008             | 0.25032             | 115.2            | 1.15            | 116.9            | 0.5             | 102            | 21            | 116.9           | 0.5                | -1.475694444            |  |
| LZ-79-SC_21.FIN2_1          | 325             | 0.412307692            | 0.0511            | 0.0011             | 0.1184            | 0.00255           | 0.01686            | 0.000145            | 0.16714             | 113.4            | 2.3             | 107.8            | 0.9             | 233            | 44            | 107.8           | 0.9                | 4.938271605             |  |
| LZ-79-SC_21.FIN2_2          | 514             | 0.762840467            | 0.0504            | 0.0012             | 0.1284            | 0.00285           | 0.01868            | 0.000205            | 0.090212            | 122.5            | 2.55            | 119.3            | 1.3             | 206            | 49.5          | 119.3           | 1.3                | 2.612244898             |  |
| LZ-79-SC_22.FIN2            | 234.4           | 0.649317406            | 0.0607            | 0.0006             | 0.893             | 0.0085            | 0.1074             | 0.00065             | 0.28411             | 647.2            | 4.6             | 657.8            | 3.65            | 618            | 21.5          | 657.8           | 3.65               | -1.637824475            |  |
| LZ-79-SC_23.FIN2            | 436.5           | 0.540435281            | 0.0513            | 0.0006             | 0.1779            | 0.0022            | 0.02524            | 0.00015             | 0.29792             | 166              | 1.9             | 160.7            | 0.95            | 253            | 26            | 160.7           | 0.95               | 3.192771084             |  |
| LZ-79-SC_24.FIN2            | 493             | 0.259634888            | 0.0467            | 0.00085            | 0.0975            | 0.00175           | 0.01522            | 0.00015             | 0.27446             | 94.3             | 1.65            | 97.3             | 0.95            | 58             | 34            | 97.3            | 0.95               | -3.181336161            |  |
| LZ-79-SC_25.FIN2            | 295             | 0.542372881            | 0.0506            | 0.00085            | 0.1174            | 0.00195           | 0.01693            | 0.0001              | 0.085254            | 112.5            | 1.8             | 108.2            | 0.65            | 205            | 33            | 108.2           | 0.65               | 3.822222222             |  |
| LZ-79-SC_26.FIN2            | 257             | 0.677042802            | 0.0477            | 0.00095            | 0.1024            | 0.00185           | 0.01578            | 0.000125            | 0.042121            | 98.8             | 1.7             | 100.9            | 0.8             | 87             | 37            | 100.9           | 0.8                | -2.125506073            |  |
| LZ-79-SC_28.FIN2            | 750             | 0.608                  | 0.0482            | 0.00065            | 0.1108            | 0.0015            | 0.01675            | 0.00012             | 0.13013             | 106.6            | 1.35            | 107.1            | 0.75            | 111            | 27.5          | 107.1           | 0.75               | -0.469043152            |  |
| LZ-79-SC_29.FIN2            | 398             | 0.442211055            | 0.0475            | 0.0007             | 0.1108            | 0.0016            | 0.01703            | 0.000105            | 0.071197            | 106.6            | 1.45            | 108.9            | 0.65            | 76             | 30            | 108.9           | 0.65               | -2.157598499            |  |
| LZ-79-SC_30.FIN2            | 299             | 0.460535117            | 0.0501            | 0.00105            | 0.1204            | 0.00235           | 0.01763            | 0.00014             | 0.084952            | 115.1            | 2.1             | 112.6            | 0.85            | 174            | 39.5          | 112.6           | 0.85               | 2.172024327             |  |
| LZ-79-SC_31.FIN2            | 224             | 0.986607143            | 0.0737            | 0.0006             | 1.584             | 0.0225            | 0.1556             | 0.00175             | 0.81777             | 958              | 9               | 931              | 10              | 1028           | 16.5          | 1028            | 16.5               | 9.435797665             |  |
| LZ-79-SC_32.FIN2            | 132.8           | 0.698042169            | 0.049             | 0.0013             | 0.114             | 0.003             | 0.0169             | 0.000185            | 0.043603            | 109.3            | 2.7             | 108.4            | 1.15            | 150            | 50            | 108.4           | 1.15               | 0.823421775             |  |
| LZ-79-SC_33.FIN2            | 263.9           | 0.412277378            | 0.0498            | 0.0007             | 0.1717            | 0.0025            | 0.02521            | 0.00021             | 0.334               | 160.5            | 2.15            | 160.5            | 1.3             | 181            | 29            | 160.5           | 1.3                | 0                       |  |
| LZ-79-SC_34.FIN2            | 791             | 0.410872314            | 0.0484            | 0.0006             | 0.0821            | 0.001             | 0.01234            | 0.000075            | 0.24107             | 80               | 0.95            | 79.08            | 0.48            | 116            | 24            | 79.08           | 0.48               | 1.15                    |  |
| LZ-79-SC_35.FIN2            | 1510            | 0.248344371            | 0.0488            | 0.00055            | 0.1421            | 0.0019            | 0.01624            | 0.000255            | 0.66129             | 135.1            | 1.65            | 136.5            | 1.3             | 136            | 22.5          | 136.5           | 1.6                | -1.03626943             |  |
| LZ-79-SC_36.FIN2            | 310             | 0.338387097            | 0.0495            | 0.001              | 0.0967            | 0.0019            | 0.01434            | 0.000135            | 0.31598             | 93.9             | 1.8             | 91.7             | 0.85            | 156            | 38.5          | 91.7            | 0.85               | 2.342917998             |  |
| LZ-79-SC_37.FIN2            | 372             | 0.15483871             | 0.0496            | 0.00145            | 0.1134            | 0.00335           | 0.01681            | 0.000335            | 0.33147             | 108.9            | 3               | 107.4            | 2.1             | 160            | 60            | 107.4           | 2.1                | 1.377410468             |  |
| LZ-79-SC_38.FIN2            | 179.3           | 0.409369771            | 0.0502            | 0.00135            | 0.1166            | 0.0036            | 0.01734            | 0.000435            | 0.53449             | 111.5            | 3.25            | 110.8            | 2.75            | 180            | 50            | 110.8           | 2.75               | 0.627802691             |  |
| LZ-79-SC_39.FIN2            | 1060            | 0.229433962            | 0.10359           | 0.000415           | 3.984             | 0.0415            | 0.2812             | 0.0029              | 0.89606             | 1628             | 8.5             | 1596             | 14.5            | 1688           | 7.5           | 1688            | 7.5                | 5.450236967             |  |
| LZ-79-SC_40.FIN2            | 464             | 0.478448276            | 0.0501            | 0.00065            | 0.1788            | 0.00225           | 0.02584            | 0.000145            | 0.18976             | 166.8            | 1.95            | 164.5            | 0.9             | 192            | 27            | 164.5           | 0.9                | 1.378896882             |  |
| LZ-79-SC_42.FIN2            | 257             | 0.522957198            | 0.0508            | 0.0009             | 0.1226            | 0.0021            | 0.0176             | 0.00015             | 0.15175             | 117.1            | 1.9             | 112.5            | 0.95            | 216            | 36            | 112.5           | 0.95               | 3.928266439             |  |
| <del>LZ-79-SC_43.FIN2</del> | <del>1860</del> | <del>0.524731183</del> | <del>0.0575</del> | <del>0.00075</del> | <del>0.0852</del> | <del>0.0012</del> | <del>0.01704</del> | <del>0.0001</del>   | <del>0.52023</del>  | <del>82.0</del>  | <del>1.2</del>  | <del>68.8</del>  | <del>0.65</del> | <del>487</del> | <del>28</del> | <del>DISC</del> | <del>INVALID</del> | <del>17.00844201</del>  |  |
| LZ-79-SC_44.FIN2            | 388             | 0.415721649            | 0.0484            | 0.0009             | 0.0819            | 0.0015            | 0.01237            | 0.000105            | 0.24092             | 79.8             | 0.7             | 122              | 36.5            | 79             | 36.5          | 79              | 36.5               | 0.626566416             |  |
| <del>LZ-79-SC_45.FIN2</del> | <del>172</del>  | <del>0.570056407</del> | <del>0.0741</del> | <del>0.0014</del>  | <del>0.1700</del> | <del>0.0022</del> | <del>0.01771</del> | <del>0.00014</del>  | <del>0.080058</del> | <del>167.4</del> | <del>2.8</del>  | <del>112.3</del> | <del>0.0</del>  | <del>082</del> | <del>40</del> | <del>DISC</del> | <del>INVALID</del> | <del>22.37753882</del>  |  |
| LZ-79-SC_46.FIN2            | 290             | 0.34137931             | 0.0475            | 0.0008             | 0.1036            | 0.0017            | 0.01592            | 0.00011             | 0.030976            | 101.8            | 1.55            | 101.8            | 0.7             | 82             | 33            | 101.8           | 0.7                | -1.8                    |  |
| LZ-79-SC_47.FIN2            | 390             | 0.784615385            | 0.0481            | 0.00075            | 0.1241            | 0.0018            | 0.01888            | 0.000135            | 0.19733             | 118.6            | 1.65            | 120.6            | 0.85            | 107            | 30.5          | 120.6           | 0.85               | -1.686340641            |  |
| LZ-79-SC_48.FIN2            | 776             | 0.226804124            | 0.0486            | 0.0005             | 0.1714            | 0.00165           | 0.02564            | 0.000185            | 0.22928             | 160.8            | 1.4             | 163.2            | 1.15            | 128            | 22            | 163.2           | 1.15               | -1.492537313            |  |
| <del>LZ-79-SC_49.FIN2</del> | <del>286</del>  | <del>0.560048187</del> | <del>0.0704</del> | <del>0.00128</del> | <del>0.1673</del> | <del>0.0020</del> | <del>0.01730</del> | <del>0.000005</del> | <del>0.10873</del>  | <del>156.6</del> | <del>2.55</del> | <del>110.5</del> | <del>0.6</del>  | <del>876</del> | <del>27</del> | <del>DISC</del> | <del>INVALID</del> | <del>20.438058575</del> |  |
| LZ-79-SC_50.FIN2            | 105.9           | 0.67516525             | 0.0511            | 0.00145            | 0.1253            | 0.0036            | 0.01778            | 0.00017             | 0.11817             | 119.1            | 3.2             | 113.6            | 1.1             | 220            | 55            | 113.6           | 1.1                | 4.617968094             |  |
| LZ-79-SC_51.FIN2            | 194.7           | 0.635850026            | 0.0481            | 0.0009             | 0.1104            | 0.0023            | 0.01647            | 0.00019             | 0.29403             | 106              | 2.1             | 105.3            | 1.2             | 133            | 39            | 105.3           | 1.2                | 0.660377558             |  |
| LZ-79-SC_52.FIN2            | 149.3           | 0.608841259            | 0.0542            | 0.00145            | 0.1437            | 0.00405           | 0.01936            | 0.00022             | 0.28537             | 135.8            | 3.6             | 123.6            | 1.4             | 340            | 55            | 123.6           | 1.4                | 8.983799705             |  |
| LZ-79-SC_54.FIN2            | 251.6           | 0.578298887            | 0.0514            | 0.0008             | 0.1183            | 0.00185           | 0.01675            | 0.000135            | 0.23753             | 113.3            | 1.7             | 107.1            | 0.85            | 238            | 32.5          | 107.1           | 0.85               | 5.472197705             |  |
| LZ-79-SC_55.FIN2            | 150.9           | 0.567263088            | 0.0507            | 0.00135            | 0.1108            | 0.00275           | 0.01594            | 0.000125            | 0.018645            | 106.2            | 2.5             | 102              | 0.8             | 191            | 49.5          | 102             | 0.8                | 3.95480226              |  |
| LZ-79-SC_56.FIN2            | 797             | 0.619824341            | 0.0486            | 0.0005             | 0.1137            | 0.00125           | 0.01692            | 0.000095            | 0.23601             | 109.3            | 1.15            | 108.2            | 0.6             | 131            | 22.5          | 108.2           | 0.6                | 1.006404392             |  |
| LZ-79-SC_57.FIN2            | 529             | 0.684310019            | 0.0499            | 0.0007             | 0.108             | 0.00145           | 0.01569            | 0.000105            | 0.21557             | 104              | 1.35            | 100.3            | 0.65            | 179            | 28            | 100.3           | 0.65               | 3.557692308             |  |
| LZ-79-SC_58.FIN2            | 288             | 0.598263889            | 0.0487            | 0.0008             | 0.123             | 0.00195           | 0.01825            | 0.000115            | 0.059925            | 117.5            | 1.75            | 116.6            | 0.7             | 138            | 33            | 116.6           | 0.7                | 0.765957447             |  |
| LZ-79-SC_59.FIN2            | 1860            | 0.174193548            | 0.0982            | 0.00085            | 2.761             | 0.0205            | 0.00185            | 0.046575            | 1344                | 5.5              | 1204            | 10               | 1579            | 15             | 1579          | 15              | 23.74920836        |                         |  |
| LZ-79-SC_60.FIN2            | 387             | 0.195607235            | 0.09              | 0.0008             | 2.418             | 0.037             | 0.1946             | 0.0028              | 0.83014             | 1246             | 11              | 1146             | 15              | 1422           | 17            | 1422            | 17                 | 19.4092827              |  |
| LZ-79-SC_62.FIN2            | 394             | 0.246446701            | 0.0498            | 0.00055            | 0.1797            | 0.002             | 0.02614            | 0.000155            | 0.35139             | 167.6            | 1.7             | 166.4            | 1               | 181            | 23.5          | 166.4           | 1                  | 0.715990453             |  |
| LZ-79-SC_63.FIN2            | 467             | 0.700214133            | 0.0493            | 0.00095            | 0.11              | 0.00205           | 0.01616            | 0.00014             | 0.086339            | 105.7            | 1.9             | 103.3            | 0.9             | 149            | 37            | 103.3           | 0.9                | 2.270577105             |  |
| LZ-79-SC_64.FIN2            | 677             | 0.298375185            | 0.0481            | 0.00065            | 0.1006            | 0.00135           | 0.01514            | 0.000095            | 0.28454             | 97.2             | 1.25            | 96.8             | 0.6             | 107            | 26.5          | 96.8            | 0.6                | 0.411522634             |  |
| LZ-79-SC_66.FIN2            | 615             | 0.378536585            | 0.0484            | 0.00055            | 0.1286            | 0.00135           | 0.01933            | 0.000135            | 0.2158              | 122.7            | 1.2             | 123.4            | 0.85            | 125            | 23.5          | 123.4           | 0.85               | -0.570497148            |  |
| LZ-79-SC_68.FIN2            | 109.4           | 0.517367459            | 0.0469            | 0.0013             | 0.1121            | 0.0029            | 0.01753            | 0.000185            | 0.060624            | 107.4            | 2.65            | 112              | 1.15            | 50             | 50            | 112             | 1.15               | -4.283054004            |  |
| LZ-79-SC_69.FIN2            | 510             | 0.901960784            | 0.0526            | 0.00175            | 0.1113            | 0.00355           | 0.01548            | 0.00016             | 0.05684             | 108              | 3.05            | 99               | 1.05            | 290            | 60            | 99              | 1.05               | 8.333333333             |  |
| LZ-79-SC_70.FIN2            | 151.1           | 0.44606221             | 0.048             | 0.0012             | 0.1077            | 0.0025            | 0.01655            | 0.000215            | 0.22342             | 104              | 2.35            | 105.8            | 1.35            | 90             | 45.5          | 105.8           | 1.35               | -1.730769231            |  |
| LZ-79-SC_71.FIN2            | 86.1            | 0.677119628            | 0.0496            | 0.00145            | 0.12              | 0.00345           | 0.01774            | 0.00016             | 0.15389             | 114.4            | 3.1             | 113.3            | 1.05            | 140            | 55            | 113.3           | 1.05               | 0.961538462             |  |
| LZ-79-SC_72.FIN2            | 644             | 0.568322981            | 0.0477            | 0.00065            | 0.0967            | 0.0013            | 0.01464            | 0.0001              | 0.23759             | 93.6             | 1.2             | 93.7             | 0.6             | 96             | 26.5          | 93.7            | 0.6                | -0.106837607            |  |
| LZ-79-SC_73.FIN2            | 877             | 0.611174458            | 0.0481            | 0.00065            | 0.076             | 0.00105           | 0.01154            | 0.00012             | 0.34472             | 74.6             | 1               | 74               | 0.75            | 111            | 27.5          | 74              | 0.75               | 0.804289544             |  |
| LZ-79-SC_74.FIN2            | 435             | 0.402298851            | 0.049             |                    |                   |                   |                    |                     |                     |                  |                 |                  |                 |                |               |                 |                    |                         |  |

