

*[Tectonics]*

Supporting Information for

**[Structural styles of ancient continent-continent collisional orogens: a case study in the Qianlishan Complex of the Khondalite Belt, North China]**

[Changqing Yin1, \*, Hengzhong Qiao1, 2, \*, Shoufa Lin2, Jian Zhang1, Changcheng Li2, Jiahui Qian1, and Shangjing Wu1]

[1School of Earth Sciences and Engineering, Sun Yat-sen University, Guangzhou, 510275, PR China.

2Department of Earth and Environmental Sciences, University of Waterloo, Waterloo, N2L 3G1, Canada.]

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Table S1

**Introduction**

This supporting information provides the Table S1 as seen in the main article. Table S1 shows analytical data of secondary ion mass spectrometry (SIMS) U-Pb zircon dating on six deformation-related leucocratic dykes in the Qianlishan Complex.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S1** *SIMS U-Th-Pb data of zircons from deformation-related leucocratic dykes in the Qianlishan Complex* | | | | | | | | | | | | | | | | | | |
| **Sample** | **Type**1 | **U** | **Th** | **Th/U** | **f2062** | **207Pb/206Pb** | **±σ** | **207Pb/235U** | **±σ** | **206Pb/238U** | **±σ** | **Disc.**3 | **Age (Ma)** | | | | | |
| **spot** |  | **(ppm)** | **(ppm)** |  | **%** |  | **%** |  | **%** |  | **%** | **%** | **207Pb/206Pb** | **±σ** | **207Pb/235U** | **±σ** | **206Pb/238U** | **±σ** |
| **QL01-5 (Leucogranitic dyke)** | | | | | | | | | | | | | | | | | | |
| 1 | b | 994 | 621 | 0.62 | 0.01 | 0.18394 | 0.22 | 12.72652 | 1.52 | 0.5018 | 1.50 | -3.0 | 2688.8 | 3.6 | 2659.6 | 14.4 | 2621.5 | 32.4 |
| 2 | b | 179 | 121 | 0.68 | 0.21 | 0.12278 | 0.37 | 4.65047 | 1.55 | 0.2747 | 1.50 | -24.3 | 1997.0 | 6.5 | 1758.4 | 13.0 | 1564.7 | 20.9 |
| 3 | a | 690 | 324 | 0.47 | 0.68 | 0.12004 | 0.65 | 2.25670 | 1.70 | 0.1363 | 1.57 | -61.6 | 1956.8 | 11.6 | 1198.9 | 12.1 | 824.0 | 12.2 |
| 4 | a | 223 | 211 | 0.95 | 0.22 | 0.12116 | 0.46 | 4.69640 | 1.59 | 0.2811 | 1.53 | -21.5 | 1973.4 | 8.1 | 1766.6 | 13.4 | 1597.1 | 21.6 |
| 5 | a | 559 | 163 | 0.29 | 0.53 | 0.11435 | 0.26 | 4.02408 | 1.53 | 0.2552 | 1.51 | -24.1 | 1869.7 | 4.6 | 1639.1 | 12.5 | 1465.4 | 19.8 |
| 6 | a | 671 | 585 | 0.87 | 0.86 | 0.11222 | 0.28 | 3.53006 | 1.55 | 0.2281 | 1.53 | -30.8 | 1835.8 | 5.0 | 1534.0 | 12.4 | 1324.7 | 18.3 |
| 7 | b | 418 | 131 | 0.31 | 0.45 | 0.12511 | 0.43 | 4.95322 | 1.58 | 0.2871 | 1.53 | -22.4 | 2030.3 | 7.6 | 1811.4 | 13.5 | 1627.3 | 22.0 |
| 8 | a | 239 | 214 | 0.90 | 0.04 | 0.12090 | 0.43 | 4.68868 | 1.61 | 0.2813 | 1.55 | -21.3 | 1969.5 | 7.7 | 1765.2 | 13.5 | 1597.8 | 21.9 |
| 9 | b | 292 | 197 | 0.67 | 0.04 | 0.12682 | 0.34 | 6.67791 | 1.55 | 0.3819 | 1.51 | 1.8 | 2054.3 | 6.0 | 2069.7 | 13.8 | 2085.2 | 27.0 |
