A1. ToF-SIMS negative secondary ion data in the standard reference materials BCR-1 and JB-2 and in an exposed melt inclusion FL-30-04. Mass, Dt. Mass (deviation from mass); (IiE) initial secondary ion intensity; (IE) corrected secondary ion mass intensity; (res.) resolution; (Tot.Count) total ion counts in the 100 µm × 100 µm square, (Norm.) IE normalized; (RSF) relative sensitive factor; and (SRM) published or known value for the glass material.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ion** | **#** | **Mass** | **DtMass** | **IiE** | **I**E | **RES.** | **Tot. Counts** | **Norm.** | **RSF wt%** | **SRM** | **Conc.** |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **12C** | **BCR-1** | **12.0009** | **74.7** | **419939** | **424913** | **2760** | **2.50E+08** | **1697** | **0.07** | **80** |  |
|  | N1 |  |  | 30495 | 30867 | 2583 | 1.93E+07 | 1601 |  |  | 75.4 |
|  | N2 |  |  | 22952 | 23215 | 2644 | 1.43E+07 | 1627 |  |  | 76.7 |
|  | N3 |  |  | 38084 | 38577 | 2429 | 2.34E+07 | 1647 |  |  | 77.7 |
|  | N4 |  |  | 29953 | 30293 | 2744 | 1.88E+07 | 1614 |  |  | 76.1 |
|  | **JB-2** | **12.0009** | **26.5** | **336769** | **339934** | **3019** | **2.57E+07** | **13235** | **0.24** | **189** |  |
|  | N1 |  |  | 18066 | 18159 | 2939 | 2.31E+06 | 7878 |  |  | 112.5 |
|  | N2 |  |  | 21054 | 21159 | 2932 | 2.79E+06 | 7571 |  |  | 108.1 |
|  | N3 |  |  | 67736 | 68328 | 3166 | 5.00E+06 | 13662 |  |  | 195.1 |
|  | N4 |  |  | 19880 | 20132 | 3519 | 1.23E+06 | 16362 |  |  | 233.7 |
|  | **FL-30-04** | **12.0009** | **70.3** | **993660** | **1025068** | **2228** | **2.06E+08** | **4974** |  |  |  |
|  | MI |  |  | 96569 | 99835 | 2383 | 2.33E+07 | 4276 | 0.07 |  | 201.6 |
|  | CPX |  |  | 36643 | 37691 | 2249 | 7.23E+06 | 5211 |  |  | 245.6 |
|  | CPX |  |  | 61374 | 63363 | 2037 | 1.38E+07 | 4583 |  |  | 216.0 |
|  | CPX |  |  | 50527 | 51896 | 2121 | 1.12E+07 | 4621 |  |  | 217.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **19F** | **BCR-1** | **18.9992** | **40.6** | **1874200** | **1979097** | **2772** | **2.50E+08** | **7905** | **0.06** | **490** |  |
|  | N1 |  |  | 146488 | 155653 | 2458 | 1.93E+07 | 8072 |  |  | **500.3** |
|  | N2 |  |  | 106075 | 112034 | 2685 | 1.43E+07 | 7851 |  |  | 486.6 |
|  | N3 |  |  | 182589 | 194743 | 2401 | 2.34E+07 | 8317 |  |  | 515.5 |
|  | N4 |  |  | 140914 | 148911 | 2584 | 1.88E+07 | 7934 |  |  | 491.8 |
|  | **JB-2** | **18.9976** |  | **273376** | **275456** | **3360** | **2.57E+07** | **13235** | **0.43** | **83.4** |  |
|  | N1 |  |  | 21530 | 21663 | 3514 | 2.31E+06 | 9398 |  |  | 83.4 |
|  | N2 |  |  | 25538 | 25693 | 3373 | 2.79E+06 | 9194 |  |  | 81.6 |
|  | N3 |  |  | 59782 | 60242 | 3765 | 5.00E+06 | 12045 |  |  | 106.9 |
|  | N4 |  |  | 12919 | 13024 | 3828 | 1.23E+06 | 10585 |  |  | 93.9 |
|  | **FL-30-04** | **18.9994** | **53.6** | **1660461** | **1750757** | **2136** | **2.06E+08** | **8496** |  |  |  |
|  | MI |  |  | 180702 | 192617 | 2207 | 2.33E+07 | 8251 | 0.06 |  | 511.4 |
|  | CPX |  |  | 60414 | 63336 | 2277 | 7.23E+06 | 8757 |  |  | 542.8 |
|  | CPX |  |  | 115963 | 123352 | 1903 | 1.38E+07 | 8922 |  |  | 553.0 |
|  | CPX |  |  | 94123 | 99029 | 1900 | 1.12E+07 | 8818 |  |  | 546.6 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **28Si** | BCR-1 | 27.9775 | 20.6 | 3499482 | 3891269 | 4057 | 2.50E+08 | 15543 | 1 | 54.06 | 54.1 |
|  | N1 |  |  | 276487 | 311838 | 3921 | 1.93E+07 | 16171 |  |  | 56.2 |
|  | N2 |  |  | 199784 | 222466 | 4017 | 1.43E+07 | 15590 |  |  | 54.2 |
|  | N3 |  |  | 337448 | 382467 | 3839 | 2.34E+07 | 16334 |  |  | 56.8 |
|  | N4 |  |  | 261242 | 290685 | 4101 | 1.88E+07 | 15488 |  |  | 53.9 |
|  | **JB-2** | **27.9777** | **26.3** | **31585** | **31612** | **4641** | **2.57E+07** | **1231** | 1.00 | 52.57 | 52.6 |
|  | N1 |  |  | 2207 | 2208 | 3819 | 2.31E+06 | **958** |  |  | 40.9 |
|  | N2 |  |  | 2611 | 2612 | 3515 | 2.79E+06 | **935** |  |  | 39.9 |
|  | N3 |  |  | 6104 | 6108 | 5022 | 5.00E+06 | **1221** |  |  | 52.2 |