|                     |       |             |         |         |        |         |         |          |           |       |      |       |      |      |      |       |      |              |          |
|---------------------|-------|-------------|---------|---------|--------|---------|---------|----------|-----------|-------|------|-------|------|------|------|-------|------|--------------|----------|
| LZ-79-SC_102.FIN2   | 154   | 0.555844156 | 0.0493  | 0.00105 | 0.1251 | 0.0028  | 0.01823 | 0.00018  | 0.20632   | 119.2 | 2.5  | 116.5 | 1.15 | 166  | 42.5 | 116.5 | 1.15 | 2.265100671  | Rim Core |
| LZ-79-SC_103.FIN2   | 1438  | 0.552155772 | 0.04894 | 0.00042 | 0.1199 | 0.00125 | 0.01761 | 0.000125 | 0.55799   | 114.9 | 1.1  | 112.6 | 0.8  | 143  | 18.5 | 112.6 | 0.8  | 2.001740644  |          |
| LZ-79-SC_104.FIN2   | 444   | 0.400909001 | 0.0495  | 0.00135 | 0.0999 | 0.003   | 0.01457 | 0.00024  | 0.37811   | 96.4  | 2.75 | 93.2  | 1.55 | 160  | 55   | 93.2  | 1.55 | 3.319502075  | Rim Core |
| LZ-79-SC_105.FIN2   | 944   | 0.47404661  | 0.0505  | 0.0007  | 0.1226 | 0.0016  | 0.01743 | 0.0001   | 0.054263  | 117.3 | 1.45 | 111.4 | 0.65 | 210  | 29.5 | 111.4 | 0.65 | 5.029838022  |          |
| LZ-79-SC_109.FIN2   | 368   | 0.475543478 | 0.0488  | 0.00075 | 0.1168 | 0.0017  | 0.01737 | 0.00012  | 0.29253   | 112.8 | 1.65 | 111   | 0.75 | 133  | 30   | 111   | 0.75 | 1.595744681  | Rim Core |
| LZ-79-SC_109.FIN2   | 1045  | 0.437320574 | 0.0491  | 0.0005  | 0.1155 | 0.0012  | 0.01699 | 0.000115 | 0.33109   | 110.9 | 1.1  | 108.6 | 0.7  | 151  | 21.5 | 108.6 | 0.7  | 2.073940487  |          |
| LZ-79-SC_110.FIN2_1 | 373   | 0.54691689  | 0.0497  | 0.00185 | 0.0829 | 0.0035  | 0.0121  | 0.00029  | 0.43042   | 80.7  | 3.25 | 77.5  | 1.85 | 170  | 75   | 77.5  | 1.85 | 3.965303594  | Rim Core |
| LZ-79-SC_110.FIN2_2 | 787   | 0.777636595 | 0.0498  | 0.00115 | 0.1045 | 0.00235 | 0.01538 | 0.00034  | 0.42726   | 100.8 | 2.15 | 98.4  | 2.15 | 178  | 46   | 98.4  | 2.15 | 2.380952381  |          |
| LZ-79-SC_111.FIN2   | 292.1 | 0.501540568 | 0.05    | 0.0007  | 0.171  | 0.0025  | 0.02477 | 0.00016  | 0.27991   | 159.9 | 2.2  | 157.7 | 1    | 185  | 29   | 157.7 | 1    | 1.375859912  | Rim Core |
| LZ-79-SC_112.FIN2   | 174   | 0.567816092 | 0.0487  | 0.0014  | 0.1427 | 0.0041  | 0.02128 | 0.000205 | 0.10925   | 134.8 | 3.6  | 135.7 | 1.3  | 120  | 55   | 135.7 | 1.3  | -0.667655786 |          |
| LZ-79-SC_113.FIN2   | 59.6  | 1.05033557  | 0.0902  | 0.00205 | 2.084  | 0.0475  | 0.1685  | 0.004    | 0.50562   | 1139  | 16   | 1003  | 22   | 1406 | 45   | 1406  | 45   | 28.6628734   | Rim Core |
| LZ-79-SC_114.FIN2   | 209.2 | 0.57456979  | 0.0497  | 0.00105 | 0.1197 | 0.00235 | 0.01759 | 0.000115 | 0.095541  | 114.5 | 2.1  | 112.4 | 0.75 | 162  | 40.5 | 112.4 | 0.75 | 1.834061135  |          |
| LZ-79-SC_115.FIN2   | 231   | 0.477056277 | 0.0489  | 0.00095 | 0.1245 | 0.0023  | 0.01861 | 0.000125 | -0.029019 | 118.8 | 2.05 | 118.9 | 0.8  | 134  | 38   | 118.9 | 0.8  | -0.084175084 | Rim Core |
| LZ-79-SC_116.FIN2   | 618   | 0.59223301  | 0.0491  | 0.0006  | 0.1168 | 0.0014  | 0.01725 | 0.000095 | 0.28487   | 112.1 | 1.25 | 110.2 | 0.6  | 151  | 24.5 | 110.2 | 0.6  | 1.694915254  |          |
| LZ-79-SC_118.FIN2   | 173.2 | 0.652424942 | 0.0474  | 0.00135 | 0.1112 | 0.00305 | 0.01704 | 0.00016  | -0.067182 | 106.7 | 2.8  | 108.9 | 1    | 90   | 55   | 108.9 | 1    | -2.06185567  | Rim Core |
| LZ-79-SC_119.FIN2   | 561   | 0.464349376 | 0.0511  | 0.0008  | 0.122  | 0.00205 | 0.01758 | 0.000245 | 0.46918   | 116.7 | 1.85 | 112.3 | 1.55 | 227  | 32.5 | 112.3 | 1.55 | 3.770351328  |          |
| LZ-79-SC_120.FIN2   | 269   | 0.26802974  | 0.0477  | 0.00105 | 0.0963 | 0.00205 | 0.01485 | 0.000175 | 0.13677   | 93.1  | 1.9  | 95    | 1.1  | 94   | 42.5 | 95    | 1.1  | -2.040816327 | Rim Core |
| LZ-79-SC_121.FIN2   | 382   | 0.465968586 | 0.0478  | 0.00085 | 0.1109 | 0.00195 | 0.01687 | 0.00012  | 0.15226   | 107.1 | 1.85 | 107.8 | 0.75 | 96   | 34   | 107.8 | 0.75 | -0.653594771 |          |
| LZ-79-SC_123.FIN2   | 1034  | 0.203481625 | 0.0559  | 0.0007  | 0.1391 | 0.0017  | 0.01814 | 0.000145 | 0.3159    | 132.1 | 1.5  | 115.9 | 0.95 | 423  | 26.5 | 115.9 | 0.95 | 12.26343679  | Rim Core |
| LZ-79-SC_124.FIN2   | 150.2 | 0.428095872 | 0.051   | 0.0012  | 0.1064 | 0.0025  | 0.01518 | 0.000155 | 0.23158   | 102.2 | 2.3  | 97.4  | 1    | 207  | 46.5 | 97.4  | 1    | 4.69667319   |          |
| LZ-79-SC_125.FIN2   | 650   | 0.561538462 | 0.0487  | 0.00055 | 0.1167 | 0.0014  | 0.01748 | 0.00013  | 0.38459   | 112   | 1.25 | 111.7 | 0.8  | 131  | 23.5 | 111.7 | 0.8  | 0.267857143  | Rim Core |
| LZ-79-SC_126.FIN2   | 367   | 0.29400545  | 0.0505  | 0.0009  | 0.1197 | 0.00215 | 0.01733 | 0.000155 | 0.20855   | 114.6 | 1.95 | 110.7 | 0.95 | 204  | 36   | 110.7 | 0.95 | 3.403141361  |          |
| LZ-79-SC_127.FIN2_1 | 595   | 0.053781513 | 0.046   | 0.0021  | 0.0759 | 0.00465 | 0.01199 | 0.00045  | 0.6323    | 74.2  | 4.35 | 76.9  | 2.85 | 20   | 90   | 76.9  | 2.85 | -3.638814016 | Rim Core |
| LZ-79-SC_127.FIN2_2 | 589   | 1.132427844 | 0.0501  | 0.0006  | 0.1575 | 0.0018  | 0.02288 | 0.00014  | 0.2011    | 148.3 | 1.55 | 145.8 | 0.9  | 192  | 25   | 145.8 | 0.9  | 1.685772084  |          |
| LZ-79-SC_128.FIN2   | 606   | 0.437293729 | 0.0505  | 0.0012  | 0.0871 | 0.00195 | 0.0126  | 0.000135 | 0.192     | 84.6  | 1.85 | 80.7  | 0.85 | 198  | 47.5 | 80.7  | 0.85 | 4.609929078  | Rim Core |
| LZ-79-SC_129.FIN2   | 458   | 0.338427948 | 0.0497  | 0.00105 | 0.1281 | 0.0028  | 0.01865 | 0.000185 | 0.20526   | 122.1 | 2.5  | 119.1 | 1.15 | 179  | 43   | 119.1 | 1.15 | 2.457002457  |          |
| LZ-79-SC_130.FIN2   | 183.4 | 0.86695747  | 0.048   | 0.00105 | 0.1078 | 0.00245 | 0.01628 | 0.00013  | 0.23151   | 103.5 | 2.25 | 104.1 | 0.85 | 99   | 41.5 | 104.1 | 0.85 | -0.579710145 | Rim Core |
| LZ-79-SC_131.FIN2   | 210.2 | 0.597050428 | 0.0504  | 0.00095 | 0.1105 | 0.00205 | 0.01599 | 0.00013  | 0.15479   | 106.2 | 1.85 | 102.3 | 0.8  | 202  | 38.5 | 102.3 | 0.8  | 3.672316384  |          |
| LZ-79-SC_132.FIN2   | 173.2 | 0.678983834 | 0.05    | 0.00185 | 0.0786 | 0.00285 | 0.01551 | 0.00016  | 0.036798  | 76.6  | 2.7  | 73.8  | 1    | 170  | 70   | 73.8  | 1    | 3.65535248   | Rim Core |
| LZ-79-SC_133.FIN2   | 628   | 0.479299363 | 0.0481  | 0.0006  | 0.0978 | 0.00125 | 0.01475 | 0.000085 | 0.16588   | 94.6  | 1.15 | 94.4  | 0.55 | 107  | 26   | 94.4  | 0.55 | 0.21141649   |          |
| LZ-79-SC_134.FIN2   | 284   | 0.542253521 | 0.0474  | 0.00085 | 0.1117 | 0.0021  | 0.01709 | 0.000165 | 0.26493   | 107.3 | 1.9  | 109.2 | 1.05 | 83   | 35   | 109.2 | 1.05 | -1.770736253 | Rim Core |
| LZ-79-SC_135.FIN2_1 | 432   | 0.597222222 | 0.0477  | 0.0018  | 0.0784 | 0.0027  | 0.01223 | 0.000215 | 0.33489   | 76.5  | 2.55 | 78.3  | 1.35 | 80   | 70   | 78.3  | 1.35 | -2.352941176 |          |
| LZ-79-SC_135.FIN2_2 | 573.3 | 0.69823827  | 0.0509  | 0.0009  | 0.2727 | 0.0047  | 0.03913 | 0.00038  | 0.19031   | 244.5 | 3.75 | 247.4 | 2.35 | 225  | 39   | 247.4 | 2.35 | -1.18609407  | Rim Core |
| LZ-79-SC_136.FIN2   | 814   | 0.42383924  | 0.0567  | 0.0006  | 0.2457 | 0.0046  | 0.0316  | 0.00055  | 0.84847   | 222   | 3.8  | 200.2 | 3.55 | 483  | 22   | 200.2 | 3.55 | 9.81981982   |          |
| LZ-79-SC_137.FIN2   | 1218  | 0.183908046 | 0.0521  | 0.00095 | 0.128  | 0.00245 | 0.01796 | 0.00029  | 0.49509   | 122.2 | 2.2  | 114.8 | 1.85 | 277  | 40   | 114.8 | 1.85 | 6.055646481  | Rim Core |
| LZ-79-SC_138.FIN2   | 451.6 | 0.484499557 | 0.0483  | 0.0008  | 0.096  | 0.0016  | 0.01439 | 0.000105 | 0.20996   | 92.9  | 1.5  | 92.1  | 0.65 | 114  | 32.5 | 92.1  | 0.65 | 0.861141012  |          |
| LZ-79-SC_139.FIN2   | 448.1 | 0.540504352 | 0.0501  | 0.00125 | 0.1237 | 0.003   | 0.01807 | 0.000215 | 0.22133   | 118.2 | 2.7  | 115.4 | 1.35 | 187  | 49.5 | 115.4 | 1.35 | 2.368866328  | Rim Core |
| LZ-79-SC_140.FIN2   | 590   | 0.883050847 | 0.0492  | 0.00055 | 0.1771 | 0.00185 | 0.02633 | 0.000125 | 0.1303    | 165.4 | 1.6  | 167.5 | 0.75 | 153  | 23   | 167.5 | 0.75 | -1.269649335 |          |

