Supplementary Table 2. Lu-Hf isotopes analytical data for the zircons from the samples collected from the Wulian complex in the Sulu Orogenic Belt, China.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Age(Ma) | 176Yb/177Hf | 176Lu/177Hf | 176Hf/177Hf | 2σ | εHf(0) | εHf(t) | 2σ | TDM | TDM(Hf2) | 2σ | TDM(Hf)C | fLu/Hf |
| **LX05-2 (quartzite)** | | | | | | | | | | | | | |
| LX05-2-01 | 2174 | 0.032676 | 0.000840 | 0.281380 | 0.000018 | -49.24 | -1.85 | 0.63 | 2603 | 3151 | 24 | 2863 | -0.97 |
| LX05-2-02 | 2506 | 0.021006 | 0.000547 | 0.281050 | 0.000017 | -60.91 | -5.63 | 0.60 | 3026 | 3701 | 23 | 3348 | -0.98 |
| LX05-2-03 | 2492 | 0.026271 | 0.000716 | 0.281366 | 0.000021 | -49.71 | 5.03 | 0.75 | 2613 | 2768 | 28 | 2686 | -0.98 |
| LX05-2-04 | 2629 | 0.009520 | 0.000277 | 0.281174 | 0.000017 | -56.50 | 2.09 | 0.60 | 2840 | 3116 | 23 | 2972 | -0.99 |
| LX05-2-05 | 2428 | 0.021634 | 0.000611 | 0.280864 | 0.000017 | -67.48 | -14.11 | 0.60 | 3280 | 4380 | 22 | 3803 | -0.98 |
| LX05-2-06 | 2030 | 0.014990 | 0.000403 | 0.281429 | 0.000016 | -47.49 | -2.71 | 0.58 | 2507 | 3130 | 22 | 2805 | -0.99 |
| LX05-2-07 | 2413 | 0.007281 | 0.000181 | 0.281034 | 0.000016 | -61.46 | -7.69 | 0.55 | 3019 | 3817 | 21 | 3402 | -0.99 |
| LX05-2-08 | 2190 | 0.021777 | 0.000587 | 0.281276 | 0.000016 | -52.91 | -4.80 | 0.58 | 2726 | 3419 | 22 | 3056 | -0.98 |
| LX05-2-09 | 2472 | 0.015241 | 0.000413 | 0.281117 | 0.000017 | -58.52 | -3.77 | 0.61 | 2926 | 3517 | 23 | 3209 | -0.99 |
| LX05-2-10 | 2115 | 0.022904 | 0.000696 | 0.281127 | 0.000017 | -58.17 | -11.93 | 0.61 | 2934 | 3987 | 23 | 3434 | -0.98 |
| LX05-2-11 | 2445 | 0.012355 | 0.000346 | 0.281225 | 0.000018 | -54.71 | -0.45 | 0.63 | 2777 | 3211 | 24 | 2985 | -0.99 |
| LX05-2-12 | 2691 | 0.040717 | 0.001054 | 0.280710 | 0.000021 | -72.93 | -14.45 | 0.76 | 3525 | 4580 | 29 | 4022 | -0.97 |
| LX05-2-13 | 2526 | 0.011649 | 0.000266 | 0.281304 | 0.000018 | -51.90 | 4.37 | 0.63 | 2665 | 2848 | 24 | 2753 | -0.99 |
| LX05-2-14 | 2458 | 0.031126 | 0.000834 | 0.281064 | 0.000017 | -60.39 | -6.68 | 0.62 | 3029 | 3759 | 23 | 3375 | -0.97 |
| LX05-2-15 | 2186 | 0.034707 | 0.000927 | 0.281430 | 0.000021 | -47.48 | 0.07 | 0.76 | 2541 | 2993 | 29 | 2754 | -0.97 |
| LX05-2-16 | 2655 | 0.026795 | 0.000705 | 0.280955 | 0.000019 | -64.24 | -5.88 | 0.69 | 3165 | 3821 | 26 | 3477 | -0.98 |
| LX05-2-17 | 2525 | 0.038732 | 0.000986 | 0.281018 | 0.000019 | -62.04 | -7.09 | 0.66 | 3104 | 3839 | 25 | 3451 | -0.97 |
| LX05-2-18 | 2491 | 0.024721 | 0.000625 | 0.280944 | 0.000017 | -64.66 | -9.87 | 0.59 | 3174 | 4056 | 22 | 3594 | -0.98 |
| LX05-2-19 | 1847 | 0.037884 | 0.000992 | 0.281493 | 0.000018 | -45.24 | -5.30 | 0.64 | 2459 | 3235 | 25 | 2825 | -0.97 |
| LX05-2-20 | 2250 | 0.075616 | 0.002010 | 0.281298 | 0.000018 | -52.12 | -4.82 | 0.65 | 2798 | 3460 | 25 | 3103 | -0.94 |
| LX05-2-21 | 2710 | 0.027786 | 0.000720 | 0.281018 | 0.000017 | -62.04 | -2.44 | 0.59 | 3083 | 3562 | 22 | 3310 | -0.98 |
| LX05-2-22 | 2564 | 0.027385 | 0.000709 | 0.281046 | 0.000016 | -61.02 | -4.71 | 0.58 | 3043 | 3660 | 22 | 3336 | -0.98 |
| LX05-2-23 | 2476 | 0.014851 | 0.000467 | 0.281252 | 0.000019 | -53.75 | 1.02 | 0.68 | 2749 | 3105 | 25 | 2919 | -0.99 |
| LX05-2-24 | 2180 | 0.021553 | 0.000597 | 0.281571 | 0.000017 | -42.48 | 5.44 | 0.61 | 2328 | 2519 | 23 | 2419 | -0.98 |