|  | N4 |  |  | 1689 | 1690 | 5772 | 1.23E+06 | **1373** |  |  | 58.7 |
|  | **FL-30-04** | **27.9760** | **-33.1** | **4824057** | **5714072** | **3319** | **2.06E+08** | **27728** |  | 50.29 |  |
|  | MI |  |  | 375787 | 432942 | 3467 | 2.33E+07 | 18545 |  |  |  |
|  | CPX |  |  | 200203 | 238193 | 3554 | 7.23E+06 | 32932 |  |  |  |
|  | CPX |  |  | 342515 | 420572 | 3050 | 1.38E+07 | 30418 |  |  |  |
|  | CPX |  |  | 301942 | 362051 | 3194 | 1.12E+07 | 32239 |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **32S** | **BCR-1** | **31.9731** | **33.1** | **203369** | **204526** | **4449** | **2.50E+08** | **817** | **0.01** | **410** |  |
|  | N1 |  |  | 15085 | 15175 | 4332 | 1.93E+07 | 787 |  |  | 394.9 |
|  | N2 |  |  | 11301 | 11364 | 4687 | 1.43E+07 | 796 |  |  | 399.7 |
|  | N3 |  |  | 18486 | 18601 | 4290 | 2.34E+07 | 794 |  |  | 398.7 |
|  | N4 |  |  | 15037 | 15122 | 4587 | 1.88E+07 | 806 |  |  | 404.4 |
|  | **JB-2** | **31.9736** | **47** | **9927** | **9929** | **2797** | **2.57E+07** | **387** | **0.07** | **18.9** |  |
|  | N1 |  |  | 366 | 366 | 3277 | 2.31E+06 | 159 |  |  | 7.8 |
|  | N2 |  |  | 388 | 388 | 3148 | 2.79E+06 | 139 |  |  | 6.8 |
|  | N3 |  |  | 1427 | 1427 | 3108 | 5.00E+06 | 285 |  |  | 13.9 |
|  | N4 |  |  | 1564 | 1565 | 5063 | 1.23E+06 | 1272 |  |  | 62.2 |
|  | **FL-30-04** | **31.9711** | **-30.3** | **171892** | **172800** | **3517** | **2.06E+08** | **839** |  |  |  |
|  | MI |  |  | 53693 | 54682 | 3944 | 2.33E+07 | 2342 | 0.007 | 838 | 1175.5 |
|  | CPX |  |  | 4029 | 4041 | 2689 | 7.23E+06 | 559 |  |  | 280.4 |
|  | CPX |  |  | 7477 | 7505 | 3003 | 1.38E+07 | 543 |  |  | 272.4 |
|  | CPX |  |  | 6202 | 6221 | 2926 | 1.12E+07 | 554 |  |  | 278.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **35Cl** | **BCR-1** | **34.9734** | **130.6** | **2114163** | **2248955** | **2996** | **2.50E+08** | **8983** | **0.53** | **59** |  |
|  | N1 |  |  | 160462 | 171549 | 2633 | 1.93E+07 | 8896 |  |  | 58.4 |
|  | N2 |  |  | 117558 | 124938 | 2964 | 1.43E+07 | 8755 |  |  | 57.5 |
|  | N3 |  |  | 201825 | 216819 | 2557 | 2.34E+07 | 9259 |  |  | 60.8 |
|  | N4 |  |  | 156915 | 166919 | 2787 | 1.88E+07 | 8894 |  |  | 58.4 |
|  | **JB-2** | **34.9720** | **88.6** | **295645** | **298080** | **3435** | **2.57E+07** | **11605** | **0.17** | **240** |  |
|  | N1 |  |  | 16678 | 16757 | 3033 | 2.31E+06 | 7270 |  |  | 150.3 |
|  | N2 |  |  | 19412 | 19501 | 3133 | 2.79E+06 | 6978 |  |  | 144.3 |
|  | N3 |  |  | 48219 | 48518 | 3561 | 5.00E+06 | 9701 |  |  | 200.6 |
|  | N4 |  |  | 29991 | 30569 | 4215 | 1.23E+06 | 24844 |  |  | 513.8 |
|  | **FL-30-04** | **34.9724** | **100.4** | **2684929** | **2932362** | **2270** | **2.06E+08** | **14229** |  |  |  |
|  | MI |  |  | 274358 | 303176 | 2303 | 2.33E+07 | 12986 | 0.17 |  | 268.6 |
|  | CPX |  |  | 95842 | 103493 | 2427 | 7.23E+06 | 14309 |  |  | 295.9 |
|  | CPX |  |  | 189843 | 210816 | 2077 | 1.38E+07 | 15248 |  |  | 315.3 |
|  | CPX |  |  | 149477 | 162393 | 2146 | 1.12E+07 | 14460 |  |  | 299.0 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Ag** | **BCR-1** | **106.944** | **362.4** | **16138** | **16145** | **1321** | **2.50E+08** | **64** | **0.01** | **27** |  |
|  | N1 |  |  | 1348 | 1348 | 1256 | 1.93E+07 | 70 |  |  | 29.3 |
|  | N2 |  |  | 882 | 882 | 1594 | 1.43E+07 | 62 |  |  | 25.9 |
|  | N3 |  |  | 1678 | 1678 | 1266 | 2.34E+07 | 72 |  |  | 30.0 |
|  | N4 |  |  | 1128 | 1128 | 1272 | 1.88E+07 | 60 |  |  | 25.2 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **Au** | **BCR-1** | **196.967** | **0.1** | **151811** | **152454** | **2000** | **2.50E+08** | **609** | **3.21** | **0.66** |  |
| **ppb** | N1 |  |  | 12173 | 12231 | 1914 | 1.93E+07 | 634 |  |  | 0.7 |
|  | N2 |  |  | 8694 | 8731 | 1852 | 1.43E+07 | 612 |  |  | 0.7 |
|  | N3 |  |  | 15508 | 15589 | 2181 | 2.34E+07 | 666 |  |  | 0.7 |
|  | N4 |  |  | 11358 | 11406 | 1815 | 1.88E+07 | 608 |  |  | 0.7 |
|  | **FL-30-04** | **196.964** | **-11.3** | **30991** | **31020** | **2215** | **2.06E+08** | **151** |  |  |  |