Sample Name: EM3-4

| Analysis #    | [U] ppm | Th/U        | 207/206 | 1σ error | 207/235 | 1σ error | 206/238 | 1σ error | RHO        | Age (Ma) | 1σ error | Age (Ma) | 1σ error | Age (Ma) | 1σ error | % Discordance* | Rim/Core |              |
|---------------|---------|-------------|---------|----------|---------|----------|---------|----------|------------|----------|----------|----------|----------|----------|----------|----------------|----------|--------------|
| EM3-4_1.FIN2  | 170     | 0.462941176 | 0.057   | 0.0014   | 0.1322  | 0.00315  | 0.01691 | 0.00015  | 0.10855    | 125.5    | 2.8      | 108.1    | 0.95     | 430      | 50       | 108.1          | 0.95     | 13.86454183  |
| EM3-4_2.FIN2  | 492     | 0.21300813  | 0.0484  | 0.00065  | 0.11    | 0.0017   | 0.01645 | 0.00014  | 0.45739    | 105.8    | 1.55     | 105.2    | 0.9      | 120      | 27       | 105.2          | 0.9      | 0.56710775   |
| EM3-4_3.FIN2  | 383.7   | 0.511858223 | 0.0488  | 0.0008   | 0.0862  | 0.00135  | 0.01286 | 0.00008  | 0.19084    | 83.8     | 1.25     | 82.4     | 0.5      | 134      | 32       | 82.4           | 0.5      | 1.670644391  |
| EM3-4_4.FIN2  | 840     | 0.367857143 | 0.0556  | 0.00085  | 0.0916  | 0.00165  | 0.01196 | 0.000115 | 0.43939    | 88.8     | 1.5      | 76.7     | 0.75     | 397      | 32.5     | 76.7           | 0.75     | 13.62612613  |
| EM3-4_5.FIN2  | 774     | 0.608527132 | 0.049   | 0.0005   | 0.1291  | 0.0014   | 0.01916 | 0.000125 | 0.37026    | 123.2    | 1.25     | 122.4    | 0.8      | 145      | 22.5     | 122.4          | 0.8      | 0.649350649  |
| EM3-4_6.FIN2  | 597     | 0.376884422 | 0.0512  | 0.00085  | 0.0847  | 0.00155  | 0.01185 | 0.00009  | 0.30265    | 82.4     | 1.45     | 75.9     | 0.6      | 233      | 34       | 75.9           | 0.6      | 7.888349515  |
| EM3-4_7.FIN2  | 603     | 0.223548922 | 0.0471  | 0.00055  | 0.0953  | 0.0011   | 0.01474 | 0.000095 | 0.28588    | 92.3     | 1.05     | 94.3     | 0.6      | 65       | 23.5     | 94.3           | 0.6      | -2.166847237 |
| EM3-4_8.FIN2  | 628     | 0.616242038 | 0.0496  | 0.00065  | 0.1275  | 0.0017   | 0.01865 | 0.00013  | 0.30207    | 121.7    | 1.5      | 119.1    | 0.85     | 174      | 26.5     | 119.1          | 0.85     | 2.136400986  |
| EM3-4_9.FIN2  | 434     | 0.51843318  | 0.0487  | 0.00085  | 0.1115  | 0.0019   | 0.01659 | 0.000115 | 0.1482     | 107.1    | 1.7      | 106      | 0.75     | 127      | 34       | 106            | 0.75     | 1.027077498  |
| EM3-4_10.FIN2 | 376     | 0.284042553 | 0.0477  | 0.00085  | 0.1019  | 0.00175  | 0.01555 | 0.00011  | 0.062555   | 98.3     | 1.6      | 99.5     | 0.7      | 89       | 34       | 99.5           | 0.7      | -1.220752798 |
| EM3-4_11.FIN2 | 215     | 0.386046512 | 0.0511  | 0.00145  | 0.1216  | 0.00335  | 0.01707 | 0.000265 | 0.11271    | 116.1    | 3        | 109.1    | 1.7      | 240      | 60       | 109.1          | 1.7      | 6.029285099  |
| EM3-4_12.FIN2 | 173.6   | 0.411866359 | 0.0495  | 0.00105  | 0.1275  | 0.00305  | 0.01871 | 0.000225 | 0.36819    | 122      | 2.8      | 119.4    | 1.4      | 178      | 43.5     | 119.4          | 1.4      | 2.131147541  |
| EM3-4_13.FIN2 | 142.8   | 0.803221289 | 0.1056  | 0.0007   | 4.296   | 0.0305   | 0.2957  | 0.0017   | 0.55768    | 1690     | 6        | 1669     | 8.5      | 1717     | 12       | 1717           | 12       | 2.795573675  |
| EM3-4_14.FIN2 | 1552    | 0.353092784 | 0.10689 | 0.000425 | 4.548   | 0.0285   | 0.3077  | 0.00175  | 0.74151    | 1739     | 5.5      | 1729     | 8.5      | 1746     | 7.5      | 1746           | 7.5      | 0.973654066  |
| EM3-4_15.FIN2 | 738     | 0.529810298 | 0.0566  | 0.00105  | 0.1394  | 0.00255  | 0.0177  | 0.000195 | 0.2598     | 132.3    | 2.25     | 113.1    | 1.2      | 450      | 41       | 113.1          | 1.2      | 14.51247166  |
| EM3-4_16.FIN2 | 587     | 0.427597956 | 0.0499  | 0.00065  | 0.1054  | 0.00125  | 0.01537 | 0.00008  | 0.075499   | 101.6    | 1.15     | 98.3     | 0.5      | 191      | 27.5     | 98.3           | 0.5      | 3.248031496  |
| EM3-4_17.FIN2 | 320     | 0.58125     | 0.052   | 0.00105  | 0.1261  | 0.00275  | 0.01763 | 0.000125 | 0.28789    | 120.1    | 2.45     | 112.7    | 0.8      | 254      | 40.5     | 112.7          | 0.8      | 6.161532057  |
| EM3-4_18.FIN2 | 396     | 0.192424242 | 0.0481  | 0.00075  | 0.0981  | 0.00145  | 0.01472 | 0.00009  | 0.10132    | 94.9     | 1.35     | 94.2     | 0.55     | 118      | 31.5     | 94.2           | 0.55     | 0.737618546  |
| EM3-4_19.FIN2 | 439     | 0.546697039 | 0.049   | 0.00075  | 0.1182  | 0.00195  | 0.01748 | 0.000145 | 0.40508    | 113.2    | 1.75     | 111.7    | 0.95     | 158      | 32       | 111.7          | 0.95     | 1.325088339  |
| EM3-4_20.FIN2 | 955     | 0.6         | 0.049   | 0.0009   | 0.0749  | 0.0012   | 0.01123 | 0.000095 | 0.16506    | 73.3     | 1.1      | 72       | 0.6      | 145      | 36.5     | 72             | 0.6      | 1.773533424  |
| EM3-4_21.FIN2 | 1200    | 0.463333333 | 0.0501  | 0.0005   | 0.1341  | 0.0015   | 0.01947 | 0.000125 | 0.38155    | 127.6    | 1.35     | 124      | 0.8      | 191      | 22       | 124            | 0.8      | 2.586206897  |
| EM3-4_22.FIN2 | 159.5   | 0.892789099 | 0.0519  | 0.0014   | 0.6014  | 0.0028   | 0.1666  | 0.000145 | -0.0054383 | 108.8    | 2.6      | 102.7    | 0.95     | 240      | 50       | 102.7          | 0.95     | 5.606617649  |
| EM3-4_23.FIN2 | 526     | 0.688212928 | 0.0482  | 0.0008   | 0.1058  | 0.00155  | 0.01538 | 0.000085 | -0.1051    | 99       | 1.05     | 98.5     | 0.5      | 135      | 32.5     | 97.7           | 0.5      | -0.707070707 |
| EM3-4_24.FIN2 | 72      | 0.318559557 | 0.048   | 0.0006   | 0.0947  | 0.0012   | 0.01435 | 0.000075 | -0.065315  | 91.8     | 1.1      | 91.84    | 0.48     | 103      | 25       | 91.84          | 0.48     | -0.043732985 |
| EM3-4_25.FIN2 | 187.8   | 0.573482428 | 0.0475  | 0.0012   | 0.1008  | 0.00255  | 0.01154 | 0.00012  | 0.13865    | 97.1     | 2.35     | 98.5     | 0.75     | 90       | 47       | 98.5           | 0.75     | -1.441812564 |
| EM3-4_26.FIN2 | 464     | 0.415948276 | 0.048   | 0.001    | 0.0736  | 0.0014   | 0.01028 | 0.00009  | 0.044671   | 72       | 1.3      | 72.3     | 0.6      | 97       | 38.5     | 72.3           | 0.6      | -0.416666667 |
| EM3-4_27.FIN2 | 582     | 1.546391753 | 0.0505  | 0.00095  | 0.0995  | 0.00165  | 0.01445 | 0.00015  | 0.15797    | 96.2     | 1.55     | 92.4     | 0.95     | 196      | 36       | 92.4           | 0.95     | 3.95010395   |
| EM3-4_28.FIN2 | 209.4   | 0.523877746 | 0.0516  | 0.0008   | 0.1899  | 0.00305  | 0.02683 | 0.000205 | 0.28049    | 176.1    | 2.6      | 170.7    | 1.3      | 246      | 32.5     | 170.7          | 1.3      | 3.066439523  |
| EM3-4_29.FIN2 | 352     | 0.572159091 | 0.0493  | 0.00095  | 0.1064  | 0.0019   | 0.01579 | 0.000165 | 0.19286    | 102.5    | 1.75     | 101      | 1.05     | 146      | 37       | 101            | 1.05     | 1.463414634  |
| EM3-4_30.FIN2 | 492     | 0.440243902 | 0.0483  | 0.0007   | 0.0992  | 0.00135  | 0.0151  | 0.0001   | 0.15876    | 96.2     | 1.3      | 96.6     | 0.65     | 115      | 29       | 96.6           | 0.65     | -0.415800416 |
| EM3-4_31.FIN2 | 452     | 0.469469027 | 0.0506  | 0.0008   | 0.1238  | 0.002    | 0.01774 | 0.000105 | 0.12344    | 118.2    | 1.8      | 113.4    | 0.65     | 208      | 31       | 113.4          | 0.65     | 4.060913706  |
| EM3-4_32.FIN2 | 948     | 0.432489451 | 0.0494  | 0.0005   | 0.1165  | 0.00115  | 0.0173  | 0.00008  | 0.19159    | 111.8    | 1.05     | 110.6    | 0.5      | 160      | 22       | 110.6          | 0.5      | 1.073345259  |
| EM3-4_33.FIN2 | 1163    | 0.095012898 | 0.0543  | 0.00055  | 0.3052  | 0.00395  | 0.04114 | 0.000485 | 0.72382    | 269.8    | 3.1      | 259.8    | 3        | 365      | 22       | 259.8          | 3        | 3.706449222  |
| EM3-4_34.FIN2 | 236     | 0.79276661  | 0.0518  | 0.00115  | 0.1134  | 0.00225  | 0.0162  | 0.00016  | 0.014269   | 108.8    | 2.05     | 103.6    | 1        | 251      | 43.5     | 103.6          | 1        | 4.779411765  |
| EM3-4_35.FIN2 | 743     | 0.763122476 | 0.0509  | 0.001    | 0.1252  | 0.0023   | 0.01816 | 0.000115 | 0.17356    | 119.4    | 2.05     | 116      | 0.7      | 226      | 39       | 116            | 0.7      | 2.847571189  |
| EM3-4_36.FIN2 | 56.2    | 0.494661922 | 0.0484  | 0.00195  | 0.0992  | 0.00095  | 0.01518 | 0.000195 | 0.082099   | 95       | 3.6      | 97.1     | 1.25     | 80       | 70       | 97.1           | 1.25     | -2.210526316 |
| EM3-4_37.FIN2 | 108.8   | 0.622242647 | 0.0502  | 0.00145  | 0.1363  | 0.0038   | 0.01991 | 0.00018  | -0.069109  | 128.9    | 3.35     | 127.1    | 1.15     | 180      | 55       | 127.1          | 1.15     | 1.396431342  |
| EM3-4_38.FIN2 | 174     | 0.833333333 | 0.0508  | 0.00215  | 0.0875  | 0.0036   | 0.01264 | 0.00017  | 0.036105   | 84.3     | 3.35     | 81       | 1.1      | 190      | 75       | 81             | 1.1      | 3.914590747  |
| EM3-4_39.FIN2 | 502     | 0.363879004 | 0.0489  | 0.00065  | 0.1171  | 0.0015   | 0.01765 | 0.000125 | 0.24579    | 112.3    | 1.4      | 112.8    | 0.8      | 137      | 27       | 112.8          | 0.8      | -0.445235975 |
| EM3-4_40.FIN2 | 828     | 0.943236715 | 0.0482  | 0.00055  | 0.1012  | 0.0011   | 0.01539 | 0.0001   | 0.33723    | 97.8     | 1.05     | 98.4     | 0.65     | 110      | 22       | 98.4           | 0.65     | -0.613496933 |
| EM3-4_41.FIN2 | 518     | 1.274131274 | 0.05    | 0.00095  | 0.1171  | 0.00215  | 0.01701 | 0.000135 | 0.062914   | 112.2    | 1.95     | 108.7    | 0.85     | 185      | 38       | 108.7          | 0.85     | 3.11942959   |
| EM3-4_42.FIN2 | 1089.4  | 0.725169818 | 0.04935 | 0.00041  | 0.1265  | 0.00105  | 0.01876 | 0.00008  | 0.26277    | 120.9    | 0.95     | 119.8    | 0.5      | 159      | 18       | 119.8          | 0.5      | 0.909842845  |