| LX05-2-25 | 2026 | 0.009265 | 0.000253 | 0.281514 | 0.000016 | -44.49 | 0.43 | 0.56 | 2384 | 2854 | 21 | 2609 | -0.99 |
| LX05-2-26 | 2016 | 0.017207 | 0.000452 | 0.281195 | 0.000017 | -55.78 | -11.41 | 0.59 | 2825 | 3878 | 22 | 3328 | -0.99 |
| LX05-2-27 | 2170 | 0.022027 | 0.000589 | 0.281325 | 0.000020 | -51.18 | -3.51 | 0.72 | 2660 | 3294 | 27 | 2962 | -0.98 |
| LX05-2-28 | 1983 | 0.035388 | 0.000948 | 0.281577 | 0.000016 | -42.27 | 0.75 | 0.56 | 2341 | 2797 | 21 | 2556 | -0.97 |
| LX05-2-29 | 2525 | 0.061800 | 0.001642 | 0.281256 | 0.000023 | -53.61 | 0.26 | 0.81 | 2829 | 3204 | 32 | 3003 | -0.95 |
| LX05-2-30 | 2122 | 0.024627 | 0.000666 | 0.281325 | 0.000017 | -51.18 | -4.71 | 0.60 | 2665 | 3366 | 23 | 2998 | -0.98 |
| LX05-2-31 | 2239 | 0.032912 | 0.000888 | 0.280878 | 0.000018 | -66.97 | -18.28 | 0.65 | 3284 | 4616 | 25 | 3914 | -0.97 |
| LX05-2-32 | 2236 | 0.039346 | 0.001057 | 0.281185 | 0.000020 | -56.11 | -7.69 | 0.71 | 2882 | 3700 | 27 | 3268 | -0.97 |
| LX05-2-33 | 1989 | 0.040753 | 0.001075 | 0.281589 | 0.000016 | -41.83 | 1.15 | 0.56 | 2332 | 2765 | 22 | 2536 | -0.97 |
| LX05-2-34 | 3307 | 0.020119 | 0.000536 | 0.280622 | 0.000018 | -76.04 | -2.49 | 0.64 | 3595 | 3967 | 24 | 3772 | -0.98 |
| LX05-2-35 | 2030 | 0.025391 | 0.000687 | 0.281520 | 0.000015 | -44.29 | 0.12 | 0.54 | 2403 | 2883 | 21 | 2631 | -0.98 |
| LX05-2-36 | 2243 | 0.023602 | 0.000782 | 0.281417 | 0.000018 | -47.92 | 1.11 | 0.65 | 2548 | 2940 | 25 | 2734 | -0.98 |
| LX05-2-37 | 2217 | 0.010092 | 0.000283 | 0.281328 | 0.000014 | -51.06 | -1.88 | 0.51 | 2635 | 3183 | 19 | 2898 | -0.99 |
| LX05-2-38 | 2166 | 0.023791 | 0.000642 | 0.281164 | 0.000018 | -56.85 | -9.38 | 0.65 | 2880 | 3801 | 25 | 3318 | -0.98 |
| LX05-2-39 | 2528 | 0.009061 | 0.000265 | 0.281310 | 0.000017 | -51.71 | 4.61 | 0.62 | 2658 | 2828 | 23 | 2740 | -0.99 |
| LX05-2-40 | 2498 | 0.038064 | 0.000998 | 0.281117 | 0.000017 | -58.54 | -4.20 | 0.61 | 2971 | 3571 | 23 | 3254 | -0.97 |
| LX05-2-41 | 2500 | 0.012422 | 0.000358 | 0.281344 | 0.000017 | -50.51 | 5.02 | 0.61 | 2619 | 2774 | 23 | 2693 | -0.99 |
| LX05-2-42 | 2696 | 0.028813 | 0.000704 | 0.281109 | 0.000014 | -58.82 | 0.51 | 0.51 | 2959 | 3298 | 19 | 3120 | -0.98 |
| LX05-2-43 | 2501 | 0.009497 | 0.000247 | 0.281132 | 0.000016 | -58.01 | -2.32 | 0.56 | 2894 | 3411 | 21 | 3142 | -0.99 |
| LX05-2-44 | 2154 | 0.021877 | 0.000567 | 0.281052 | 0.000018 | -60.82 | -13.53 | 0.62 | 3024 | 4151 | 23 | 3561 | -0.98 |
| LX05-2-45 | 2150 | 0.017151 | 0.000456 | 0.281270 | 0.000018 | -53.13 | -5.74 | 0.62 | 2725 | 3474 | 23 | 3083 | -0.99 |
| LX05-2-46 | 2705 | 0.028517 | 0.000735 | 0.281068 | 0.000016 | -60.27 | -0.80 | 0.58 | 3017 | 3417 | 22 | 3207 | -0.98 |
| LX05-2-47 | 2063 | 0.044668 | 0.001161 | 0.281483 | 0.000017 | -45.59 | -1.10 | 0.60 | 2483 | 3012 | 23 | 2732 | -0.97 |
| **LX06-5 (leptynite)** | | | | | | | | | | | | | |
| LX06-5-01 | 2537 | 0.006426 | 0.000140 | 0.281334 | 0.000015 | -50.86 | 5.88 | 0.53 | 2618 | 2724 | 20 | 2669 | -1.00 |
| LX06-5-02 | 2517 | 0.017873 | 0.000515 | 0.281250 | 0.000019 | -53.82 | 1.81 | 0.68 | 2755 | 3064 | 26 | 2903 | -0.98 |
| LX06-5-03 | 2802 | 0.018228 | 0.000533 | 0.281106 | 0.000017 | -58.92 | 3.15 | 0.60 | 2950 | 3142 | 23 | 3041 | -0.98 |