|  | MI |  |  | 5636 | 5646 | 1943 | 2.33E+07 | 242 | 3.21 |  | 0.3 |
|  | CPX |  |  | 877 | 877 | 1593 | 7.23E+06 | 121 |  |  | 0.1 |
|  | CPX |  |  | 1937 | 1938 | 1966 | 1.38E+07 | 140 |  |  | 0.2 |
|  | CPX |  |  | 1440 | 1441 | 1642 | 1.12E+07 | 128 |  |  | 0.1 |

A2. ToF-SIMS positive secondary ion data in the standard reference materials BCR-1 and JB-2 and in an exposed melt inclusion FL-30-04. Mass, Dt. Mass (deviation from mass); (IiE) initial secondary ion intensity; (IE) corrected secondary ion mass intensity; (res.) resolution; (Tot.Count) total ion counts in the 100 µm × 100 µm square, (Norm.) IE normalized; (RSF) relative sensitive factor; and (SRM) published or known value for the glass material.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ion** | **#** | **Mass** | **DtMass** | **IiE** | **IE** | **RES.** | **Tot. Counts** | **Norm.** | **RSF wt%** | **SRM** | **Conc.** |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **7Li** | BCR-1 | 7.016 | -45.2 | 46289 | 46348 | 4903 | 5.81E+07 | 797.24 | 0.03 | 13.50 | 13.79 |
|  | P1 |  | -35.6 | 4338 | 4344 | 5179 | 4.96E+06 | 876.43 |  |  | 14.84 |
|  | P2 |  | -26.8 | 4634 | 4640 | 5023 | 5.77E+06 | 804.68 |  |  | 13.63 |
|  | P3 |  | -64 | 4334 | 4339 | 5159 | 5.19E+06 | 836.45 |  |  | 14.16 |
|  | P4 |  | -48 | 2560 | 2562 | 4942 | 3.47E+06 | 738.98 |  |  | 12.51 |
|  | JB-2 | 7.016 | -51.8 | 44453 | 44507 | 4442 | 6.83E+07 | 651.60 | 0.04 | 8.00 | 8.19 |
|  | P1 |  | -68.6 | 1843 | 1845 | 4621 | 2.81E+06 | 655.61 |  |  | 8.05 |
|  | P2 |  | -56.5 | 2952 | 2955 | 4659 | 4.39E+06 | 673.19 |  |  | 8.27 |
|  | P3 |  | -62.4 | 4305 | 4310 | 4805 | 6.46E+06 | 667.53 |  |  | 8.20 |
|  | P4 |  | -46.8 | 4252 | 4257 | 4605 | 6.35E+06 | 670.73 |  |  | 8.23 |
|  | FL-30-04 | 7.016 | -37.3 | 2541 | 2541 | 3075 | 4.18E+07 | 60.80 | 0.03 |  |  |
|  | MI |  | -38.3 | 1379 | 1379 | 3015 | 3.51E+06 | 392.67 |  |  | **6.65** |
|  | CPX |  | -57.8 | 42 | 42 | 13729 | 1.75E+06 | 24.01 |  | <1.29 | 0.41 |
|  | CPX |  | -14.5 | 40 | 40 | 3586 | 1.78E+06 | 22.44 |  |  | 0.38 |
|  | CPX |  | -61.6 | 30 | 30 | 3423 | 1.24E+06 | 24.22 |  |  | 0.41 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **23Na** | FL-30-04 | 22.989 | -23.20 | 3475165 | 4114504 | 5666 | 41790499 | 98455 | 115.70 |  |  |
|  | MI |  | -24.30 | 1175082 | 3578817 | 6782 | 3511818 | 1019078 |  | EPMA | 3.84 |
|  | CPX |  | -27.20 | 92605 | 102090 | 5103 | 1749510 | 58353 |  | 0.22 | 0.22 |
|  | CPX |  | -26.70 | 93879 | 102763 | 4788 | 1782571 | 57649 |  |  | 0.22 |
|  | CPX |  | -10.70 | 68516 | 75619 | 4744 | 1238634 | 61050 |  |  | 0.23 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **24Mg** | BCR-1 | 23.984 | -30.00 | 4694044 | 5438880 | 7042 | 58135900 | 93555 | 11.46 | 3.56 | 3.57 |
|  | P1 |  | -19.20 | 398107 | 467520 | 7669 | 4956483 | 94325 |  |  | 3.59 |
|  | P2 |  | -16.50 | 468157 | 543201 | 7294 | 5766301 | 94203 |  |  | 3.58 |
|  | P3 |  | -42.20 | 422382 | 491155 | 7310 | 5187388 | 94683 |  |  | 3.60 |
|  | P4 |  | -32.70 | 279552 | 318808 | 7048 | 3466960 | 91956 |  |  | 3.50 |
|  | JB-2 | 23.984 | -43.60 | 7915539 | 10428768 | 6443 | 68304243 | 152681 | 14.97 | 4.45 | 4.48 |
|  | P1 |  | -54.90 | 327645 | 433036 | 6610 | 2814164 | 153877 |  |  | 4.48 |
|  | P2 |  | -49.20 | 509880 | 672912 | 6556 | 4389532 | 153299 |  |  | 4.47 |
|  | P3 |  | -48.70 | 759846 | 998475 | 6612 | 6456646 | 154643 |  |  | 4.51 |
|  | P4 |  | -39.40 | 739616 | 970536 | 6615 | 6346798 | 152917 |  |  | 4.46 |
|  | FL-30-04 | 23.982 | -143.00 | 8544028 | 15154940 | 3695 | 41790499 | 362641 | 11.46 |  |  |
|  | MI |  | -141.60 | 547901 | 721961 | 3204 | 3511818 | 205580 |  | EPMA | 7.82 |
|  | CPX |  | -144.30 | 393529 | 744297 | 3853 | 1749510 | 425432 |  | 16.93 | 16.19 |
|  | CPX |  | -143.70 | 425999 | 801639 | 3747 | 1782571 | 449709 |  |  | 17.11 |
|  | CPX |  | -130.90 | 290948 | 557160 | 3703 | 1238634 | 449818 |  |  | 17.12 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **27Al** | BCR-1 | 26.981 | -36.70 | 11109821 | 17284944 | 7829 | 58135900 | 297320 | 9.51 | 13.64 |  |