|                 |       |             |         |          |        |         |         |          |            |       |      |       |       |     |      |       |       |              |
|-----------------|-------|-------------|---------|----------|--------|---------|---------|----------|------------|-------|------|-------|-------|-----|------|-------|-------|--------------|
| EM3-4_43.FIN2   | 498   | 0.728915663 | 0.0497  | 0.0006   | 0.1801 | 0.0022  | 0.02659 | 0.000185 | 0.34884    | 167.9 | 1.85 | 169.1 | 1.15  | 174 | 24.5 | 169.1 | 1.15  | -0.714711138 |
| EM3-4_44.FIN2   | 652   | 0.510178082 | 0.0657  | 0.00075  | 0.205  | 0.00205 | 0.02313 | 0.000165 | 0.1522     | 180.1 | 1.7  | 177.3 | 1.05  | 224 | 24   | DISC  | AVAIL | 0.21047065   |
| EM3-4_45.FIN2   | 221   | 0.536199095 | 0.0497  | 0.00115  | 0.1092 | 0.0024  | 0.01622 | 0.00011  | 0.13738    | 104.9 | 2.2  | 103.7 | 0.7   | 162 | 44   | 103.7 | 0.7   | 1.143946616  |
| EM3-4_46.FIN2_1 | 1003  | 0.334995015 | 0.0507  | 0.0008   | 0.1051 | 0.0019  | 0.01488 | 0.00015  | 0.40579    | 101.4 | 1.75 | 95.2  | 0.95  | 218 | 35   | 95.2  | 0.95  | 6.114398422  |
| EM3-4_46.FIN2_2 | 887   | 0.535512965 | 0.052   | 0.00095  | 0.1162 | 0.00215 | 0.01616 | 0.000165 | 0.33638    | 111.5 | 1.95 | 103.3 | 1.05  | 272 | 38.5 | 103.3 | 1.05  | 7.354260067  |
| EM3-4_47.FIN2   | 374   | 0.666042781 | 0.0506  | 0.00105  | 0.1198 | 0.00225 | 0.01751 | 0.00012  | 0.40098    | 114.7 | 2.05 | 111.9 | 0.75  | 198 | 40.5 | 111.9 | 0.75  | 2.441150828  |
| EM3-4_48.FIN2   | 717   | 0.437935844 | 0.0505  | 0.0007   | 0.1032 | 0.0014  | 0.01502 | 0.000095 | 0.1436     | 99.6  | 1.25 | 96.1  | 0.6   | 204 | 29   | 96.1  | 0.6   | 3.514056225  |
| EM3-4_49.FIN2   | 383   | 0.248041775 | 0.0488  | 0.00085  | 0.0881 | 0.00145 | 0.01327 | 0.00009  | 0.11463    | 85.6  | 1.35 | 85    | 0.55  | 130 | 33.5 | 85    | 0.55  | 0.700934579  |
| EM3-4_50.FIN2   | 693   | 0.678210678 | 0.0482  | 0.00055  | 0.1078 | 0.0013  | 0.01635 | 0.000085 | 0.25333    | 103.8 | 1.2  | 104.6 | 0.55  | 116 | 24   | 104.6 | 0.55  | -0.770712909 |
| EM3-4_51.FIN2   | 519   | 0.410404624 | 0.0486  | 0.0011   | 0.0997 | 0.00215 | 0.01497 | 0.00014  | 0.17387    | 96.3  | 2    | 95.8  | 0.9   | 127 | 44.5 | 95.8  | 0.9   | 0.5192108    |
| EM3-4_52.FIN2   | 161.6 | 0.739480198 | 0.0514  | 0.0012   | 0.126  | 0.003   | 0.01786 | 0.000165 | 0.22405    | 120   | 2.7  | 114.1 | 1.05  | 235 | 46.5 | 114.1 | 1.05  | 4.916666667  |
| EM3-4_53.FIN2   | 598   | 0.341304348 | 0.0481  | 0.0006   | 0.0993 | 0.00115 | 0.01512 | 0.00008  | 0.018469   | 96    | 1.1  | 96.72 | 0.495 | 115 | 25.5 | 96.72 | 0.495 | -0.75        |
| EM3-4_55.FIN2   | 142.7 | 0.615977575 | 0.0476  | 0.00115  | 0.111  | 0.00245 | 0.01736 | 0.00016  | 0.049034   | 106.6 | 2.2  | 111   | 1     | 73  | 43.5 | 111   | 1     | -4.127579737 |
| EM3-4_56.FIN2   | 247.8 | 1.920903955 | 0.0546  | 0.0006   | 0.487  | 0.005   | 0.06558 | 0.000405 | 0.23235    | 402.1 | 3.55 | 409.4 | 2.45  | 384 | 24   | 409.4 | 2.45  | -1.815468789 |
| EM3-4_57.FIN2   | 107.3 | 0.421248835 | 0.0486  | 0.0013   | 0.1199 | 0.00335 | 0.01819 | 0.000215 | 0.23316    | 114.4 | 3.05 | 116.2 | 1.35  | 110 | 50   | 116.2 | 1.35  | -1.573426573 |
| EM3-4_58.FIN2   | 200.1 | 0.412793603 | 0.049   | 0.00105  | 0.1182 | 0.0024  | 0.01771 | 0.00016  | 0.11374    | 113.1 | 2.15 | 113.2 | 1     | 139 | 40.5 | 113.2 | 1     | -0.08841733  |
| EM3-4_59.FIN2   | 347   | 0.379538905 | 0.0529  | 0.00085  | 0.175  | 0.00285 | 0.02438 | 0.0002   | 0.27996    | 163.3 | 2.45 | 155.2 | 1.25  | 307 | 34   | 155.2 | 1.25  | 4.960195958  |
| EM3-4_60.FIN2   | 483   | 0.703933747 | 0.0506  | 0.0007   | 0.119  | 0.00165 | 0.01736 | 0.00012  | 0.1937     | 114.4 | 1.5  | 111   | 0.75  | 208 | 29   | 111   | 0.75  | 2.972027972  |
| EM3-4_61.FIN2   | 564   | 0.524822695 | 0.0478  | 0.00055  | 0.1228 | 0.00135 | 0.01837 | 0.0001   | 0.19386    | 117.5 | 1.25 | 120.5 | 0.65  | 97  | 23   | 120.5 | 0.65  | -2.553191489 |
| EM3-4_62.FIN2   | 158   | 0.362025316 | 0.0479  | 0.0011   | 0.1189 | 0.00285 | 0.01831 | 0.00016  | 0.27975    | 113.6 | 2.55 | 116.9 | 1.05  | 108 | 44   | 116.9 | 1.05  | -2.904929577 |
| EM3-4_63.FIN2   | 79.4  | 0.554156171 | 0.0504  | 0.00185  | 0.0793 | 0.0028  | 0.01179 | 0.000145 | 0.16475    | 77.6  | 2.7  | 75.6  | 0.9   | 140 | 65   | 75.6  | 0.9   | 2.577319588  |
| EM3-4_64.FIN2   | 196   | 0.414795918 | 0.0502  | 0.0009   | 0.168  | 0.00275 | 0.02495 | 0.0002   | 0.18821    | 157.2 | 2.4  | 158.9 | 1.25  | 184 | 35   | 158.9 | 1.25  | -1.081424936 |
| EM3-4_65.FIN2   | 602   | 1.348837209 | 0.0506  | 0.0006   | 0.1582 | 0.00235 | 0.02315 | 0.000295 | 0.61555    | 148.8 | 2.05 | 147.5 | 1.85  | 213 | 25   | 147.5 | 1.85  | 0.873655914  |
| EM3-4_66.FIN2   | 1627  | 0.836508912 | 0.04883 | 0.000385 | 0.1005 | 0.00085 | 0.01511 | 0.00008  | 0.39217    | 97.2  | 0.8  | 96.7  | 0.5   | 143 | 17.5 | 96.7  | 0.5   | 0.514403292  |
| EM3-4_67.FIN2   | 835   | 0.423952096 | 0.0468  | 0.00055  | 0.0932 | 0.0011  | 0.01459 | 0.00008  | 0.27429    | 90.4  | 1    | 93.4  | 0.5   | 57  | 23   | 93.4  | 0.5   | -3.318584071 |
| EM3-4_68.FIN2   | 449.4 | 0.936137072 | 0.0501  | 0.00055  | 0.172  | 0.0021  | 0.02518 | 0.000125 | 0.34455    | 160.9 | 1.85 | 160.5 | 0.8   | 190 | 24   | 160.5 | 0.8   | 0.248601616  |
| EM3-4_69.FIN2   | 451   | 0.831485588 | 0.047   | 0.00085  | 0.111  | 0.002   | 0.0173  | 0.00014  | 0.28458    | 106.6 | 1.8  | 110.6 | 0.9   | 58  | 34.5 | 110.6 | 0.9   | -3.752345216 |
| EM3-4_70.FIN2_1 | 988   | 0.296558704 | 0.0478  | 0.00095  | 0.0956 | 0.0019  | 0.01441 | 0.000145 | 0.23371    | 92.6  | 1.75 | 92.2  | 0.9   | 115 | 44   | 92.2  | 0.9   | 0.431965443  |
| EM3-4_70.FIN2_2 | 1650  | 0.350909091 | 0.0494  | 0.0005   | 0.1268 | 0.00125 | 0.0187  | 0.000095 | 0.18253    | 122.5 | 1.15 | 119.4 | 0.6   | 163 | 21.5 | 119.4 | 0.6   | 1.728395062  |
| EM3-4_71.FIN2   | 592   | 0.345945946 | 0.0471  | 0.0007   | 0.0772 | 0.0012  | 0.01197 | 0.000075 | 0.10979    | 75.4  | 1.1  | 76.72 | 0.475 | 64  | 29.5 | 76.72 | 0.475 | -1.75066313  |
| EM3-4_72.FIN2   | 535   | 0.601869159 | 0.0478  | 0.0007   | 0.1095 | 0.00155 | 0.0168  | 0.00011  | 0.18217    | 105.3 | 1.45 | 107.4 | 0.7   | 93  | 28.5 | 107.4 | 0.7   | -1.994301994 |
| EM3-4_73.FIN2   | 171.1 | 0.331385155 | 0.0494  | 0.0014   | 0.1134 | 0.00325 | 0.01673 | 0.000185 | 0.21694    | 108.7 | 2.95 | 107   | 1.2   | 150 | 55   | 107   | 1.2   | 1.563937443  |
| EM3-4_74.FIN2   | 1332  | 0.357357357 | 0.04788 | 0.0004   | 0.0955 | 0.0008  | 0.01451 | 0.000065 | 0.27916    | 92.6  | 0.75 | 92.88 | 0.42  | 92  | 17.5 | 92.88 | 0.42  | -0.30237581  |
| EM3-4_75.FIN2   | 377.8 | 0.604552673 | 0.0479  | 0.00065  | 0.1218 | 0.00175 | 0.01857 | 0.000105 | 0.23251    | 116.5 | 1.55 | 118.6 | 0.65  | 107 | 28   | 118.6 | 0.65  | -1.802575107 |
| EM3-4_76.FIN2   | 225   | 0.693333333 | 0.0481  | 0.001    | 0.1143 | 0.00245 | 0.01738 | 0.00012  | 0.17382    | 110.1 | 2.15 | 111.1 | 0.75  | 96  | 39.5 | 111.1 | 0.75  | -0.908265213 |
| EM3-4_77.FIN2   | 347   | 0.242363112 | 0.0493  | 0.00075  | 0.125  | 0.0018  | 0.01854 | 0.000125 | 0.030032   | 119.4 | 1.6  | 118.4 | 0.8   | 154 | 31   | 118.4 | 0.8   | 0.837520938  |
| EM3-4_78.FIN2   | 750   | 0.614666667 | 0.0506  | 0.0006   | 0.1364 | 0.0017  | 0.01963 | 0.00009  | 0.32788    | 129.7 | 1.5  | 125.3 | 0.55  | 209 | 25   | 125.3 | 0.55  | 3.392444102  |
| EM3-4_79.FIN2   | 1708  | 0.470140515 | 0.04821 | 0.000415 | 0.1178 | 0.00105 | 0.01802 | 0.00011  | 0.36477    | 113   | 0.95 | 115.1 | 0.7   | 111 | 18.5 | 115.1 | 0.7   | -1.85840708  |
| EM3-4_80.FIN2   | 338   | 0.621301775 | 0.0481  | 0.00075  | 0.1205 | 0.002   | 0.01821 | 0.00014  | 0.26111    | 115.3 | 1.8  | 116.3 | 0.85  | 114 | 31   | 116.3 | 0.85  | -0.867302689 |
| EM3-4_81.FIN2   | 1000  | 0.94        | 0.0495  | 0.00055  | 0.0962 | 0.0011  | 0.01413 | 0.000085 | 0.24906    | 93.2  | 1    | 90.4  | 0.55  | 163 | 22.5 | 90.4  | 0.55  | 3.004291845  |
| EM3-4_82.FIN2   | 277.5 | 0.784864865 | 0.0476  | 0.00085  | 0.1095 | 0.00195 | 0.0169  | 0.000115 | 0.18051    | 105.3 | 1.8  | 108.1 | 0.7   | 87  | 34.5 | 108.1 | 0.7   | -2.65969326  |
| EM3-4_83.FIN2   | 142.2 | 0.575246132 | 0.0489  | 0.00115  | 0.1098 | 0.00245 | 0.0165  | 0.000125 | 0.111      | 105.4 | 2.25 | 105.5 | 0.8   | 132 | 43.5 | 105.5 | 0.8   | -0.09487666  |
| EM3-4_84.FIN2   | 355   | 0.763380282 | 0.0481  | 0.0007   | 0.1142 | 0.0017  | 0.01723 | 0.00011  | 0.11576    | 109.6 | 1.55 | 110.1 | 0.7   | 116 | 30   | 110.1 | 0.7   | -0.45620438  |
| EM3-4_85.FIN2   | 345   | 0.671594203 | 0.0476  | 0.0009   | 0.09   | 0.0016  | 0.01366 | 0.000085 | 0.10265    | 87.3  | 1.5  | 87.4  | 0.55  | 89  | 35.5 | 87.4  | 0.55  | -0.114547537 |
| EM3-4_86.FIN2   | 463   | 0.313174946 | 0.0467  | 0.0008   | 0.0741 | 0.0012  | 0.01153 | 0.000085 | 0.071688   | 72.5  | 1.15 | 73.9  | 0.55  | 33  | 73.9 | 73.9  | 0.55  | -1.931034483 |
| EM3-4_87.FIN2   | 578   | 0.577854671 | 0.0505  | 0.00055  | 0.1233 | 0.0014  | 0.01769 | 0.000085 | 0.2745     | 118   | 1.25 | 113   | 0.55  | 207 | 23   | 113   | 0.55  | 4.237288136  |
| EM3-4_88.FIN2   | 407.1 | 0.447555883 | 0.0483  | 0.00065  | 0.1284 | 0.0017  | 0.01929 | 0.00011  | 0.1654     | 122.5 | 1.5  | 123.2 | 0.7   | 116 | 27   | 123.2 | 0.7   | -0.571428571 |
| EM3-4_89.FIN2   | 184.1 | 0.333514394 | 0.0492  | 0.00105  | 0.1035 | 0.0022  | 0.01531 | 0.00013  | 0.157      | 99.7  | 2    | 97.9  | 0.8   | 146 | 41   | 97.9  | 0.8   | 1.805416249  |
| EM3-4_90.FIN2   | 280   | 0.365357143 | 0.0499  | 0.001    | 0.1016 | 0.0018  | 0.01501 | 0.000125 | 0.1093     | 98.5  | 1.7  | 96    | 0.8   | 166 | 38   | 96    | 0.8   | 2.538071066  |
| EM3-4_91.FIN2   | 640   | 0.415625    | 0.04987 | 0.000495 | 0.1769 | 0.0017  | 0.02569 | 0.000135 | 0.20464    | 165.3 | 1.5  | 163.5 | 0.85  | 182 | 21   | 163.5 | 0.85  | 1.08892922   |
| EM3-4_92.FIN2   | 240.9 | 0.547114985 | 0.0525  | 0.00095  | 0.1245 | 0.0023  | 0.01723 | 0.000115 | 0.29278    | 118.8 | 2.1  | 110.1 | 0.7   | 281 | 38   | 110.1 | 0.7   | 7.323232323  |
| EM3-4_93.FIN2   | 201   | 0.412935323 | 0.0546  | 0.00135  | 0.1304 | 0.00285 | 0.01766 | 0.000135 | -0.0097017 | 124   | 2.55 | 112.9 | 0.85  | 335 | 48.5 | 112.9 | 0.85  | 8.951612903  |
| EM3-4_94.FIN2   | 594   | 0.409090909 | 0.0502  | 0.0007   | 0.1232 | 0.00175 | 0.01798 | 0.00017  | 0.38254    | 118.3 | 1.6  | 114.8 | 1.05  | 193 | 27.5 | 114.8 | 1.05  | 2.958579882  |
| EM3-4_95.FIN2   | 334.6 | 0.265092648 | 0.0474  | 0.0008   | 0.1072 | 0.0017  | 0.01644 | 0.000145 | 0.25596    | 103.2 | 1.55 | 105.1 | 0.9   | 77  | 31.5 | 105.1 | 0.9   | -1.841085271 |
| EM3-4_96.FIN2   | 153.2 | 0.67689295  | 0.0492  | 0.00115  | 0.1166 | 0.0025  | 0.01733 | 0.000155 | 0.010998   | 111.6 | 2.3  | 110.8 | 0.95  | 152 | 45   | 110.8 | 0.95  | 0.716845878  |
| EM3-4_97.FIN2   | 628   | 0.571656051 | 0.04734 | 0.000495 | 0.1163 | 0.00125 | 0.01769 | 0.000125 | 0.31364    | 111.6 | 1.1  | 113   | 0.8   | 81  | 21.5 | 113   | 0.8   | -1.254480287 |
| EM3-4_98.FIN2_1 | 1307  | 0.465187452 | 0.0528  | 0.00065  | 0.11   | 0.0019  | 0.01478 | 0.0002   | 0.68266    | 105.9 | 1.7  | 94.6  | 1.25  | 321 | 29.5 | 94.6  | 1.25  | 10.67044381  |
| EM3-4_98.FIN2_2 | 519   | 0.625240848 | 0.0491  | 0.00075  | 0.121  | 0.00175 | 0.0179  | 0.000135 | 0.21269    | 115.9 | 1.6  | 114.3 | 0.85  | 151 | 31.5 | 114.3 | 0.85  | 1.380500431  |
| EM3-4_99.FIN2   | 302   | 0.446688742 | 0.0528  | 0.0008   | 0.1767 | 0.00265 | 0.02425 | 0.000195 |            |       |      |       |       |     |      |       |       |              |