| LX06-5-04 | 2567 | 0.034304 | 0.001063 | 0.281266 | 0.000019 | -53.27 | 2.54 | 0.69 | 2774 | 3035 | 26 | 2897 | -0.97 |
| LX06-5-05 | 2498 | 0.035217 | 0.000971 | 0.281372 | 0.000016 | -49.50 | 4.94 | 0.57 | 2622 | 2779 | 22 | 2696 | -0.97 |
| LX06-5-06 | 2803 | 0.019048 | 0.000536 | 0.281090 | 0.000015 | -59.49 | 2.59 | 0.54 | 2972 | 3191 | 20 | 3076 | -0.98 |
| LX06-5-07 | 2488 | 0.011212 | 0.000299 | 0.281275 | 0.000014 | -52.94 | 2.39 | 0.49 | 2707 | 2994 | 18 | 2845 | -0.99 |
| LX06-5-08 | 2520 | 0.014305 | 0.000424 | 0.281152 | 0.000015 | -57.29 | -1.46 | 0.52 | 2880 | 3349 | 20 | 3104 | -0.99 |
| LX06-5-09 | 2507 | 0.013935 | 0.000402 | 0.281184 | 0.000013 | -56.17 | -0.60 | 0.48 | 2836 | 3266 | 18 | 3042 | -0.99 |
| LX06-5-10 | 2729 | 0.018011 | 0.000473 | 0.281146 | 0.000014 | -57.52 | 3.00 | 0.49 | 2892 | 3105 | 18 | 2994 | -0.99 |
| LX06-5-11 | 2081 | 0.004429 | 0.000097 | 0.281435 | 0.000016 | -47.29 | -0.92 | 0.55 | 2480 | 3008 | 21 | 2734 | -1.00 |
| LX06-5-12 | 2676 | 0.026444 | 0.000676 | 0.281053 | 0.000018 | -60.78 | -1.87 | 0.65 | 3032 | 3489 | 25 | 3249 | -0.98 |
| LX06-5-13 | 2491 | 0.018184 | 0.000512 | 0.281331 | 0.000020 | -50.98 | 4.08 | 0.70 | 2647 | 2850 | 26 | 2744 | -0.98 |
| LX06-5-14 | 1809 | 0.008960 | 0.000229 | 0.281354 | 0.000015 | -50.14 | -10.12 | 0.54 | 2596 | 3631 | 20 | 3093 | -0.99 |
| LX06-5-15 | 2485 | 0.024376 | 0.000755 | 0.281341 | 0.000019 | -50.61 | 3.90 | 0.67 | 2650 | 2861 | 26 | 2750 | -0.98 |
| LX06-5-16 | 2680 | 0.027274 | 0.000779 | 0.281107 | 0.000018 | -58.87 | -0.04 | 0.65 | 2967 | 3334 | 25 | 3141 | -0.98 |
| LX06-5-17 | 2779 | 0.020103 | 0.000578 | 0.281189 | 0.000019 | -55.99 | 5.48 | 0.67 | 2842 | 2924 | 25 | 2881 | -0.98 |
| LX06-5-18 | 2502 | 0.019241 | 0.000642 | 0.281292 | 0.000021 | -52.35 | 2.72 | 0.74 | 2708 | 2975 | 28 | 2835 | -0.98 |
| LX06-5-19 | 2561 | 0.011906 | 0.000386 | 0.281304 | 0.000016 | -51.92 | 4.94 | 0.57 | 2674 | 2822 | 21 | 2745 | -0.99 |
| LX06-5-20 | 2476 | 0.013494 | 0.000378 | 0.281296 | 0.000017 | -52.20 | 2.73 | 0.62 | 2684 | 2956 | 23 | 2815 | -0.99 |
| LX06-5-21 | 2519 | 0.036271 | 0.001042 | 0.281427 | 0.000017 | -47.58 | 7.23 | 0.62 | 2552 | 2595 | 24 | 2572 | -0.97 |
| LX06-5-22 | 2744 | 0.021644 | 0.000578 | 0.280960 | 0.000018 | -64.08 | -3.46 | 0.64 | 3148 | 3672 | 24 | 3398 | -0.98 |
| LX06-5-23 | 2584 | 0.012974 | 0.000346 | 0.281048 | 0.000017 | -60.97 | -3.56 | 0.61 | 3013 | 3574 | 23 | 3282 | -0.99 |
| LX06-5-24 | 2740 | 0.012259 | 0.000372 | 0.281084 | 0.000016 | -59.68 | 1.26 | 0.58 | 2967 | 3263 | 22 | 3108 | -0.99 |
| LX06-5-25 | 2505 | 0.000392 | 0.000008 | 0.281259 | 0.000017 | -53.51 | 2.70 | 0.61 | 2708 | 2979 | 23 | 2839 | -1.00 |
| LX06-5-26 | 2022 | 0.024581 | 0.000661 | 0.281515 | 0.000016 | -44.46 | -0.19 | 0.56 | 2408 | 2905 | 22 | 2644 | -0.98 |
| LX06-5-27 | 2521 | 0.011822 | 0.000346 | 0.281131 | 0.000018 | -58.02 | -2.04 | 0.63 | 2902 | 3400 | 24 | 3141 | -0.99 |
| LX06-5-28 | 3347 | 0.024881 | 0.000651 | 0.280535 | 0.000019 | -79.10 | -4.91 | 0.68 | 3720 | 4200 | 25 | 3948 | -0.98 |
| LX06-5-29 | 1826 | 0.010883 | 0.000322 | 0.281405 | 0.000016 | -48.35 | -8.06 | 0.55 | 2535 | 3463 | 21 | 2979 | -0.99 |
| LX06-5-30 | 2572 | 0.018768 | 0.000528 | 0.281082 | 0.000016 | -59.78 | -2.96 | 0.57 | 2982 | 3514 | 22 | 3236 | -0.98 |