|  | P1 |  | -25.40 | 903603 | 1440540 | 8731 | 4956483 | 290638 |  |  | 13.33 |
|  | P2 |  | -23.80 | 1107318 | 1731855 | 8129 | 5766301 | 300341 |  |  | 13.78 |
|  | P3 |  | -48.20 | 985644 | 1540737 | 8218 | 5187388 | 297016 |  |  | 13.63 |
|  | P4 |  | -40.20 | 693063 | 1041288 | 7798 | 3466960 | 300346 |  |  | 13.78 |
|  | JB-2 | 26.980 | -50.10 | 13400984 | 24561528 | 7263 | 68304243 | 359590 | 11.09 | 14.14 |  |
|  | P1 |  | -61.10 | 551426 | 1014002 | 7383 | 2814164 | 360321 |  |  | 14.17 |
|  | P2 |  | -55.70 | 859103 | 1574552 | 7399 | 4389532 | 358706 |  |  | 14.11 |
|  | P3 |  | -54.40 | 1286291 | 2337665 | 7397 | 6456646 | 362056 |  |  | 14.24 |
|  | P4 |  | -45.90 | 1255696 | 2279331 | 7363 | 6346798 | 359131 |  |  | 14.12 |
|  | FL-30-04 | 26.977 | -158.00 | 3398291 | 4006150 | 3089 | 41790499 | 95863 | 9.51 |  |  |
|  | MI |  | -148.90 | 957066 | 1822042 | 3653 | 3511818 | 518832 |  |  | 23.80 |
|  | CPX |  | -165.50 | 95782 | 105979 | 2810 | 1749510 | 60576 |  |  | 2.78 |
|  | CPX |  | -166.70 | 103555 | 114512 | 2656 | 1782571 | 64240 |  |  | 2.95 |
|  | CPX |  | -153.40 | 76314 | 85272 | 2666 | 1238634 | 68844 |  |  | 3.16 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **28Si** | BCR-1 | 27.976 | -42.60 | 5933018 | 7198178 | 7203 | 58135900 | 123816 | 1.00 | 54.01 | 53.27 |
|  | P1 |  | -31.70 | 478191 | 583611 | 7885 | 4956483 | 117747 |  |  | 51.36 |
|  | P2 |  | -29.40 | 584455 | 708425 | 7348 | 5766301 | 122856 |  |  | 53.59 |
|  | P3 |  | -53.90 | 520562 | 630959 | 7376 | 5187388 | 121633 |  |  | 53.06 |
|  | P4 |  | -44.60 | 365992 | 437670 | 7102 | 3466960 | 126240 |  |  | 55.07 |
|  | JB-2 | 27.976 | -52.80 | 6702665 | 8384488 | 5872 | 68304243 | 122752 | 1.02 | 52.57 | 52.73 |
|  | P1 |  | -62.50 | 276984 | 347168 | 5867 | 2814164 | 123365 |  |  | 52.83 |
|  | P2 |  | -58.40 | 428627 | 535812 | 5920 | 4389532 | 122066 |  |  | 52.28 |
|  | P3 |  | -55.80 | 642606 | 801945 | 5844 | 6456646 | 124205 |  |  | 53.19 |
|  | P4 |  | -47.50 | 625502 | 779762 | 5921 | 6346798 | 122859 |  |  | 52.62 |
|  | FL-30-04 | 27.970 | -267.20 | 3053951 | 3532621 | 1977 | 41790499 | 84532 | 1.00 | 51.62 | 44.37 |
|  | MI |  | -239.60 | 415181 | 505033 | 2018 | 3511818 | 143810 |  |  | 62.73 |
|  | CPX |  | -275.20 | 133310 | 154283 | 2021 | 1749510 | 88186 |  |  | 38.47 |
|  | CPX |  | -275.10 | 141845 | 163588 | 1970 | 1782571 | 91771 |  |  | 40.03 |
|  | CPX |  | -265.70 | 90059 | 102913 | 1919 | 1238634 | 83086 |  |  | 36.24 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **31P** | FL-30-04 | 30.973 | -15.30 | 10050 | 10054 | 1771 | 41790499 | 241 | 13.44 |  |  |
|  | MI |  | 6.50 | 1714 | 1715 | 1745 | 3511818 | 488 |  | LAICPMS | 74 |
|  | CPX |  | -30.70 | 340 | 340 | 2188 | 1749510 | 194 |  | 30 | 30 |
|  | CPX |  | -17.70 | 384 | 384 | 1894 | 1782571 | 215 |  |  | 33 |
|  | CPX |  | -1.80 | 330 | 330 | 1858 | 1238634 | 266 |  |  | 40 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **39K** | BCR-1 | 38.961 | -76.70 | 14839059 | 31311036 | 9513 | 58135900 | 538583 | 138.20 | 1.70 | 1.80 |
|  | P1 |  | -63.50 | 1260248 | 3134970 | 11135 | 4956483 | 632499 |  |  | 2.00 |
|  | P2 |  | -64.90 | 1491230 | 3236083 | 9984 | 5766301 | 561206 |  |  | 1.77 |
|  | P3 |  | -88.10 | 1351774 | 3033640 | 10210 | 5187388 | 584811 |  |  | 1.85 |
|  | P4 |  | -85.40 | 913362 | 1743751 | 9415 | 3466960 | 502963 |  |  | 1.59 |
|  | JB-2 | 38.961 | -82.10 | 10818255 | 16538928 | 8311 | 68304243 | 242136 | 285.47 | 0.37 | 0.38 |
|  | P1 |  | -92.60 | 451172 | 697124 | 8490 | 2814164 | 247720 |  |  | 0.38 |
|  | P2 |  | -87.90 | 707615 | 1096109 | 8411 | 4389532 | 249710 |  |  | 0.38 |
|  | P3 |  | -89.20 | 1040247 | 1584519 | 8595 | 6456646 | 245409 |  |  | 0.38 |
|  | P4 |  | -80.30 | 1020302 | 1557718 | 8475 | 6346798 | 245434 |  |  | 0.38 |
|  | FL-30-04 | 38.964 | -5.80 | 1043820 | 1092775 | 6259 | 41790499 | 26149 | 138.20 |  |  |