|                |       |             |         |          |        |         |         |          |          |       |      |       |      |     |      |       |      |              |
|----------------|-------|-------------|---------|----------|--------|---------|---------|----------|----------|-------|------|-------|------|-----|------|-------|------|--------------|
| EM3-4_123.FIN2 | 729   | 0.580246914 | 0.0486  | 0.00055  | 0.1287 | 0.00155 | 0.01906 | 0.000125 | 0.35974  | 122.8 | 1.35 | 121.7 | 0.8  | 129 | 23   | 121.7 | 0.8  | 0.895765472  |
| EM3-4_124.FIN2 | 686   | 0.325072886 | 0.0474  | 0.0006   | 0.1006 | 0.0013  | 0.01533 | 0.000105 | 0.18806  | 97.2  | 1.2  | 98.1  | 0.65 | 78  | 26   | 98.1  | 0.65 | -0.925925926 |
| EM3-4_125.FIN2 | 982   | 0.642566191 | 0.04864 | 0.000495 | 0.1209 | 0.00125 | 0.01789 | 0.000115 | 0.31189  | 115.8 | 1.1  | 114.3 | 0.7  | 135 | 21.5 | 114.3 | 0.7  | 1.295336788  |
| EM3-4_126.FIN2 | 1258  | 1.080286169 | 0.04799 | 0.00046  | 0.1123 | 0.00105 | 0.01687 | 0.000085 | 0.25598  | 108   | 0.95 | 108   | 0.55 | 102 | 19.5 | 108   | 0.55 | 0            |
| EM3-4_127.FIN2 | 262   | 0.58778626  | 0.0506  | 0.0009   | 0.123  | 0.00225 | 0.01755 | 0.000115 | 0.36509  | 117.5 | 2    | 112.2 | 0.75 | 201 | 34   | 112.2 | 0.75 | 4.510638298  |
| EM3-4_128.FIN2 | 1220  | 0.476229508 | 0.0488  | 0.0005   | 0.1116 | 0.0012  | 0.01654 | 0.0001   | 0.32582  | 107.3 | 1.1  | 105.7 | 0.65 | 137 | 21.5 | 105.7 | 0.65 | 1.491146319  |
| EM3-4_129.FIN2 | 188   | 0.867021277 | 0.0524  | 0.0011   | 0.267  | 0.0055  | 0.03678 | 0.000335 | 0.13099  | 239.7 | 4.35 | 232.8 | 2.1  | 301 | 45.5 | 232.8 | 2.1  | 2.878598248  |
| EM3-4_130.FIN2 | 337   | 1.017804154 | 0.0502  | 0.001    | 0.1638 | 0.0033  | 0.02369 | 0.00021  | 0.24044  | 153.7 | 2.85 | 150.9 | 1.35 | 192 | 40.5 | 150.9 | 1.35 | 1.821730644  |
| EM3-4_131.FIN2 | 396   | 0.328787879 | 0.0529  | 0.0008   | 0.1844 | 0.00265 | 0.02526 | 0.000195 | 0.25458  | 171.5 | 2.25 | 160.8 | 1.25 | 298 | 30.5 | 160.8 | 1.25 | 6.239067055  |
| EM3-4_132.FIN2 | 674   | 0.323293769 | 0.05    | 0.0012   | 0.1471 | 0.00445 | 0.02067 | 0.00043  | 0.56629  | 139.1 | 3.95 | 131.9 | 2.75 | 210 | 55   | 131.9 | 2.75 | 5.176132279  |
| EM3-4_133.FIN2 | 160.1 | 0.923173017 | 0.0473  | 0.0013   | 0.1148 | 0.00295 | 0.01777 | 0.00016  | 0.062964 | 109.8 | 2.7  | 113.5 | 1    | 57  | 48   | 113.5 | 1    | -3.369763206 |
| EM3-4_134.FIN2 | 259   | 1.173745174 | 0.0487  | 0.00115  | 0.1022 | 0.0023  | 0.01553 | 0.000155 | 0.28996  | 99.1  | 2.2  | 99.3  | 1    | 144 | 44   | 99.3  | 1    | -0.201816347 |
| EM3-4_135.FIN2 | 421   | 0.912114014 | 0.0534  | 0.00095  | 0.1192 | 0.00205 | 0.01629 | 0.00014  | 0.20811  | 114.1 | 1.85 | 104.2 | 0.9  | 316 | 36.5 | 104.2 | 0.9  | 8.676599474  |
| EM3-4_136.FIN2 | 513   | 0.489278752 | 0.0494  | 0.0007   | 0.1308 | 0.0017  | 0.01925 | 0.000105 | 0.050003 | 125.1 | 1.5  | 122.9 | 0.65 | 164 | 29   | 122.9 | 0.65 | 1.758593125  |
| EM3-4_137.FIN2 | 418   | 0.447368421 | 0.0514  | 0.00085  | 0.1054 | 0.0018  | 0.01488 | 0.000125 | 0.26323  | 101.5 | 1.65 | 95.2  | 0.8  | 238 | 34.5 | 95.2  | 0.8  | 6.206896552  |
| EM3-4_138.FIN2 | 386   | 0.489637306 | 0.0476  | 0.0008   | 0.0963 | 0.00155 | 0.01475 | 0.00011  | 0.1809   | 93.2  | 1.45 | 94.4  | 0.7  | 86  | 32.5 | 94.4  | 0.7  | -1.287553648 |
| EM3-4_139.FIN2 | 377   | 0.464721485 | 0.0475  | 0.0007   | 0.1311 | 0.0019  | 0.02013 | 0.00011  | 0.15347  | 124.9 | 1.7  | 128.5 | 0.7  | 80  | 28.5 | 128.5 | 0.7  | -2.882305845 |
| EM3-4_140.FIN2 | 681   | 0.839941263 | 0.051   | 0.0006   | 0.1383 | 0.0015  | 0.01985 | 0.000095 | 0.038228 | 131.4 | 1.35 | 126.7 | 0.6  | 226 | 24.5 | 126.7 | 0.6  | 3.576864536  |

† 850 Ma cutoff used between 206Pb/238U and 207Pb/206Pb ages

\*Discordance is reported as 206Pb/238U vs 207Pb/235U for 206Pb/238U ages and as 206Pb/238U vs 207Pb/206Pb for 207Pb/206Pb ages

Table S3: Detrital Zircon U-Pb Secondary Standard Results

| Sequence     | Samples                          | Plesovice |          |                        |      | 91500 |          |                        |      |
|--------------|----------------------------------|-----------|----------|------------------------|------|-------|----------|------------------------|------|
|              |                                  | N         | Age (Ma) | $\pm 2\sigma$ internal | MSWD | N     | Age (Ma) | $\pm 2\sigma$ internal | MSWD |
| 12082016_GS  | SDR-01 (part 1), SJR-01, SLRR-01 | 9         | 341.4    | 2.8                    | 3.2  | 10    | 1038     | 20                     | 2.8  |
| 12092016_GS2 | SDR-01 (part 2), SMC-01, SMR-01  | 10        | 338.0    | 6.0                    | 11.0 | 9     | 1024.0   | 37.0                   | 4.4  |
| 12092016_GS3 | 503-P1, H5-P1                    | 8         | 343.1    | 4.4                    | 6.4  | 8     | 1038.0   | 40.0                   | 5.0  |
| 04202017_GS1 | L2-76-SC g68, L2-79-SC 98        | 10        | 340.2    | 4.0                    | 7.3  | 10    | 1051.0   | 20.0                   | 2.8  |
| 04202017_GS2 | EM3-4                            | 6         | 338.9    | 6.5                    | 13.0 | 6     | 1050.0   | 30.0                   | 2.5  |

Notes:

Plesovice accepted  $^{206}\text{Pb}/^{238}\text{U}$  age is 337 Ma (Sláma et al., 2008)

91500 accepted  $^{206}\text{Pb}/^{238}\text{U}$  age is 1065 Ma (Wiedenbeck et al., 1995)

References:

Sláma, J., et al., 2008, Plešovice zircon—A new natural reference material for U–Pb and Hf isotopic microanalysis, *Chemical Geol.*, 249, p. 1–35,

doi:10.1016/j.chemgeo.2007.11.005.