| LX06-5-31 | 2498 | 0.012139 | 0.000339 | 0.280769 | 0.000017 | -70.82 | -15.42 | 0.62 | 3382 | 4538 | 23 | 3936 | -0.99 |
| LX06-5-32 | 2516 | 0.045276 | 0.001221 | 0.281386 | 0.000020 | -49.01 | 5.41 | 0.71 | 2620 | 2750 | 27 | 2681 | -0.96 |
| LX06-5-33 | 2710 | 0.019281 | 0.000566 | 0.281138 | 0.000017 | -57.79 | 2.12 | 0.59 | 2910 | 3168 | 22 | 3033 | -0.98 |
| LX06-5-34 | 2209 | 0.001262 | 0.000029 | 0.281347 | 0.000013 | -50.40 | -1.01 | 0.45 | 2593 | 3102 | 17 | 2838 | -1.00 |
| LX06-5-35 | 2494 | 0.016598 | 0.000458 | 0.281319 | 0.000013 | -51.37 | 3.84 | 0.46 | 2658 | 2872 | 17 | 2760 | -0.99 |
| LX06-5-36 | 2711 | 0.031019 | 0.000814 | 0.281035 | 0.000018 | -61.41 | -1.96 | 0.64 | 3066 | 3521 | 24 | 3282 | -0.98 |
| LX06-5-37 | 2506 | 0.012857 | 0.000361 | 0.281326 | 0.000017 | -51.14 | 4.51 | 0.61 | 2643 | 2822 | 23 | 2728 | -0.99 |
| LX06-5-38 | 2514 | 0.025594 | 0.000730 | 0.281087 | 0.000019 | -59.60 | -4.45 | 0.68 | 2991 | 3604 | 26 | 3282 | -0.98 |
| LX06-5-39 | 2788 | 0.021911 | 0.000613 | 0.281166 | 0.000018 | -56.78 | 4.82 | 0.63 | 2875 | 2987 | 24 | 2928 | -0.98 |
| LX06-5-40 | 2705 | 0.059983 | 0.001632 | 0.281220 | 0.000018 | -54.87 | 2.98 | 0.65 | 2878 | 3091 | 25 | 2977 | -0.95 |
| **LX03-2 (marble)** | | | | | | | | | | | | | |
| LX03-2-01 | 2517 | 0.010039 | 0.000307 | 0.281431 | 0.000020 | -47.44 | 8.58 | 0.71 | 2499 | 2476 | 27 | 2488 | -0.99 |
| LX03-2-02 | 2690 | 0.035093 | 0.001041 | 0.281287 | 0.000018 | -52.53 | 6.09 | 0.64 | 2743 | 2811 | 25 | 2775 | -0.97 |
| LX03-2-03 | 1948 | 0.010858 | 0.000362 | 0.281497 | 0.000024 | -45.11 | -2.11 | 0.85 | 2414 | 3023 | 32 | 2705 | -0.99 |
| LX03-2-04 | 2487 | 0.000959 | 0.000028 | 0.281319 | 0.000017 | -51.38 | 4.40 | 0.60 | 2629 | 2819 | 22 | 2721 | -1.00 |
| LX03-2-05 | 2477 | 0.019535 | 0.000534 | 0.281117 | 0.000022 | -58.55 | -3.88 | 0.77 | 2936 | 3530 | 29 | 3219 | -0.98 |
| LX03-2-06 | 2036 | 0.023514 | 0.000848 | 0.281473 | 0.000020 | -45.93 | -1.61 | 0.70 | 2476 | 3039 | 27 | 2742 | -0.97 |
| LX03-2-07 | 1831 | 0.019084 | 0.000462 | 0.281612 | 0.000023 | -41.03 | -0.78 | 0.81 | 2264 | 2828 | 31 | 2534 | -0.99 |
| LX03-2-09 | 2744 | 0.017926 | 0.000500 | 0.281221 | 0.000015 | -54.87 | 5.95 | 0.54 | 2794 | 2860 | 21 | 2825 | -0.98 |
| LX03-2-11 | 1982 | 0.004381 | 0.000114 | 0.281803 | 0.000017 | -34.26 | 9.89 | 0.61 | 1987 | 1993 | 23 | 1990 | -1.00 |
| LX03-2-12 | 1431 | 0.055489 | 0.001393 | 0.282009 | 0.000034 | -26.97 | 3.49 | 1.20 | 1766 | 2184 | 47 | 1961 | -0.96 |
| LX03-2-13 | 2091 | 0.028611 | 0.000763 | 0.281582 | 0.000020 | -42.09 | 3.58 | 0.71 | 2323 | 2621 | 27 | 2465 | -0.98 |
| LX03-2-14 | 1975 | 0.035318 | 0.000917 | 0.281501 | 0.000023 | -44.95 | -2.08 | 0.80 | 2443 | 3039 | 31 | 2724 | -0.97 |
| LX03-2-15 | 2501 | 0.013588 | 0.000427 | 0.281363 | 0.000019 | -49.82 | 5.60 | 0.68 | 2598 | 2723 | 26 | 2658 | -0.99 |
| LX03-2-16 | 1979 | 0.014664 | 0.000458 | 0.281401 | 0.000018 | -48.47 | -4.92 | 0.65 | 2548 | 3289 | 25 | 2902 | -0.99 |
| LX03-2-17 | 2549 | 0.010649 | 0.000314 | 0.281414 | 0.000019 | -48.02 | 8.71 | 0.69 | 2522 | 2486 | 26 | 2504 | -0.99 |
| LX03-2-18 | 2539 | 0.013812 | 0.000385 | 0.281332 | 0.000022 | -50.94 | 5.43 | 0.79 | 2637 | 2765 | 30 | 2698 | -0.99 |
| LX03-2-19 | 1458 | 0.090949 | 0.002239 | 0.282260 | 0.000025 | -18.09 | 12.17 | 0.87 | 1446 | 1431 | 35 | 1439 | -0.93 |