|  | MI |  | -7.20 | 788827 | 1249677 | 6469 | 3511818 | 355849 |  |  | 1.123 |
|  | CPX |  | 15.60 | 510 | 510 | 8737 | 1749510 | 292 |  |  | 0.001 |
|  | CPX |  | 35.50 | 483 | 483 | 1794 | 1782571 | 271 |  |  | 0.001 |
|  | CPX |  | 62.90 | 265 | 265 | 8898 | 1238634 | 214 |  |  | 0.001 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **40Ca** | BCR-1 | 39.959 | -87.50 | 11186415 | 17486160 | 8430 | 58135900 | 300781 | 18.43 | 7.12 | 7.14 |
|  | P1 |  | -76.10 | 922598 | 1494139 | 9421 | 4956483 | 301451 |  |  | 7.14 |
|  | P2 |  | -75.30 | 1114971 | 1752214 | 8632 | 5766301 | 303871 |  |  | 7.19 |
|  | P3 |  | -98.60 | 994112 | 1563267 | 8659 | 5187388 | 301359 |  |  | 7.13 |
|  | P4 |  | -91.40 | 691284 | 1037015 | 8322 | 3466960 | 299114 |  |  | 7.08 |
|  | JB-2 | 39.959 | -92.40 | 14999334 | 32247674 | 8599 | 68304243 | 472118 | 22.73 | 9.06 | 9.07 |
|  | P1 |  | -101.80 | 617145 | 1333566 | 8770 | 2814164 | 473876 |  |  | 9.09 |
|  | P2 |  | -97.60 | 962092 | 2070406 | 8626 | 4389532 | 471669 |  |  | 9.05 |
|  | P3 |  | -96.60 | 1440677 | 3060116 | 8641 | 6456646 | 473948 |  |  | 9.10 |
|  | P4 |  | -89.00 | 1408354 | 2993004 | 8821 | 6346798 | 471577 |  |  | 9.05 |
|  | FL-30-04 | 39.957 | -151.60 | 11093042 | 32847696 | 5000 | 41790499 | 786009 | 18.43 |  |  |
|  | MI |  | -141.80 | 1026565 | 2165471 | 4405 | 3511818 | 616624 |  | EPMA | 14.60 |
|  | CPX |  | -155.10 | 491531 | 1594411 | 5197 | 1749510 | 911347 |  | 22.34 | 21.57 |
|  | CPX |  | -152.30 | 533167 | 1709096 | 5067 | 1782571 | 958781 |  |  | 22.70 |
|  | CPX |  | -140.20 | 360547 | 1182852 | 5069 | 1238634 | 954965 |  |  | 22.61 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **48Ti** | BCR-1 | 47.945 | -61.90 | 929847 | 954724 | 7303 | 58135900 | 16422 | 3.20 | 2.24 | 2.23 |
|  | P1 |  | -49.80 | 75484 | 77572 | 7905 | 4956483 | 15651 |  |  | 2.13 |
|  | P2 |  | -50.10 | 93995 | 96567 | 7356 | 5766301 | 16747 |  |  | 2.28 |
|  | P3 |  | -72.70 | 81563 | 83735 | 7628 | 5187388 | 16142 |  |  | 2.20 |
|  | P4 |  | -65.90 | 57207 | 58632 | 7188 | 3466960 | 16912 |  |  | 2.31 |
|  | JB-2 | 47.945 | -65.60 | 630637 | 641949 | 6071 | 68304243 | 9398 | 3.63 | 1.13 | 1.13 |
|  | P1 |  | -73.50 | 26088 | 26559 | 6134 | 2814164 | 9438 |  |  | 1.13 |
|  | P2 |  | -70.90 | 40809 | 41548 | 6080 | 4389532 | 9465 |  |  | 1.14 |
|  | P3 |  | -68.00 | 59954 | 61010 | 6197 | 6456646 | 9449 |  |  | 1.14 |
|  | P4 |  | -62.30 | 58383 | 59408 | 6274 | 6346798 | 9360 |  |  | 1.13 |
|  | FL-30-04 | 47.941 | -137.10 | 119492 | 120099 | 2638 | 41790499 | 2874 | *3.20* |  |  |
|  | MI |  | -169.40 | 19495 | 19649 | 2702 | 3511818 | 5595 |  |  | 0.763 |
|  | CPX |  | -124.70 | 4418 | 4437 | 2646 | 1749510 | 2536 |  |  | 0.346 |
|  | CPX |  | -125.70 | 4843 | 4864 | 2547 | 1782571 | 2729 |  |  | 0.372 |
|  | CPX |  | -114.90 | 3367 | 3382 | 2618 | 1238634 | 2730 |  |  | 0.372 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **51V** | BCR-1 | 50.942 | -47.60 | 35137 | 35171 | 7415 | 58135900 | 605 | 3.01 | 410 | 406 |
|  | P1 |  | -35.40 | 2793 | 2795 | 7793 | 4956483 | 564 |  |  | 382 |
|  | P2 |  | -35.90 | 3558 | 3561 | 7496 | 5766301 | 618 |  |  | 419 |
|  | P3 |  | -59.80 | 3075 | 3077 | 8206 | 5187388 | 593 |  |  | 402 |
|  | P4 |  | -54.90 | 2150 | 2151 | 7481 | 3466960 | 620 |  |  | 420 |
|  | JB-2 | 50.941 | -63.30 | 57660 | 57752 | 7168 | 68304243 | 846 | 3.32 | 520 | 516 |
|  | P1 |  | -70.10 | 2416 | 2419 | 6642 | 2814164 | 860 |  |  | 529 |
|  | P2 |  | -69.70 | 3645 | 3650 | 7187 | 4389532 | 832 |  |  | 511 |
|  | P3 |  | -64.30 | 5465 | 5473 | 7788 | 6456646 | 848 |  |  | 521 |
|  | P4 |  | -59.50 | 5199 | 5206 | 7754 | 6346798 | 820 |  |  | 504 |
|  | FL-30-04 | 50.934 | -188.40 | 9047 | 9050 | 3378 | 41790499 | 217 | 3.01 |  |  |
|  | MI |  | -159.80 | 656 | 656 | 4486 | 3511818 | 187 |  |  | 127 |
|  | CPX |  | -207.70 | 408 | 408 | 3623 | 1749510 | 233 |  |  | 158 |
|  | CPX |  | -191.10 | 431 | 431 | 3431 | 1782571 | 242 |  |  | 164 |