Wiedenbeck, M., Alle, P., Corfu, F., Griffin, W., Meier, M., Oberli, F., Von Quadt, A., Roddick, J., and Spiegel, W., 1995, Three natural zircon standards for

U-Th-Pb, Lu-Hf, trace element and REE analyses: *Geostandards Newsletter*, v. 19, p. 1–23, doi:10.1111/j.1751-908X.1995.tb00147.x.

Table S4: Cretaceous-Paleogene Forearc Data Sources

| Sample                                      | N  | Unit                                                                 | Age                                        | Source                |
|---------------------------------------------|----|----------------------------------------------------------------------|--------------------------------------------|-----------------------|
| <b>Extraregional provenance (U. Pc-Ec.)</b> |    |                                                                      |                                            |                       |
| POW-1                                       | 74 | Pomerado Conglomerate of the Poway Group                             | Late Eocene                                | Sharman et al. (2015) |
| POW-2                                       | 53 | Stadium Conglomerate of the Poway Group                              | Middle to late Eocene                      | Sharman et al. (2015) |
| JOLLA-5                                     | 64 | Scripps Formation of the La Jolla Group                              | Middle to late Eocene                      | Sharman et al. (2015) |
| JOLLA-1                                     | 45 | Scripps Formation of the La Jolla Group                              | Eocene (ca. 49 Ma)                         | Sharman et al. (2015) |
| JOLLA-2                                     | 50 | Delmar Formation of the La Jolla Group                               | Eocene (ca. 50 Ma)                         | Sharman et al. (2015) |
| SNTGU                                       | 88 | Santiago Formation                                                   | Late early to early middle Eocene          | Sharman et al. (2015) |
| SNTGL                                       | 98 | Santiago Formation                                                   | Late early to early middle Eocene          | Sharman et al. (2015) |
| SLVU                                        | 51 | Silverado Formation                                                  | Late Paleocene                             | Sharman et al. (2015) |
| <b>Local provenance (U. K-Pc.)</b>          |    |                                                                      |                                            |                       |
| JOLLA-3                                     | 45 | Mount Soledad Formation of the La Jolla Group                        | Late Paleocene to early Eocene             | Sharman et al. (2015) |
| JOLLA-4                                     | 48 | Mount Soledad Formation of the La Jolla Group                        | Late Paleocene to early Eocene             | Sharman et al. (2015) |
| ROSA-1                                      | 30 | Cabrillo Formation of the Rosario Group                              | Uppermost Campanian to early Maastrichtian | Sharman et al. (2015) |
| ROSA-2                                      | 55 | Point Loma Formation of the Rosario Group                            | Late Campanian                             | Sharman et al. (2015) |
| ROSA-3                                      | 30 | Point Loma Formation of the Rosario Group                            | Campanian (ca. 77 Ma)                      | Sharman et al. (2015) |
| ROSA-4                                      | 58 | Point Loma Formation of the Rosario Group                            | Middle Campanian to early Maastrichtian    |                       |
| ROSA-5                                      | 54 | Lusardi Formation(?) or Point Loma Formation of the Rosario Group(?) | Cenmonian to early Maastrichtian           | Sharman et al. (2015) |
| SLVL                                        | 30 | Silverado Formation                                                  | Late Paleocene                             | Sharman et al. (2015) |
| WLM                                         | 30 | Shultz Ranch Sandstone Member of the Williams Formation              | Campanian (ca. 74.5 Ma)                    | Sharman et al. (2015) |
| MUST                                        | 26 | Holz Shale Member of the Ladd Formation                              | Middle Campanian (ca. 78 Ma)               | Sharman et al. (2015) |
| BAK                                         | 29 | Baker Canyon Conglomerate Member of the Ladd Formation               | Late Turoanian (ca. 90 Ma)                 | Sharman et al. (2015) |
| TRB                                         | 32 | Trabuco Formation                                                    | Turonian (ca. 93 Ma)                       | Sharman et al. (2015) |

**Table S5. Peninsular Ranges Batholith Zircon U-Pb Ages**

| Samples with Location Information |                                                                       | Latitude | Longitude | Age (Ma) | $\pm 1\sigma$ (Ma) | Source                      |
|-----------------------------------|-----------------------------------------------------------------------|----------|-----------|----------|--------------------|-----------------------------|
| Sample                            | Lithology                                                             |          |           |          |                    |                             |
| HSCZ                              | Hblde monzogranite                                                    | 33.604   | -117.510  | 117.4    | 0.9                | Premo et al. (2014)         |
| OHZ                               | Hblde monzogranite                                                    | 33.592   | -117.506  | 119.9    | 1.3                | Premo et al. (2014)         |
| EPZ                               | Hblde monzogranite                                                    | 33.596   | -117.341  | 124.8    | 1.3                | Premo et al. (2014)         |
| SMZ                               | Hblde                                                                 | 33.512   | -117.339  | 122.8    | 1.1                | Premo et al. (2014)         |
| SRPZ                              | Tonalite                                                              | 33.535   | -117.264  | 126      | 1.7                | Premo et al. (2014)         |
| PVZ                               | Granodiorite                                                          | 33.659   | -117.287  | 121.2    | 1.2                | Premo et al. (2014)         |
| PVZ-2                             | Granodiorite                                                          | 33.597   | -117.208  | 119.3    | 1.4                | Premo et al. (2014)         |
| DVZ                               | Tonalite                                                              | 33.671   | -117.206  | 123.3    | 1.1                | Premo et al. (2014)         |
| DVZ-2                             | Tonalite                                                              | 33.736   | -117.117  | 124      | 1.7                | Premo et al. (2014)         |
| ADTZ                              | Granodiorite                                                          | 33.737   | -117.322  | 113.4    | 1                  | Premo et al. (2014)         |
| CZ-1                              | Monzogranite                                                          | 33.809   | -117.406  | 111.5    | 2                  | Premo et al. (2014)         |
| GZ                                | Tonalite                                                              | 33.791   | -117.344  | 109.1    | 1                  | Premo et al. (2014)         |
| GZ-1                              | Hypersthene monzogranite                                              | 33.777   | -117.318  | 107.6    | 2.9                | Premo et al. (2014)         |
| GZ-2                              | Tonalite                                                              | 33.714   | -117.300  | 112.7    | 2                  | Premo et al. (2014)         |
| 493-Z                             | Diorite                                                               | 33.315   | -117.152  | 112.3    | 1.7                | Premo et al. (2014)         |
| MRZ                               | Hypersthene-fayalite monzogranite                                     | 33.985   | -117.392  | 106.1    | 2.4                | Premo et al. (2014)         |
| JMZ                               | Tonalite                                                              | 33.037   | -117.433  | 101.7    | 3.4                | Premo et al. (2014)         |
| JMZ-2                             | Tonalite                                                              | 33.020   | -117.475  | 107.92   | 0.87               | Premo et al. (2014)         |
| SFQZ                              | Granodiorite-monzogranite                                             | 33.024   | -117.460  | 111      | 1.5                | Premo et al. (2014)         |
| VVZ                               | Granodiorite-monzogranite                                             | 33.886   | -117.291  | 107.8    | 2.8                | Premo et al. (2014)         |
| BSZ                               | Tonalite-diorite                                                      | 33.989   | -117.279  | 98       | 2                  | Premo et al. (2014)         |
| LVZ                               | Tonalite                                                              | 33.785   | -117.081  | 98       | 1.5                | Premo et al. (2014)         |
| SREZ                              | Tonalite                                                              | 33.713   | -116.988  | 92.6     | 2.1                | Premo et al. (2014)         |
| DMM94-88                          | Lamb Canyon                                                           | 33.901   | -116.986  | 92.8     | 1.3                | Premo et al. (2014)         |
| WVRZ                              | Tonalite                                                              | 33.527   | -116.885  | 99       | 1.5                | Premo et al. (2014)         |
| RBZ                               | Tonalite                                                              | 33.718   | -116.939  | 91.6     | 2.7                | Premo et al. (2014)         |
| PFZ                               | Tonalite                                                              | 33.567   | -116.520  | 91.3     | 0.8                | Premo et al. (2014)         |
| SJZ                               | Tonalite                                                              | 33.723   | -116.722  | 93.9     | 2.8                | Premo et al. (2014)         |
| PFZ-1                             | Tonalite                                                              | 33.585   | -116.427  | 85.7     | 2.2                | Premo et al. (2014)         |
| PFZ-2                             | Tonalite                                                              | 33.650   | -116.401  | 92.6     | 0.9                | Premo et al. (2014)         |
| PHZ                               | Granodiorite                                                          | 33.713   | -116.296  | 86.8     | 0.6                | Premo et al. (2014)         |
| WCSSPM                            | Sierra San Pedro Martir pluton (high-Na, high-Al, calcic, granitoids) | 30.965   | -115.613  | 96.4     | 1.05               | Gastil et al. (2014)        |
| Corona                            | Sierra San Pedro Martir pluton (high-Na, high-Al, calcic, granitoids) | 30.996   | -115.558  | 94.3     | 1.35               | Gastil et al. (2014)        |
| G.4-24.3                          | Sierra San Pedro Martir pluton (high-Na, high-Al, calcic, granitoids) | 30.959   | -115.512  | 95       | 0.95               | Gastil et al. (2014)        |
| LaGrulla                          | Sierra San Pedro Martir pluton (high-Na, high-Al, calcic, granitoids) | 30.894   | -115.474  | 93.1     | 1.7                | Gastil et al. (2014)        |
| H46                               | Sierra San Pedro Martir pluton (high-Na, high-Al, calcic, granitoids) | 30.904   | -115.424  | 90.2     | 1.45               | Gastil et al. (2014)        |
| 10-89 SP-9                        | Rhyolite                                                              | 33.717   | -117.548  | 122.2    | 3                  | Herzig and Kimbrough (2014) |