| LX03-2-20 | 2498 | 0.018218 | 0.000542 | 0.281392 | 0.000017 | -48.80 | 6.37 | 0.61 | 2566 | 2655 | 23 | 2608 | -0.98 |
| LX03-2-21 | 1463 | 0.078782 | 0.002034 | 0.282325 | 0.000024 | -15.80 | 14.76 | 0.84 | 1345 | 1203 | 34 | 1280 | -0.94 |
| LX03-2-22 | 1954 | 0.029461 | 0.000856 | 0.281712 | 0.000020 | -37.48 | 5.04 | 0.72 | 2150 | 2401 | 28 | 2269 | -0.97 |
| LX03-2-23 | 1915 | 0.009351 | 0.000273 | 0.281534 | 0.000018 | -43.78 | -1.41 | 0.64 | 2358 | 2940 | 24 | 2637 | -0.99 |
| LX03-2-24 | 1459 | 0.061830 | 0.001613 | 0.281943 | 0.000024 | -29.32 | 1.53 | 0.84 | 1870 | 2376 | 33 | 2105 | -0.95 |
| LX03-2-25 | 1935 | 0.003784 | 0.000138 | 0.281371 | 0.000031 | -49.55 | -6.57 | 1.10 | 2568 | 3404 | 41 | 2970 | -1.00 |
| LX03-2-26 | 1540 | 0.044880 | 0.001200 | 0.281901 | 0.000020 | -30.81 | 2.21 | 0.71 | 1908 | 2371 | 28 | 2125 | -0.96 |
| LX03-2-28 | 1444 | 0.034578 | 0.000920 | 0.281756 | 0.000028 | -35.92 | -4.74 | 1.00 | 2093 | 2919 | 39 | 2484 | -0.97 |
| LX03-2-29 | 1866 | 0.020135 | 0.000690 | 0.281661 | 0.000045 | -39.29 | 1.48 | 1.59 | 2211 | 2654 | 61 | 2421 | -0.98 |
| LX03-2-30 | 2520 | 0.016182 | 0.000542 | 0.281430 | 0.000041 | -47.47 | 8.22 | 1.45 | 2515 | 2509 | 55 | 2512 | -0.98 |
| LX03-2-31 | 2503 | 0.033469 | 0.001023 | 0.281429 | 0.000034 | -47.50 | 6.97 | 1.21 | 2548 | 2606 | 46 | 2575 | -0.97 |
| LX03-2-32 | 1446 | 0.035170 | 0.001152 | 0.281744 | 0.000041 | -36.37 | -5.38 | 1.47 | 2124 | 2977 | 57 | 2525 | -0.97 |
| LX03-2-33 | 2700 | 0.018854 | 0.000506 | 0.281167 | 0.000021 | -56.77 | 3.03 | 0.75 | 2866 | 3082 | 28 | 2969 | -0.98 |
| LX03-2-34 | 2881 | 0.016397 | 0.000558 | 0.281054 | 0.000029 | -60.76 | 3.04 | 1.04 | 3022 | 3204 | 39 | 3109 | -0.98 |
| LX03-2-36 | 1907 | 0.002245 | 0.000061 | 0.281671 | 0.000016 | -38.95 | 3.54 | 0.57 | 2162 | 2501 | 22 | 2325 | -1.00 |
| LX03-2-37 | 1931 | 0.005363 | 0.000130 | 0.281573 | 0.000019 | -42.41 | 0.54 | 0.68 | 2297 | 2781 | 26 | 2530 | -1.00 |
| LX03-2-38 | 2514 | 0.016919 | 0.000537 | 0.281382 | 0.000027 | -49.15 | 6.39 | 0.97 | 2579 | 2664 | 37 | 2619 | -0.98 |
| LX03-2-39 | 2695 | 0.051772 | 0.001351 | 0.281136 | 0.000023 | -57.87 | 0.25 | 0.82 | 2973 | 3319 | 31 | 3135 | -0.96 |
| LX03-2-40 | 2507 | 0.019012 | 0.000581 | 0.281292 | 0.000017 | -52.33 | 2.95 | 0.62 | 2703 | 2958 | 23 | 2825 | -0.98 |
| LX03-2-41 | 2118 | 0.024488 | 0.000650 | 0.281410 | 0.000022 | -48.16 | -1.73 | 0.79 | 2549 | 3104 | 30 | 2813 | -0.98 |
| LX03-2-42 | 2183 | 0.041588 | 0.001010 | 0.281421 | 0.000023 | -47.78 | -0.44 | 0.82 | 2558 | 3034 | 32 | 2783 | -0.97 |
| LX03-2-43 | 1403 | 0.038547 | 0.001038 | 0.281799 | 0.000020 | -34.40 | -4.23 | 0.71 | 2040 | 2847 | 27 | 2421 | -0.97 |
| LX03-2-44 | 2703 | 0.020562 | 0.000581 | 0.281176 | 0.000020 | -56.45 | 3.28 | 0.70 | 2860 | 3063 | 27 | 2957 | -0.98 |
| LX03-2-45 | 2720 | 0.023118 | 0.000725 | 0.281110 | 0.000023 | -58.78 | 1.04 | 0.82 | 2959 | 3267 | 31 | 3105 | -0.98 |
| **LX07-1 (marble)** | | | | | | | | | | | | | |
| LX07-1-02 | 1117 | 0.037563 | 0.001247 | 0.282163 | 0.000041 | -21.53 | 2.28 | 1.45 | 1544 | 2080 | 57 | 1796 | -0.96 |
| LX07-1-04 | 2180 | 0.026198 | 0.000711 | 0.281533 | 0.000022 | -43.82 | 3.92 | 0.78 | 2386 | 2652 | 30 | 2513 | -0.98 |
| LX07-1-05 | 1057 | 0.095262 | 0.002642 | 0.282503 | 0.000028 | -9.51 | 12.05 | 1.00 | 1107 | 1166 | 41 | 1134 | -0.92 |