|  | CPX |  | -177.40 | 323 | 323 | 2983 | 1238634 | 261 |  |  | 177 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **52Cr** | BCR-1 | 51.938 | -54.60 | 923 | 923 | 8863 | 58135900 | 16 | 2.49 | 13 | 13 |
|  | P1 |  | -40.90 | 74 | 74 | 7495 | 4956483 | 15 |  |  | 12 |
|  | P2 |  | -43.00 | 101 | 101 | 8125 | 5766301 | 18 |  |  | 14 |
|  | P3 |  | -64.50 | 70 | 70 | 43587 | 5187388 | 13 |  |  | 11 |
|  | P4 |  | -53.20 | 65 | 65 | 19273 | 3466960 | 19 |  |  | 15 |
|  | JB-2 | 51.937 | -64.70 | 2495 | 2495 | 10095 | 68304243 | 37 | 3.73 | 20 | 19 |
|  | P1 |  | -71.80 | 115 | 115 | 11416 | 2814164 | 41 |  |  | 22 |
|  | P2 |  | -65.90 | 145 | 145 | 18778 | 4389532 | 33 |  |  | 18 |
|  | P3 |  | -59.20 | 219 | 219 | 5260 | 6456646 | 34 |  |  | 19 |
|  | P4 |  | -71.10 | 211 | 211 | 4505 | 6346798 | 33 |  |  | 18 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **56Fe** | BCR-1 | 55.932 | -49.20 | 2817271 | 3063838 | 8077 | 58135900 | 52701 | 1.90 | 12.10 | 12.11 |
|  | P1 |  | -36.90 | 237845 | 260411 | 8737 | 4956483 | 52539 |  |  | 12.06 |
|  | P2 |  | -38.20 | 281849 | 306833 | 8229 | 5766301 | 53211 |  |  | 12.22 |
|  | P3 |  | -59.50 | 249630 | 271615 | 8400 | 5187388 | 52361 |  |  | 12.02 |
|  | P4 |  | -54.20 | 169861 | 183327 | 8003 | 3466960 | 52878 |  |  | 12.14 |
|  | JB-2 | 55.931 | -64.90 | 3732760 | 4183303 | 7656 | 68304243 | 61245 | 2.66 | 10.04 | 10.22 |
|  | P1 |  | -73.30 | 156840 | 176304 | 7611 | 2814164 | 62649 |  |  | 10.27 |
|  | P2 |  | -70.00 | 244196 | 274376 | 7681 | 4389532 | 62507 |  |  | 10.25 |
|  | P3 |  | -68.30 | 360364 | 403770 | 7785 | 6456646 | 62536 |  |  | 10.25 |
|  | P4 |  | -62.30 | 349812 | 391617 | 7892 | 6346798 | 61703 |  |  | 10.12 |
|  | FL-30-04 | 55.953 | 319.80 | 3806503 | 4593231 | 4755 | 41790499 | 109911 | 9.59 |  |  |
|  | MI |  | 286.00 | 302527 | 346568 | 4470 | 3511818 | 98686 |  | EPMA | 4.49 |
|  | CPX |  | 321.50 | 178509 | 219204 | 4988 | 1749510 | 125295 |  | 3.000 | 5.70 |
|  | CPX |  | 325.20 | 185487 | 225335 | 4958 | 1782571 | 126410 |  |  | 5.75 |
|  | CPX |  | 336.30 | 125258 | 152258 | 4739 | 1238634 | 122924 |  |  | 5.59 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **59Co** | BCR-1 | 58.932 | -21.50 | 1299 | 1299 | 6002 | 58135900 | 22 | 1.23 | 37 | 33 |
|  | P1 |  | -20.90 | 90 | 90 | 4551 | 4956483 | 18 |  |  | 30 |
|  | P2 |  | -11.00 | 123 | 123 | 7369 | 5766301 | 21 |  |  | 35 |
|  | P3 |  | -29.30 | 116 | 116 | 12144 | 5187388 | 22 |  |  | 37 |
|  | P4 |  | -28.40 | 65 | 65 | 6387 | 3466960 | 19 |  |  | 31 |
|  | JB-2 | 58.931 | -32.80 | 1770 | 1770 | 4407 | 68304243 | 26 | 1.60 | 33 | 35 |
|  | P1 |  | -41.20 | 81 | 81 | 4076 | 2814164 | 29 |  |  | 37 |
|  | P2 |  | -41.20 | 104 | 104 | 5036 | 4389532 | 24 |  |  | 30 |
|  | P3 |  | -39.80 | 198 | 198 | 9576 | 6456646 | 31 |  |  | 39 |
|  | P4 |  | -42.70 | 165 | 165 | 6485 | 6346798 | 26 |  |  | 33 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **63Cu** | JB-2 | 62.925 | -74.30 | 1063 | 1063 | 4195 | 68304243 | 16 | 0.15 | 214 | 220 |
|  | P1 |  | -73.70 | 46 | 46 | 11341 | 2814164 | 16 |  |  | 225 |
|  | P2 |  | -85.30 | 76 | 76 | 15430 | 4389532 | 17 |  |  | 238 |
|  | P3 |  | -71.80 | 94 | 94 | 11909 | 6456646 | 15 |  |  | 200 |
|  | P4 |  | -65.70 | 101 | 101 | 11795 | 6346798 | 16 |  |  | 219 |
|  | FL-30-04 | 62.948 | 293.60 | 13931 | 13939 | 3850 | 41790499 | 334 | *0.15* |  |  |
|  | MI |  | 310.50 | 3786 | 3791 | 4371 | 3511818 | 1079 |  |  | 14688 |
|  | CPX |  | 284.70 | 472 | 472 | 4012 | 1749510 | 270 |  |  | 3671 |
|  | CPX |  | 288.80 | 477 | 477 | 3576 | 1782571 | 268 |  |  | 3641 |
|  | CPX |  | 304.30 | 344 | 344 | 3435 | 1238634 | 278 |  |  | 3779 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **69Ga** | JB-2 | 68.921 | -61.70 | 714 | 714 | 12087 | 68304243 | 10 | 1.42 | 15 | 16 |
|  | P1 |  | -64.10 | 41 | 41 | 7490 | 2814164 | 15 |  |  | 21 |
|  | P2 |  | -63.40 | 41 | 41 | 9644 | 4389532 | 9 |  |  | 13 |
|  | P3 |  | -62.00 | 69 | 69 | 8478 | 6456646 | 11 |  |  | 15 |