|             |                                                         |        |          |       |      |                             |
|-------------|---------------------------------------------------------|--------|----------|-------|------|-----------------------------|
| 10-89 SP-17 | Rhyolite crystal tuff                                   | 33.716 | -117.547 | 127.5 | 2.3  | Herzig and Kimbrough (2014) |
| CS117       | Welded tuff                                             | 33.821 | -117.644 | 128.3 | 2.5  | Herzig and Kimbrough (2014) |
| BS105       | Rhyolite                                                | 33.844 | -117.604 | 122.4 | 2.2  | Herzig and Kimbrough (2014) |
| WJE08-1     | Rhyolite                                                | 33.860 | -117.511 | 111.2 | 2.1  | Herzig and Kimbrough (2014) |
| WJE08-2     | Rhyolite                                                | 33.860 | -117.511 | 110   | 2.9  | Herzig and Kimbrough (2014) |
| WJE08-3     | Granite                                                 | 33.863 | -117.519 | 109.4 | 2.8  | Herzig and Kimbrough (2014) |
| Alberhill   | Welded tuff                                             | 33.733 | -117.394 | 126   | 3.5  | Herzig and Kimbrough (2014) |
| Alberhill   | Welded tuff                                             | 33.733 | -117.394 | 126   | 2.3  | Herzig and Kimbrough (2014) |
| TC-1        | Quartz latite porphyry                                  | 33.834 | -117.493 | 118.9 | 3.2  | Herzig and Kimbrough (2014) |
| PQ053       | Green crystal lithic tuff                               | 32.919 | -117.195 | 147.9 | 1.2  | Kimbrough et al. (2014)     |
| CD0501      | Feldspathic-volcanic lithic sandstone                   | 32.990 | -117.187 | 145.6 | 2.4  | Kimbrough et al. (2014)     |
| CD0502      | Crystal lithic lapilli tuff                             | 32.990 | -117.187 | 144.5 | 1    | Kimbrough et al. (2014)     |
| VRSFTC      | Green andesite breccia flow                             | 32.990 | -117.188 | 132.7 | 0.7  | Kimbrough et al. (2014)     |
| G1          | ol hnb gabbro; symplectite rims on ol                   | 33.610 | -116.630 | 101.4 | 1.3  | Kimbrough et al. (2015)     |
| G2          | hnb gabbro                                              | 33.441 | -117.183 | 107.9 | 0.9  | Kimbrough et al. (2015)     |
| G3          | troctolitic ol gabbro; symplectite rims on ol           | 33.381 | -117.066 | 103   | 0.9  | Kimbrough et al. (2015)     |
| G4          | ol gabbro; tr amphib                                    | 33.367 | -117.141 | 112   | 1.3  | Kimbrough et al. (2015)     |
| G5          | layered hnb gabbro                                      | 33.195 | -116.773 | 104.7 | 1.2  | Kimbrough et al. (2015)     |
| G6          | mg eq hnb gabbro; tr hnb                                | 33.173 | -117.131 | 110.5 | 1.3  | Kimbrough et al. (2015)     |
| G7          | hnb gabbro                                              | 32.860 | -116.678 | 105.6 | 1.25 | Kimbrough et al. (2015)     |
| G8          | pegmatitic hnb gabbro                                   | 32.732 | -116.576 | 102.1 | 1.25 | Kimbrough et al. (2015)     |
| G9          | hnb gabbro; tr biot and qtz                             | 32.651 | -116.789 | 107.4 | 0.85 | Kimbrough et al. (2015)     |
| G10         | mg eq hnb gabbro                                        | 32.289 | -116.038 | 109.4 | 1.45 | Kimbrough et al. (2015)     |
| G11         | mg eq hnb gabbro                                        | 32.282 | -116.040 | 100   | 1    | Kimbrough et al. (2015)     |
| G12         | mg eq hnb gabbro; relict px replaced by amphib; tr biot | 30.851 | -114.958 | 101.7 | 2.05 | Kimbrough et al. (2015)     |
| G13         | mg eq hnb-px gabbro                                     | 30.702 | -115.813 | 112.4 | 0.75 | Kimbrough et al. (2015)     |
| G14         | mg-cg eq hnb gabbro; tr biot                            | 30.571 | -115.426 | 97.8  | 1.15 | Kimbrough et al. (2015)     |
| G15         | mg layered hnb gabbro; tr biot                          | 30.549 | -115.395 | 97.8  | 1.5  | Kimbrough et al. (2015)     |
| G16         | mg eq hnb gabbro; oikocrystic hnb                       | 30.425 | -115.540 | 113.7 | 1.2  | Kimbrough et al. (2015)     |
| G17         | seriate mg-fg gabbro; tr amphib                         | 29.395 | -114.392 | 130.5 | 1    | Kimbrough et al. (2015)     |
| G18         | mg eq hnb gabbro; brown amphib jacketing px             | 29.395 | -114.392 | 126.2 | 0.85 | Kimbrough et al. (2015)     |
| G19         | mg eq hnb gabbro; relict px replaced by amphib; tr biot | 29.180 | -114.199 | 131   | 6.5  | Kimbrough et al. (2015)     |
| G20         | mg eq hnb gabbro; tr biot                               | 28.525 | -114.037 | 114   | 1.45 | Kimbrough et al. (2015)     |
| G21         | hnb gabbro; abundant pale secondary amphib              | 28.204 | -113.451 | 103.2 | 1.4  | Kimbrough et al. (2015)     |
| G22         | hnb gabbro; abundant pale secondary amphib              | 28.123 | -113.475 | 100.2 | 1.5  | Kimbrough et al. (2015)     |
| G23         | mg eq hnb gabbro; tr biot                               | 24.011 | -110.181 | 109   | 1.15 | Kimbrough et al. (2015)     |
| G24         | mg eq hnb gabbro; tr biot                               | 23.874 | -110.156 | 102.3 | 1.45 | Kimbrough et al. (2015)     |
| PRB807-2    | Tonalite                                                | 33.262 | -117.238 | 113.1 | 1.8  | Shaw et al. (2014)          |
| AFT-4       | Tonalite                                                | 33.211 | -116.496 | 93.6  | 0.5  | Shaw et al. (2014)          |
| PRB807-3    | Granite gneiss                                          | 33.207 | -116.739 | 166.2 | 4.6  | Shaw et al. (2014)          |
| PRB807-4    | Gabbro                                                  | 33.195 | -116.773 | 105.3 | 1.3  | Shaw et al. (2014)          |

|            |                       |        |          |        |      |                    |
|------------|-----------------------|--------|----------|--------|------|--------------------|
| MMt        | Gabbro                | 33.173 | -117.131 | 110.5  | 0.7  | Shaw et al. (2014) |
| 99FT-4     | Tonalite              | 33.170 | -117.288 | 112.6  | 0.7  | Shaw et al. (2014) |
| PRB807-5   | Tonalite              | 33.152 | -116.784 | 107.4  | 2.9  | Shaw et al. (2014) |
| 99FT-5     | Granodiorite          | 33.113 | -117.226 | 114.2  | 1    | Shaw et al. (2014) |
| 99FT-7     | Tonalite              | 33.099 | -117.026 | 108.7  | 0.3  | Shaw et al. (2014) |
| PRB08-4    | Tonalite              | 33.086 | -116.791 | 101    | 1.3  | Shaw et al. (2014) |
| 99FT-6     | Granodiorite          | 33.077 | -117.121 | 110    |      | Shaw et al. (2014) |
| PRB08-2    | Tonalite              | 33.074 | -116.849 | 106.2  | 1.3  | Shaw et al. (2014) |
| AFT3       | Tonalite              | 33.068 | -116.762 | 101.6  | 0.4  | Shaw et al. (2014) |
| 2-93-HC1   | Tonalite              | 33.056 | -116.822 | 100.9  | 0.7  | Shaw et al. (2014) |
| AFT-5      | Tonalite              | 33.052 | -116.231 | 92.5   | 0.4  | Shaw et al. (2014) |
| PRB08-1    | Tonalite              | 33.050 | -116.857 | 109.6  | 1.6  | Shaw et al. (2014) |
| PRB08-3    | Tonalite              | 33.041 | -116.806 | 100.6  | 1.4  | Shaw et al. (2014) |
| RB-2       | Granodiorite          | 33.022 | -117.105 | 122.1  | 0.7  | Shaw et al. (2014) |
| WM-1       | Granodiorite          | 33.003 | -116.957 | 117    |      | Shaw et al. (2014) |
| AFT-2      | Granodiorite          | 32.984 | -116.833 | 115.6  | 0.3  | Shaw et al. (2014) |
| L507GG PRB | Monzogranite          | 32.971 | -116.515 | 128.9  | 0.5  | Shaw et al. (2014) |
| CP291 & OM | Granodiorite gneiss   | 32.957 | -116.507 | 115.1  | 0.4  | Shaw et al. (2014) |
| ECM08-1    | Granodiorite          | 32.952 | -116.788 | 113.41 | 0.81 | Shaw et al. (2014) |
| UFP-1      | Foliated granodiorite | 32.944 | -116.967 | 118.2  | 1    | Shaw et al. (2014) |
| SVR08      | Granodiorite          | 32.931 | -116.902 | 113.5  | 1.2  | Shaw et al. (2014) |
| 9-90-Kcm-1 | Granodiorite          | 32.893 | -116.824 | 114    |      | Shaw et al. (2014) |
| 9-90-Ka    | Tonalite              | 32.880 | -116.879 | 107    |      | Shaw et al. (2014) |
| 5-91-PPX   | Gabbro                | 32.860 | -116.678 | 106    | 0.6  | Shaw et al. (2014) |
| LP05179    | Tonalite              | 32.855 | -116.288 | 99.2   | 0.5  | Shaw et al. (2014) |
| 9-90-Klb-1 | Granodiorite          | 32.839 | -116.656 | 107.4  | 0.6  | Shaw et al. (2014) |
| LBT-1      | Tonalite              | 32.836 | -116.751 | 108.5  |      | Shaw et al. (2014) |
| HA-MG      | Granodiorite          | 32.830 | -117.052 | 118    |      | Shaw et al. (2014) |
| LBT-2      | Tonalite              | 32.821 | -116.592 | 109    |      | Shaw et al. (2014) |
| 9-90-Kpv   | Monzogranite          | 32.814 | -116.512 | 119.9  | 0.5  | Shaw et al. (2014) |
| MGQ-1      | Granodiorite          | 32.813 | -117.076 | 126    |      | Shaw et al. (2014) |
| CFP-Klb    | Tonalite              | 32.785 | -116.448 | 101.3  | 0.5  | Shaw et al. (2014) |
| 9-90-Klp-1 | Granodiorite          | 32.781 | -116.795 | 105.8  | 0.7  | Shaw et al. (2014) |
| LP04105    | Tonalite              | 32.774 | -116.282 | 90.8   | 0.9  | Shaw et al. (2014) |
| LP04164    | Tonalite              | 32.765 | -116.169 | 91.6   | 0.4  | Shaw et al. (2014) |
| LPO4-42    | Tonalite              | 32.738 | -116.452 | 99.9   | 0.6  | Shaw et al. (2014) |
| LP04-42    | Tonalite              | 32.738 | -116.452 | 95.1   | 0.4  | Shaw et al. (2014) |
| LPG 1a     | Gabbro                | 32.732 | -116.576 | 100.2  | 0.4  | Shaw et al. (2014) |
| 9-90-Kgm-2 | Tonalite              | 32.709 | -116.511 | 101.4  | 2    | Shaw et al. (2014) |
| LP04101    | Tonalite              | 32.727 | -116.273 | 90.2   | 0.4  | Shaw et al. (2014) |
| SS0402     | Pegmatite             | 32.716 | -116.231 | 95.3   | 0.6  | Shaw et al. (2014) |

|               |              |        |          |       |     |                    |
|---------------|--------------|--------|----------|-------|-----|--------------------|
| LP04163       | Tonalite     | 32.711 | -116.054 | 94.1  | 0.6 | Shaw et al. (2014) |
| AFT-7         | Tonalite     | 32.708 | -116.372 | 93.3  | 0.6 | Shaw et al. (2014) |
| LP04053       | Tonalite     | 32.706 | -116.378 | 93.1  | 0.7 | Shaw et al. (2014) |
| 99FT-3        | Granodiorite | 32.657 | -116.099 | 89.3  | 0.6 | Shaw et al. (2014) |
| 99FT-8        | Tonalite     | 32.651 | -116.789 | 107.4 | 0.4 | Shaw et al. (2014) |
| 9-90-Kgm-innc | Granodiorite | 32.636 | -116.580 | 109.7 | 1.2 | Shaw et al. (2014) |
| 9-90-Kgm-outc | Tonalite     | 32.641 | -116.631 | 107.3 | 0.8 | Shaw et al. (2014) |
| 3-07-Kmg      | Monzogranite | 32.626 | -116.688 | 113   | 0.5 | Shaw et al. (2014) |

#### Samples without Location Information\*

| Age (Ma) | Source                     |
|----------|----------------------------|
| 161      | Grove et al 2008           |
| 164      | Grove et al 2008           |
| 165      | Grove et al 2008           |
| 168      | Grove et al 2008           |
| 170      | Grove et al 2008           |
| 89       | Silver and Chappell (1988) |
| 92       | Silver and Chappell (1988) |
| 95       | Silver and Chappell (1988) |
| 96       | Silver and Chappell (1988) |
| 97       | Silver and Chappell (1988) |
| 98       | Silver and Chappell (1988) |
| 99       | Silver and Chappell (1988) |
| 100      | Silver and Chappell (1988) |
| 104      | Silver and Chappell (1988) |
| 106      | Silver and Chappell (1988) |
| 107      | Silver and Chappell (1988) |
| 109      | Silver and Chappell (1988) |
| 110      | Silver and Chappell (1988) |
| 111      | Silver and Chappell (1988) |
| 111      | Silver and Chappell (1988) |
| 113      | Silver and Chappell (1988) |
| 116      | Silver and Chappell (1988) |
| 116      | Silver and Chappell (1988) |
| 118      | Silver and Chappell (1988) |
| 118      | Silver and Chappell (1988) |
| 119      | Silver and Chappell (1988) |
| 94       | Walawender et al. (1990)   |
| 94       | Walawender et al. (1990)   |
| 95       | Walawender et al. (1990)   |
| 96       | Walawender et al. (1990)   |

96 Walawender et al. (1990)  
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97 Walawender et al. (1990)  
96.4 Walawender et al. (1990)  
96 Walawender et al. (1990)  
96 Walawender et al. (1990)  
96 Walawender et al. (1990)  
104 Walawender et al. (1990)  
101 Walawender et al. (1990)  
108 Walawender et al. (1990)  
106 Walawender et al. (1990)  
106 Walawender et al. (1990)  
105 Walawender et al. (1990)  
104 Walawender et al. (1990)  
118 Walawender et al. (1990)  
112 Walawender et al. (1990)  
106 Walawender et al. (1990)

\*1.3% 1-sigma analytical uncertainty applied to U-Pb dates without a reported uncertainty for construction of distribution in Figure 2