| LX07-1-06 | 1122 | 0.085067 | 0.002216 | 0.282449 | 0.000028 | -11.44 | 11.80 | 0.98 | 1173 | 1234 | 40 | 1201 | -0.93 |
| LX07-1-07 | 1163 | 0.054403 | 0.001392 | 0.282514 | 0.000025 | -9.12 | 15.60 | 0.88 | 1055 | 920 | 35 | 992 | -0.96 |
| LX07-1-10 | 1047 | 0.057122 | 0.001616 | 0.282095 | 0.000020 | -23.95 | -1.90 | 0.71 | 1656 | 2406 | 28 | 2005 | -0.95 |
| LX07-1-11 | 1037 | 0.047626 | 0.001247 | 0.282469 | 0.000024 | -10.73 | 11.38 | 0.84 | 1115 | 1213 | 33 | 1161 | -0.96 |
| LX07-1-12 | 1004 | 0.066976 | 0.001641 | 0.282457 | 0.000025 | -11.13 | 10.02 | 0.90 | 1143 | 1313 | 36 | 1222 | -0.95 |
| LX07-1-13 | 1884 | 0.005072 | 0.000143 | 0.281565 | 0.000018 | -42.67 | -0.83 | 0.64 | 2308 | 2869 | 24 | 2578 | -1.00 |
| LX07-1-14 | 1090 | 0.073026 | 0.001827 | 0.282515 | 0.000026 | -9.10 | 13.75 | 0.93 | 1066 | 1037 | 37 | 1053 | -0.94 |
| LX07-1-16 | 1035 | 0.082237 | 0.002271 | 0.282494 | 0.000033 | -9.83 | 11.55 | 1.18 | 1109 | 1197 | 48 | 1149 | -0.93 |
| LX07-1-17 | 1118 | 0.033116 | 0.000984 | 0.282195 | 0.000027 | -20.40 | 3.64 | 0.94 | 1489 | 1960 | 37 | 1711 | -0.97 |
| LX07-1-18 | 2095 | 0.008035 | 0.000222 | 0.281648 | 0.000018 | -39.74 | 6.81 | 0.64 | 2201 | 2341 | 24 | 2268 | -0.99 |
| LX07-1-19 | 1023 | 0.060579 | 0.001528 | 0.282476 | 0.000024 | -10.48 | 11.15 | 0.85 | 1113 | 1224 | 34 | 1165 | -0.95 |
| LX07-1-21 | 1037 | 0.047099 | 0.001263 | 0.282149 | 0.000022 | -22.04 | 0.04 | 0.78 | 1565 | 2227 | 31 | 1875 | -0.96 |
| LX07-1-23 | 1085 | 0.047777 | 0.001387 | 0.282396 | 0.000026 | -13.31 | 9.74 | 0.94 | 1222 | 1393 | 37 | 1302 | -0.96 |
| LX07-1-25 | 1007 | 0.063124 | 0.001565 | 0.282510 | 0.000024 | -9.25 | 12.00 | 0.86 | 1065 | 1136 | 35 | 1098 | -0.95 |
| LX07-1-27 | 1033 | 0.068889 | 0.001711 | 0.282425 | 0.000030 | -12.29 | 9.42 | 1.07 | 1192 | 1386 | 43 | 1282 | -0.95 |
| LX07-1-28 | 1049 | 0.055493 | 0.001432 | 0.282516 | 0.000026 | -9.07 | 13.17 | 0.90 | 1054 | 1060 | 36 | 1057 | -0.96 |
| LX07-1-29 | 1058 | 0.102854 | 0.002699 | 0.282558 | 0.000030 | -7.58 | 13.98 | 1.07 | 1029 | 994 | 45 | 1013 | -0.92 |
| LX07-1-30 | 1054 | 0.088140 | 0.002251 | 0.282489 | 0.000024 | -10.02 | 11.76 | 0.86 | 1116 | 1190 | 35 | 1150 | -0.93 |
| LX07-1-31 | 1025 | 0.048763 | 0.001321 | 0.282204 | 0.000023 | -20.10 | 1.68 | 0.81 | 1491 | 2073 | 32 | 1763 | -0.96 |
| LX07-1-32 | 1027 | 0.057204 | 0.001447 | 0.282509 | 0.000027 | -9.31 | 12.46 | 0.95 | 1064 | 1109 | 38 | 1085 | -0.96 |
| **LX03-4 (gneissic granite)** | | | | | | | | | | | | | |
| LX03-4-01 | 740 | 0.022229 | 0.000580 | 0.281737 | 0.000017 | -36.61 | -20.59 | 0.59 | 2101 | 3863 | 23 | 2940 | -0.98 |
| LX03-4-02 | 735 | 0.016018 | 0.000442 | 0.281708 | 0.000017 | -37.61 | -21.65 | 0.61 | 2132 | 3952 | 23 | 3002 | -0.99 |
| LX03-4-03 | 747 | 0.027166 | 0.000728 | 0.281699 | 0.000019 | -37.95 | -21.85 | 0.66 | 2161 | 3977 | 25 | 3023 | -0.98 |
| LX03-4-04 | 725 | 0.021599 | 0.000576 | 0.281728 | 0.000017 | -36.92 | -21.22 | 0.59 | 2113 | 3909 | 23 | 2968 | -0.98 |
| LX03-4-05 | 710 | 0.019074 | 0.000522 | 0.281706 | 0.000017 | -37.72 | -22.32 | 0.60 | 2141 | 3996 | 23 | 3026 | -0.98 |
| LX03-4-06 | 750 | 0.021285 | 0.000567 | 0.281726 | 0.000016 | -37.00 | -20.76 | 0.55 | 2116 | 3884 | 21 | 2958 | -0.98 |