|  | P4 |  | -73.10 | 62 | 62 | 9891 | 6346798 | 10 |  |  | 14 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **85Rb** | JB-2 | 84.906 | -73.00 | 13150 | 13154 | 7736 | 68304243 | 193 | 71.46 | 5.50 |  |
|  | P1 |  | -79.80 | 578 | 578 | 6715 | 2814164 | 205 |  |  | 5.87 |
|  | P2 |  | -78.80 | 892 | 892 | 8864 | 4389532 | 203 |  |  | 5.80 |
|  | P3 |  | -80.10 | 1266 | 1266 | 9990 | 6456646 | 196 |  |  | 5.60 |
|  | P4 |  | -75.70 | 1176 | 1176 | 8563 | 6346798 | 185 |  |  | 5.29 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **88Sr** | BCR-1 | 87.900 | -69.80 | 37398 | 37436 | 8438 | 58135900 | 644 | 3.93 | 334 |  |
|  | P1 |  | -59.60 | 3145 | 3148 | 9403 | 4956483 | 635 |  |  | 329.43 |
|  | P2 |  | -59.80 | 3651 | 3654 | 9189 | 5766301 | 634 |  |  | 328.68 |
|  | P3 |  | -79.90 | 3241 | 3244 | 8333 | 5187388 | 625 |  |  | 324.36 |
|  | P4 |  | -74.10 | 2250 | 2252 | 9360 | 3466960 | 650 |  |  | 336.92 |
|  | JB-2 | 87.897 | -95.80 | 20045 | 20056 | 7578 | 68304243 | 294 | 3.59 | 167 |  |
|  | P1 |  | -105.50 | 832 | 832 | 7631 | 2814164 | 296 |  |  | 168 |
|  | P2 |  | -103.10 | 1324 | 1324 | 7921 | 4389532 | 302 |  |  | 172 |
|  | P3 |  | -99.30 | 1854 | 1854 | 9363 | 6456646 | 287 |  |  | 163 |
|  | P4 |  | -89.80 | 1906 | 1907 | 7626 | 6346798 | 300 |  |  | 171 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **89Y** | BCR-1 | 88.905 | -14.90 | 2771 | 2771 | 7869 | 58135900 | 48 | 2.70 | 36 |  |
|  | P1 |  | -1.70 | 224 | 224 | 10072 | 4956483 | 45 |  |  | 34.13 |
|  | P2 |  | -12.90 | 284 | 284 | 10190 | 5766301 | 49 |  |  | 37.20 |
|  | P3 |  | -26.70 | 264 | 264 | 25563 | 5187388 | 51 |  |  | 38.44 |
|  | P4 |  | -13.00 | 168 | 168 | 10418 | 3466960 | 48 |  |  | 36.60 |
|  | JB-2 | 88.902 | -40.20 | 1519 | 1519 | 6672 | 68304243 | 22 | 2.20 | 21 |  |
|  | P1 |  | -35.90 | 57 | 57 | 4107 | 2814164 | 20 |  |  | 18.76 |
|  | P2 |  | -48.10 | 98 | 98 | 4436 | 4389532 | 22 |  |  | 20.68 |
|  | P3 |  | -33.10 | 132 | 132 | 5343 | 6456646 | 20 |  |  | 18.94 |
|  | P4 |  | -53.90 | 148 | 148 | 8047 | 6346798 | 23 |  |  | 21.60 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **90Zr** | BCR-1 | 89.898 | -75.80 | 1169 | 1169 | 8856 | 58135900 | 20 | 0.22 | 189 |  |
|  | P1 |  | -73.60 | 80 | 80 | 8658 | 4956483 | 16 |  |  | 151.71 |
|  | P2 |  | -71.10 | 130 | 130 | 10757 | 5766301 | 23 |  |  | 211.90 |
|  | P3 |  | -88.00 | 109 | 109 | 12240 | 5187388 | 21 |  |  | 197.50 |
|  | P4 |  | -83.10 | 75 | 75 | 8949 | 3466960 | 22 |  |  | 203.33 |
|  | JB-2 | 89.897 | -86.70 | 341 | 341 | 7775 | 68304243 | 5 | 0.24 | 42.90 |  |
|  | P1 |  | -109.80 | 11 | 11 | 25176 | 2814164 | 4 |  |  | 33.59 |
|  | P2 |  | -84.30 | 24 | 24 | 4763 | 4389532 | 5 |  |  | 46.98 |
|  | P3 |  | -73.00 | 32 | 32 | 11748 | 6456646 | 5 |  |  | 42.59 |
|  | P4 |  | -99.50 | 30 | 30 | 19581 | 6346798 | 5 |  |  | 40.62 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **133Cs** | BCR-1 | 132.901 | -36.60 | 26120 | 26138 | 8113 | 58135900 | 450 | 986.65 | 0.93 |  |
|  | P1 |  | -22.90 | 2626 | 2628 | 9855 | 4956483 | 530 |  |  | 1.10 |
|  | P2 |  | -28.30 | 2031 | 2032 | 8532 | 5766301 | 352 |  |  | 0.73 |
|  | P3 |  | -47.60 | 2298 | 2299 | 8977 | 5187388 | 443 |  |  | 0.92 |
|  | P4 |  | -46.80 | 1114 | 1114 | 8992 | 3466960 | 321 |  |  | 0.66 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **115In** | JB-2 | 114.907 | 28.20 | 19177 | 19187 | 3851 | 68304243 | 281 | 8406.1 | 0.07 |  |
|  | P1 |  | 22.70 | 785 | 785 | 5082 | 2814164 | 279 |  |  | 0.07 |
|  | P2 |  | 20.90 | 1240 | 1240 | 3852 | 4389532 | 282 |  |  | 0.07 |
|  | P3 |  | 21.30 | 1714 | 1714 | 3929 | 6456646 | 265 |  |  | 0.06 |
|  | P4 |  | 32.00 | 1764 | 1764 | 4033 | 6346798 | 278 |  |  | 0.07 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **138Ba** | BCR-1 | 137.898 | -55.30 | 36503 | 36540 | 8259 | 58135900 | 629 | 1.88 | 682 |  |
|  | P1 |  | -45.30 | 3093 | 3096 | 9121 | 4956483 | 625 |  |  | 677.78 |
|  | P2 |  | -45.40 | 3715 | 3718 | 8082 | 5766301 | 645 |  |  | 699.64 |
|  | P3 |  | -66.10 | 3156 | 3159 | 8154 | 5187388 | 609 |  |  | 660.79 |