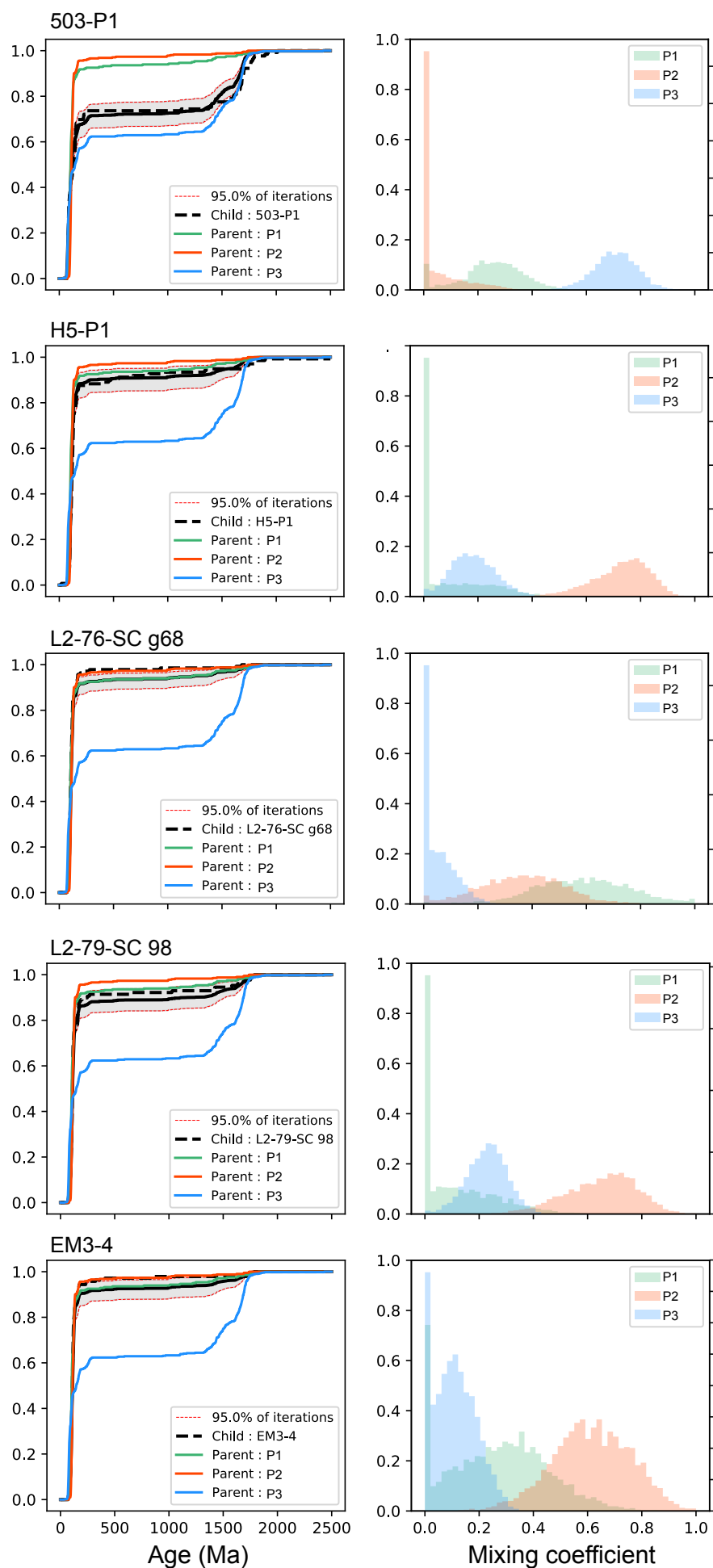


Figure S1. Mixture modeling results for each of the five submarine canyon-fan samples. Left: Cumulative U-Pb age distributions of parent sources (P1-3), offshore sample (dashed black line), best-fit mixture (solid black line), and inner 95% of mixture modeling results (dashed red lines and gray shading). Right: Distribution of mixing coefficients for each parent. See also Figure 2 and Table S6.

## Appendix A: Detrital Zircon U-Pb Analytical Methodology

Each sample was processed using standard hydraulic, density, and magnetic mineral separation procedures at Stanford University. In brief, samples were first processed on a Gemeni water table to separate the majority of light minerals (i.e., quartz, feldspar) from dense minerals. The separates then underwent processing on a Frantz Magnetic Separator using a 10 degree vertical and side slope and amperages of 0.4, 0.8, and 1.0. Finally, samples were processed using methylene iodide ( $\sim 3.3 \text{ g/cm}^3$ ) to separate zircon from lighter, non-magnetic minerals (e.g., apatite).

Zircon grains were mounted on 1 in ( $\sim 2.5 \text{ cm}$ ) acrylic discs using double-sided sticky tape. For each sample, 140 grains were randomly selected for measurement of U-Th-Pb isotopic compositions at the University of Texas at Austin Geo-Thermochronometry Laboratory. A PhotonMachine Analyte G.2 Excimer Laser with a large-volume Helex sample cell was used in tandem with an Element2 high resolution-inductively coupled plasma-mass spectrometer (HR-ICP-MS) U-Pb analyses. A  $30 \mu\text{m}$  diameter ablation spot was used. Zircon standard GJ1 (Jackson et al., 2004) was used as a primary, with Plesovice (Sláma et al., 2008) and 91500 (Wiedenbeck et al., 1995) used as secondary standards (analytical and secondary standard results are provided in Tables S2 and S3, respectively). Data were reduced using Iolite and VisualAge (Paton et al., 2011).

Following data acquisition, grain analyses were filtered following the criteria outlined by Sharman et al. (2018). In brief, an 850 Ma cutoff was used to select either the  $^{206}\text{Pb}/^{238}\text{U}$  age or  $^{207}\text{Pb}/^{206}\text{Pb}$  age. In other words, if a grain's  $^{206}\text{Pb}/^{238}\text{U}$  age was less than or equal to 850 Ma, the  $^{206}\text{Pb}/^{238}\text{U}$  age was selected. Otherwise, the  $^{207}\text{Pb}/^{206}\text{Pb}$  age was selected. For analyses where the  $^{206}\text{Pb}/^{238}\text{U}$  age was selected, a  $2\sigma$  internal relative uncertainty filter of 10% was used to exclude analyses with high uncertainty.  $^{206}\text{Pb}/^{238}\text{U}$  ages with discordance ( $^{206}\text{Pb}/^{238}\text{U}$  versus  $^{207}\text{Pb}/^{235}\text{U}$ ) greater than 15% were excluded.  $^{207}\text{Pb}/^{206}\text{Pb}$  ages with discordance ( $^{206}\text{Pb}/^{238}\text{U}$  versus  $^{207}\text{Pb}/^{206}\text{Pb}$ ) greater than 30% or less than -15% were also excluded. In total,  $\sim 2\%$  of results were excluded, resulting in 1,369 analyses from 10 samples. Detrital zircon U-Pb age distributions were plotted using detritalPy (Sharman et al., 2018).

## References

- Jackson, S.E., Pearson, N.J., Griffin, W.L., and Belousova, E.A., 2004, The application of laser ablation-inductively coupled plasma-mass spectrometry to in situ U-Pb zircon geochronology: *Chemical Geology*, v. 211, p. 47-69, doi:10.1016/j.chemgeo.2004.06.017.
- Paton, C., Hellstrom, J., Paul, B., Woodhead, J., and Hergt, J., 2011, Iolite: Freeware for visualization and processing of mass spectrometric data: *Journal of Analytical Atomic Spectrometry*, v. 26, p. 2508-2518, doi:10.1039/c1ja10172b.
- Sharman, G.R., Sharman, J.P., and Sylvester, Z., 2018, detritalPy: A Python-based toolset for visualizing and analyzing detrital geo-thermochronologic data: *The Depositional Record*, v. 4, p. 202-215, doi:10.1002/dep2.45.
- Sláma, J., et al., 2008, Plešovice zircon—A new natural reference material for U–Pb and Hf isotopic microanalysis, *Chemical Geol.*, 249, p. 1–35, doi:10.1016/j.chemgeo.2007.11.005.
- Wiedenbeck, M., Alle, P., Corfu, F., Griffin, W., Meier, M., Oberli, F., Von Quadt, A., Roddick, J., and Spiegel, W., 1995, Three natural zircon standards for U-Th-Pb, Lu-Hf, trace element and REE analyses: *Geostandards Newsletter*, v. 19, p. 1–23, doi:10.1111/j.1751-908X.1995.tb00147.x.

## U.S. Geological Survey Disclaimer

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## Appendix B: Supplementary Materials References

- Chang, Z., Vervoort, J.D., McClelland, W.C., and Knaack, C., 2006, U-Pb dating of zircon by LA-ICP-MS: Geochemistry Geophysics Geosystems, v. 7, Q05009, <https://doi.org/10.1029/2005GC001100>.
- Gastil, R.G., Kimbrough, D.L., Kimbrough, J.M., Grove, M., and Shimizu, M., 2014, The Sierra San Pedro Mártir zoned pluton, Baja California, Mexico, *in* Morton, D.M., and Miller, F.K., eds., Peninsular Ranges Batholith, Baja California and Southern California: Geological Society of America Memoir 211, p. 739-758.
- Grove, M., Bebout, G.E., Jacobson, C.E., Barth, A.P., Kimbrough, D.L., King, R.L., Zou, H., Lovera, O.M., Mahoney, B.J., and Gehrels, G.G., 2008, The Catalina Schist: Evidence for middle Cretaceous subduction erosion of southwestern North America, *in* Draut, A.E., Clift, P.D., and Scholl, D.W., eds., Formation and Applications of the Sedimentary Record in Arc Collision Zones: Geological Society of America Special Paper 436, p. 335–362.
- Heaton, T.J., Köhler, P., Butzin, M., Bard, E., Reimer, R.W., Austin, W.E.N., Bronk Ramsey, C., Grootes, P.M., Hughen, K.A., Kromer, B., Reimer, P.J., Adkins, J.F., Burke, A., Cook, M.S., Olsen, J., and Skinner, L.C., 2020, Marine20 - the marine radiocarbon age calibration curve (0 - 55,000 cal BP), simulated data for IntCal20: PANGAEA, <https://doi.org/10.1594/PANGAEA.914500>.
- Herzig, C.T., and Kimbrough, D.L., 2014, Santiago Peak volcanics: Early Cretaceous arc volcanism of the western Peninsular Ranges batholith, southern California, *in* Morton, D.M., and Miller, F.K., eds., Peninsular Ranges Batholith, Baja California and Southern California: Geological Society of America Memoir 211, p. 345-363.
- Ingram, B.L., and Southon, J.R., 1996, Reservoir ages in eastern Pacific coastal and estuarine waters: Radiocarbon, v. 38, p. 573–582.
- Kennett, J.P., Rozo-Vera, G.A., and Machain Castillo, M.L., 2000, Latest Neogene planktonic foraminiferal biostratigraphy of the California margin, *in* Lyle, M., Koizumi, I., Richter, C., and Moore Jr., T.C., eds., Proceedings of the Ocean Drilling Program 167. Scientific Results, p. 41–62.
- Kimbrough, D.L., Grove, M., and Morton, D.M., 2015, Timing and significance of gabbro emplacement within two distinct plutonic domains of the Peninsular Ranges batholith, southern and Baja California: Geological Society of America Bulletin, v. 127, p. 19-37.
- Mix, A.C., Lund, D.C., Pisias, N.G., and Bodén, P., 1999, Rapid climate oscillations in the northeast Pacific during the last deglaciation reflect Northern and Southern Hemisphere sources, *in* Clark, P., Webb, R.S., and Keigwin, L.D., eds., Mechanisms for global climate change at millennial timescales: Washington, D.C., American Geophysical Union, Geophysical Monograph Series, v. 112, p. 127–148.
- Premo, W.R., Morton, D.M., Wooden, J.L., and Fanning, C.M., 2014, U-Pb zircon geochronology of plutonism in the northern Peninsular Ranges batholith, southern California: Implications for the Late Cretaceous tectonic evolution of southern California, *in* Morton, D.M., and Miller, F.K., eds., Peninsular Ranges Batholith, Baja California and Southern California: Geological Society of America Memoir 211, p. 145-180.
- Sharman, G.R., Graham, S.A., Grove, M., Kimbrough, D.L., and Wright, J.E., 2015, Detrital zircon provenance of the Late Cretaceous-Eocene California forearc: Influence of Laramide low-angle subduction on sediment dispersal and paleogeography: Geological Society of America Bulletin, v. 127, p. 38-60.

- Sharman, G.R., Stockli, D.F., Flaig, P.P., Raynolds, R.G., and Covault, J.A., 2018, Local-to-distant provenance cyclicity of the southern Front Range, central Colorado: Insights from detrital zircon geochronology, *in* Ingersoll, R.V., Lawton, T.F., and Graham, S.A., eds., *Tectonics, Sedimentary Basins, and Provenance: A Celebration of William R. Dickinson's Career*: Geological Society of America Special Paper 540, p. 547-569, [https://doi.org/10.1130/2018.2540\(24\)](https://doi.org/10.1130/2018.2540(24)).
- Shaw, S.E., Todd, V.D., Kimbrough, D.L., and Pearson, N.J., 2014, A west-to-east geologic transect across the Peninsular Ranges batholith, San Diego County, California: Zircon  $^{176}\text{Hf}/^{177}\text{Hf}$  evidence for the mixing of crustal- and mantle-derived magmas, and comparisons with the Sierra Nevada batholith, *in* Morton, D.M., and Miller, F.K., eds., *Peninsular Ranges Batholith, Baja California and Southern California*: Geological Society of America Memoir 211, p. 499-536.
- Silver, L.T., and Chappell, B., 1988, The Peninsular Ranges batholith: An insight into the Cordilleran batholiths of southwestern North America: *Transactions of the Royal Society of Edinburgh-Earth Sciences*, v. 79, p. 105-121.
- Stuiver, M., and Braziunas, T.F., 1993, Sun, ocean, climate and atmospheric  $^{14}\text{CO}_2$ : an evaluation of causal and spectral relationships: *Holocene*, v. 3, p. 289-305.
- Stuiver, M., and Polach, H.A., 1977, Discussion: Reporting of  $^{14}\text{C}$  data: *Radiocarbon*, v. 19, p. 355-363.
- Stuiver, M., Reimer, P.J., and Reimer, R.W., 2021, CALIB 8.2 [WWW program] at <http://calib.org>, accessed 2021-4-30.
- Walawender, M.J., Gastil, R.G., Clinkenbeard, J.P., McCormick, W.V., Eastman, B.G., Wernicke, R.S., Wardlaw, M.S., Gunn, S.H., and Smith, B.M., 1990, Origin and evolution of the zoned La Posta-type plutons, eastern Peninsular Ranges batholith, southern and Baja California, *in* Anderson, J.L., ed., *The Nature and Origin of Cordilleran Magmatism*: Geological Society of America Memoir 174, p. 1-18.