| LX03-4-07 | 760 | 0.020268 | 0.000535 | 0.281725 | 0.000017 | -37.02 | -20.54 | 0.60 | 2115 | 3871 | 23 | 2952 | -0.98 |
| LX03-4-08 | 674 | 0.020667 | 0.000555 | 0.281736 | 0.000018 | -36.63 | -22.05 | 0.64 | 2101 | 3950 | 25 | 2982 | -0.98 |
| LX03-4-09 | 746 | 0.027101 | 0.000784 | 0.281710 | 0.000020 | -37.54 | -21.50 | 0.69 | 2149 | 3946 | 27 | 3001 | -0.98 |
| LX03-4-10 | 838 | 0.025748 | 0.000701 | 0.281710 | 0.000017 | -37.56 | -19.47 | 0.61 | 2144 | 3825 | 23 | 2943 | -0.98 |
| LX03-4-11 | 720 | 0.026562 | 0.000709 | 0.281749 | 0.000018 | -36.17 | -20.67 | 0.63 | 2092 | 3856 | 24 | 2929 | -0.98 |
| LX03-4-12 | 756 | 0.018588 | 0.000500 | 0.281721 | 0.000017 | -37.18 | -20.78 | 0.59 | 2119 | 3889 | 23 | 2963 | -0.98 |
| LX03-4-13 | 720 | 0.025085 | 0.000655 | 0.281743 | 0.000018 | -36.40 | -20.87 | 0.62 | 2097 | 3874 | 24 | 2942 | -0.98 |
| LX03-4-14 | 761 | 0.024347 | 0.000635 | 0.281680 | 0.000017 | -38.63 | -22.19 | 0.61 | 2182 | 4016 | 23 | 3055 | -0.98 |
| LX03-4-15 | 758 | 0.024043 | 0.000639 | 0.281770 | 0.000019 | -35.45 | -19.07 | 0.66 | 2060 | 3739 | 25 | 2858 | -0.98 |
| LX03-4-16 | 757 | 0.018145 | 0.000488 | 0.281740 | 0.000016 | -36.51 | -20.08 | 0.58 | 2092 | 3828 | 22 | 2921 | -0.99 |
| LX03-4-17 | 766 | 0.023225 | 0.000616 | 0.281751 | 0.000016 | -36.11 | -19.54 | 0.58 | 2084 | 3786 | 22 | 2894 | -0.98 |
| LX03-4-18 | 766 | 0.010184 | 0.000275 | 0.281720 | 0.000016 | -37.22 | -20.48 | 0.57 | 2108 | 3869 | 22 | 2953 | -0.99 |
| LX03-4-19 | 727 | 0.022345 | 0.000588 | 0.281734 | 0.000018 | -36.71 | -20.98 | 0.64 | 2106 | 3888 | 25 | 2955 | -0.98 |
| LX03-4-20 | 762 | 0.017673 | 0.000467 | 0.281731 | 0.000018 | -36.81 | -20.26 | 0.62 | 2103 | 3847 | 24 | 2936 | -0.99 |
| LX03-4-21 | 761 | 0.008930 | 0.000272 | 0.281743 | 0.000027 | -36.40 | -19.77 | 0.97 | 2077 | 3803 | 37 | 2905 | -0.99 |
| LX03-4-22 | 857 | 0.016387 | 0.000450 | 0.281739 | 0.000016 | -36.52 | -17.87 | 0.58 | 2091 | 3697 | 22 | 2858 | -0.99 |
| LX03-4-23 | 771 | 0.027086 | 0.000720 | 0.281740 | 0.000019 | -36.50 | -19.89 | 0.67 | 2105 | 3819 | 26 | 2919 | -0.98 |
| LX03-4-24 | 768 | 0.015639 | 0.000422 | 0.281776 | 0.000019 | -35.23 | -18.52 | 0.68 | 2040 | 3697 | 26 | 2832 | -0.99 |
| LX03-4-25 | 792 | 0.023177 | 0.000598 | 0.281703 | 0.000015 | -37.81 | -20.67 | 0.52 | 2149 | 3902 | 20 | 2984 | -0.98 |
| LX03-4-26 | 736 | 0.018125 | 0.000488 | 0.281727 | 0.000019 | -36.94 | -20.97 | 0.66 | 2109 | 3893 | 25 | 2961 | -0.99 |
| LX03-4-27 | 791 | 0.026627 | 0.000717 | 0.281792 | 0.000019 | -34.66 | -17.61 | 0.67 | 2033 | 3631 | 26 | 2792 | -0.98 |
| LX03-4-28 | 741 | 0.019053 | 0.000504 | 0.281737 | 0.000016 | -36.62 | -20.55 | 0.56 | 2097 | 3859 | 21 | 2938 | -0.98 |
| LX03-4-29 | 747 | 0.020094 | 0.000522 | 0.281709 | 0.000018 | -37.59 | -21.39 | 0.64 | 2136 | 3937 | 24 | 2995 | -0.98 |
| LX03-4-30 | 736 | 0.033819 | 0.000876 | 0.281738 | 0.000017 | -36.57 | -20.79 | 0.60 | 2116 | 3877 | 23 | 2949 | -0.97 |
| **LX04-1 (meta-diorite)** | | | | | | | | | | | | | |
| LX04-1-01 | 722 | 0.016801 | 0.000668 | 0.282590 | 0.000038 | -6.45 | 9.17 | 1.33 | 929 | 1197 | 52 | 1057 | -0.98 |
| LX04-1-02 | 737 | 0.018201 | 0.000613 | 0.282577 | 0.000029 | -6.91 | 9.07 | 1.02 | 946 | 1216 | 40 | 1075 | -0.98 |
| LX04-1-08 | 744 | 0.015014 | 0.000628 | 0.282650 | 0.000027 | -4.30 | 11.82 | 0.97 | 844 | 972 | 38 | 905 | -0.98 |