|  | P4 |  | -60.30 | 2262 | 2264 | 8483 | 3466960 | 653 |  |  | 708.58 |
|  | JB-2 | 137.895 | -75.00 | 12811 | 12815 | 7262 | 68304243 | 188 | 1.96 | 195 |  |
|  | P1 |  | -82.50 | 511 | 511 | 6745 | 2814164 | 182 |  |  | 188.73 |
|  | P2 |  | -77.60 | 778 | 778 | 7530 | 4389532 | 177 |  |  | 184.22 |
|  | P3 |  | -78.00 | 1257 | 1257 | 7740 | 6456646 | 195 |  |  | 202.34 |
|  | P4 |  | -75.60 | 1206 | 1206 | 6664 | 6346798 | 190 |  |  | 197.50 |
|  | FL-30-04 | 137.907 | 9.80 | 7875 | 7877 | 3070 | 41790499 | 188 |  |  |  |
|  | MI |  | -56.30 | 965 | 965 | 3698 | 3511818 | 275 | *1.88* |  | *298.2* |
|  | CPX |  | 24.60 | 350 | 350 | 3916 | 1749510 | 200 |  |  | *217.1* |
|  | CPX |  | 14.30 | 337 | 337 | 2667 | 1782571 | 189 |  |  | *205.1* |
|  | CPX |  | 41.90 | 228 | 228 | 2563 | 1238634 | 184 |  |  | *199.7* |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **139La** | BCR-1 | 138.906 | -6.40 | 45145 | 45201 | 8494 | 58135900 | 778 | 62.97 | 25 |  |
|  | P1 |  | 9.40 | 4270 | 4276 | 9337 | 4956483 | 863 |  |  | 27.96 |
|  | P2 |  | 2.40 | 4538 | 4543 | 9354 | 5766301 | 788 |  |  | 25.54 |
|  | P3 |  | -14.40 | 4063 | 4068 | 9881 | 5187388 | 784 |  |  | 25.42 |
|  | P4 |  | -18.10 | 2365 | 2367 | 8779 | 3466960 | 683 |  |  | 22.13 |
|  | JB-2 | 138.904 | -17.20 | 76645 | 76808 | 8872 | 68304243 | 1124 | 1109 | 2.07 |  |
|  | P1 |  | -24.30 | 3010 | 3016 | 10088 | 2814164 | 1072 |  |  | 1.97 |
|  | P2 |  | -22.60 | 4888 | 4898 | 8933 | 4389532 | 1116 |  |  | 2.05 |
|  | P3 |  | -22.30 | 6830 | 6843 | 9304 | 6456646 | 1060 |  |  | 1.95 |
|  | P4 |  | -18.30 | 7128 | 7142 | 9733 | 6346798 | 1125 |  |  | 2.07 |
|  | FL-30-04 | 138.912 | 41.30 | 67803 | 67998 | 4923 | 41790499 | 1627 |  |  |  |
|  | MI |  | 42.50 | 5780 | 5793 | 4750 | 3511818 | 1650 | *1108.7* |  | 3.04 |
|  | CPX |  | 39.20 | 2840 | 2847 | 5761 | 1749510 | 1627 |  |  | 3.00 |
|  | CPX |  | 42.70 | 2870 | 2877 | 5087 | 1782571 | 1614 |  |  | 2.97 |
|  | CPX |  | 51.80 | 2282 | 2288 | 4958 | 1238634 | 1847 |  |  | 3.40 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **140Ce** | BCR-1 | 139.903 | -16.90 | 25851 | 25869 | 8636 | 58135900 | 445 | 16.91 | 54 |  |
|  | P1 |  | -2.00 | 2318 | 2319 | 8717 | 4956483 | 468 |  |  | 56.46 |
|  | P2 |  | -6.90 | 2625 | 2626 | 9844 | 5766301 | 455 |  |  | 54.96 |
|  | P3 |  | -25.90 | 2259 | 2260 | 8993 | 5187388 | 436 |  |  | 52.58 |
|  | P4 |  | -28.40 | 1352 | 1352 | 8571 | 3466960 | 390 |  |  | 47.06 |
|  | JB-2 | 139.900 | -40.10 | 57271 | 57362 | 7962 | 68304243 | 840 | 287.57 | 5.96 |  |
|  | P1 |  | -49.00 | 2296 | 2299 | 7983 | 2814164 | 817 |  |  | 5.80 |
|  | P2 |  | -46.40 | 3740 | 3746 | 7505 | 4389532 | 853 |  |  | 6.06 |
|  | P3 |  | -46.70 | 5127 | 5134 | 8626 | 6456646 | 795 |  |  | 5.64 |
|  | P4 |  | -39.90 | 5274 | 5282 | 9033 | 6346798 | 832 |  |  | 5.91 |
|  | FL-30-04 | 139.908 | 19.10 | 145148 | 146045 | 5274 | 41790499 | 3495 |  |  |  |
|  | MI |  | 25.50 | 4872 | 4881 | 5388 | 3511818 | 1390 | *287.57* |  | 9.86 |
|  | CPX |  | 16.10 | 7599 | 7655 | 5516 | 1749510 | 4376 |  |  | 31.05 |
|  | CPX |  | 20.30 | 7279 | 7326 | 5386 | 1782571 | 4110 |  |  | 29.17 |
|  | CPX |  | 31.00 | 5303 | 5340 | 5524 | 1238634 | 4311 |  |  | 30.60 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| **142Nd** | BCR-1 | 141.902 | -41.80 | 37714 | 37753 | 8596 | 58135900 | 649 | 46.18 | 29 |  |
|  | P1 |  | -27.40 | 3426 | 3430 | 9277 | 4956483 | 692 |  |  | 31 |
|  | P2 |  | -32.90 | 3826 | 3830 | 8851 | 5766301 | 664 |  |  | 29 |
|  | P3 |  | -50.50 | 3329 | 3332 | 9537 | 5187388 | 642 |  |  | 28 |
|  | P4 |  | -48.00 | 1949 | 1950 | 9629 | 3466960 | 562 |  |  | 25 |
|  | FL-30-04 | 141.908 | -1.10 | 36609 | 36665 | 5171 | 41790499 | 877 | 46.18 |  |  |
|  | MI |  | 22.70 | 5022 | 5032 | 5424 | 3511818 | 1433 |  |  | 63 |
|  | CPX |  | -11.80 | 1579 | 1581 | 5737 | 1749510 | 904 |  |  | 40 |
|  | CPX |  | 2.00 | 1527 | 1529 | 5482 | 1782571 | 858 |  |  | 38 |
|  | CPX |  | 9.50 | 1138 | 1139 | 5599 | 1238634 | 920 |  |  | 41 |