| LX04-1-27 | 765 | 0.021893 | 0.000663 | 0.282411 | 0.000023 | -12.76 | 3.79 | 0.80 | 1177 | 1709 | 32 | 1430 | -0.98 |
| LX04-1-19 | 765 | 0.044206 | 0.001787 | 0.282429 | 0.000052 | -12.13 | 3.86 | 1.83 | 1188 | 1704 | 74 | 1426 | -0.95 |
| LX04-1-17 | 766 | 0.021255 | 0.000787 | 0.282526 | 0.000032 | -8.69 | 7.84 | 1.13 | 1021 | 1347 | 45 | 1175 | -0.98 |
| LX04-1-30 | 769 | 0.018099 | 0.000807 | 0.282625 | 0.000055 | -5.18 | 11.41 | 1.93 | 883 | 1028 | 77 | 951 | -0.98 |
| LX04-1-14 | 772 | 0.022079 | 0.000949 | 0.282632 | 0.000127 | -4.95 | 11.63 | 4.50 | 877 | 1009 | 179 | 939 | -0.97 |
| LX04-1-26 | 773 | 0.023597 | 0.001091 | 0.282651 | 0.000037 | -4.29 | 12.24 | 1.30 | 853 | 955 | 52 | 901 | -0.97 |
| LX04-1-06 | 779 | 0.016296 | 0.000688 | 0.282695 | 0.000029 | -2.71 | 14.15 | 1.03 | 782 | 787 | 41 | 784 | -0.98 |
| LX04-1-28 | 780 | 0.021760 | 0.000881 | 0.282764 | 0.000031 | -0.28 | 16.51 | 1.09 | 689 | 574 | 44 | 635 | -0.97 |
| LX04-1-22 | 785 | 0.031157 | 0.001394 | 0.282696 | 0.000082 | -2.69 | 13.95 | 2.92 | 796 | 809 | 118 | 802 | -0.96 |
| LX04-1-23 | 802 | 0.036397 | 0.001448 | 0.282659 | 0.000021 | -3.99 | 12.96 | 0.76 | 850 | 909 | 31 | 877 | -0.96 |
| LX04-1-11 | 807 | 0.035998 | 0.001556 | 0.282527 | 0.000088 | -8.67 | 8.34 | 3.13 | 1041 | 1330 | 126 | 1175 | -0.95 |
| LX04-1-21 | 820 | 0.017494 | 0.000730 | 0.282597 | 0.000029 | -6.20 | 11.55 | 1.02 | 921 | 1050 | 40 | 982 | -0.98 |
| LX04-1-16 | 838 | 0.030223 | 0.001110 | 0.282428 | 0.000036 | -12.18 | 5.73 | 1.28 | 1168 | 1585 | 51 | 1364 | -0.97 |
| LX04-1-24 | 1830 | 0.016175 | 0.000658 | 0.281924 | 0.000033 | -29.98 | 10.07 | 1.16 | 1849 | 1873 | 45 | 1861 | -0.98 |
| LX04-1-20 | 1832 | 0.003986 | 0.000112 | 0.281540 | 0.000023 | -43.56 | -2.85 | 0.82 | 2340 | 3011 | 31 | 2663 | -1.00 |
| LX04-1-09 | 1840 | 0.019614 | 0.000706 | 0.281595 | 0.000018 | -41.61 | -1.45 | 0.63 | 2301 | 2894 | 24 | 2583 | -0.98 |
| LX04-1-25 | 1845 | 0.017887 | 0.000585 | 0.281634 | 0.000022 | -40.23 | 0.18 | 0.77 | 2241 | 2754 | 29 | 2485 | -0.98 |
| LX04-1-05 | 1858 | 0.011480 | 0.000406 | 0.281699 | 0.000028 | -37.95 | 3.01 | 0.99 | 2143 | 2515 | 38 | 2321 | -0.99 |
| LX04-1-13 | 1864 | 0.017164 | 0.000451 | 0.281445 | 0.000018 | -46.92 | -5.93 | 0.64 | 2488 | 3301 | 24 | 2877 | -0.99 |
| LX04-1-29 | 1920 | 0.015398 | 0.000512 | 0.281437 | 0.000029 | -47.20 | -5.04 | 1.04 | 2503 | 3261 | 40 | 2864 | -0.98 |
| LX04-1-03 | 1945 | 0.020511 | 0.000630 | 0.281694 | 0.000019 | -38.13 | 4.48 | 0.68 | 2163 | 2444 | 26 | 2296 | -0.98 |
| LX04-1-07 | 1963 | 0.033827 | 0.000975 | 0.281601 | 0.000021 | -41.40 | 1.13 | 0.75 | 2309 | 2749 | 29 | 2517 | -0.97 |
| LX04-1-18 | 2038 | 0.023545 | 0.000745 | 0.281638 | 0.000021 | -40.10 | 4.43 | 0.75 | 2245 | 2511 | 29 | 2371 | -0.98 |
| LX04-1-15 | 2077 | 0.027379 | 0.000862 | 0.281556 | 0.000024 | -43.00 | 2.24 | 0.85 | 2364 | 2730 | 33 | 2537 | -0.97 |
| LX04-1-04 | 2199 | 0.010837 | 0.000368 | 0.281565 | 0.000025 | -42.70 | 6.00 | 0.90 | 2323 | 2484 | 34 | 2400 | -0.99 |
| LX04-1-12 | 2724 | 0.032152 | 0.000795 | 0.281167 | 0.000023 | -56.75 | 3.06 | 0.81 | 2887 | 3096 | 31 | 2986 | -0.98 |
| LX04-1-10 | 3056 | 0.016484 | 0.000466 | 0.280932 | 0.000021 | -65.07 | 2.92 | 0.75 | 3177 | 3334 | 28 | 3252 | -0.99 |