| 10 | b | 374 | 80 | 0.21 | 0.02 | 0.12285 | 0.23 | 6.81104 | 1.70 | 0.4021 | 1.68 | 10.7 | 1998.0 | 4.2 | 2087.2 | 15.2 | 2178.7 | 31.2 |
| 11 | b | 109 | 96 | 0.88 | 0.01 | 0.12789 | 0.38 | 6.65862 | 1.55 | 0.3776 | 1.50 | -0.2 | 2069.2 | 6.7 | 2067.1 | 13.8 | 2065.1 | 26.6 |
| 12 | a | 437 | 273 | 0.62 | 0.66 | 0.11868 | 0.33 | 3.19802 | 1.97 | 0.1954 | 1.94 | -44.2 | 1936.5 | 5.9 | 1456.7 | 15.3 | 1150.7 | 20.5 |
| 13 | a | 712 | 367 | 0.52 | 0.90 | 0.11657 | 0.40 | 4.87136 | 1.62 | 0.3031 | 1.57 | -11.8 | 1904.3 | 7.2 | 1797.3 | 13.7 | 1706.6 | 23.5 |
| 14 | a | 250 | 76 | 0.30 | 0.05 | 0.12143 | 0.20 | 5.88951 | 1.53 | 0.3518 | 1.52 | -2.0 | 1977.3 | 3.5 | 1959.7 | 13.4 | 1943.1 | 25.5 |
| 15 | b | 98 | 65 | 0.66 | 0.00 | 0.16014 | 0.85 | 10.19342 | 1.76 | 0.4617 | 1.54 | -0.5 | 2457.1 | 14.4 | 2452.5 | 16.4 | 2446.9 | 31.5 |
| 16 | b | 199 | 159 | 0.80 | 0.12 | 0.15404 | 0.59 | 8.93764 | 1.62 | 0.4208 | 1.51 | -6.3 | 2391.3 | 10.0 | 2331.7 | 14.9 | 2264.1 | 28.9 |
| 17 | b | 185 | 84 | 0.45 | 0.07 | 0.12921 | 1.27 | 7.25858 | 2.30 | 0.4074 | 1.92 | 6.6 | 2087.2 | 22.1 | 2143.7 | 20.8 | 2203.2 | 36.0 |
| 18 | b | 132 | 29 | 0.22 | 0.00 | 0.12866 | 0.70 | 6.52190 | 1.67 | 0.3677 | 1.51 | -3.4 | 2079.7 | 12.3 | 2048.9 | 14.8 | 2018.4 | 26.3 |
| 19 | a | 332 | 99 | 0.30 | 0.65 | 0.11770 | 0.41 | 3.41278 | 1.85 | 0.2103 | 1.81 | -39.4 | 1921.5 | 7.3 | 1507.3 | 14.7 | 1230.4 | 20.3 |
| 20 | b | 59 | 28 | 0.47 | 0.09 | 0.12279 | 0.56 | 5.69474 | 3.57 | 0.3364 | 3.52 | -7.4 | 1997.1 | 9.9 | 1930.6 | 31.3 | 1869.2 | 57.4 |
| 21 | b | 119 | 81 | 0.68 | 0.25 | 0.12667 | 0.32 | 5.44535 | 1.53 | 0.3118 | 1.50 | -16.8 | 2052.2 | 5.6 | 1892.0 | 13.2 | 1749.5 | 23.0 |
| 22 | a | 791 | 1006 | 1.27 | 2.08 | 0.09959 | 0.37 | 2.00090 | 1.82 | 0.1457 | 1.78 | -48.9 | 1616.5 | 6.8 | 1115.8 | 12.4 | 876.9 | 14.6 |
| 23 | b | 78 | 51 | 0.66 | 0.17 | 0.13570 | 0.53 | 6.70856 | 1.59 | 0.3586 | 1.50 | -10.6 | 2173.0 | 9.2 | 2073.7 | 14.2 | 1975.3 | 25.6 |
| 24 | a | 370 | 273 | 0.74 | 1.13 | 0.11110 | 0.26 | 3.60023 | 1.56 | 0.2350 | 1.54 | -27.8 | 1817.5 | 4.7 | 1549.6 | 12.5 | 1360.8 | 19.0 |
| 25 | a | 355 | 545 | 1.53 | 3.26 | 0.11621 | 0.63 | 1.78419 | 1.64 | 0.1114 | 1.52 | -67.5 | 1898.7 | 11.3 | 1039.7 | 10.7 | 680.6 | 9.8 |
| **QL32-1 (Garnet-sillimanite-bearing leucocratic dyke)** | | | | | | | | | | | | | | | | | | |
| 1 | a | 678 | 761 | 1.12 | 1.46 | 0.10725 | 0.47 | 3.14922 | 1.57 | 0.2130 | 1.50 | -31.9 | 1753.2 | 8.6 | 1444.8 | 12.2 | 1244.6 | 17.0 |
| 2 | a | 404 | 166 | 0.41 | 1.20 | 0.11871 | 0.38 | 4.80650 | 2.44 | 0.2937 | 2.42 | -16.2 | 1936.9 | 6.7 | 1786.0 | 20.8 | 1659.8 | 35.4 |
| 3 | a | 276 | 420 | 1.52 | 0.10 | 0.11701 | 0.31 | 5.11629 | 1.55 | 0.3171 | 1.52 | -8.1 | 1911.0 | 5.5 | 1838.8 | 13.3 | 1775.7 | 23.6 |
| 4 | a | 1738 | 1756 | 1.01 | 2.92 | 0.10118 | 1.85 | 2.60405 | 2.38 | 0.1867 | 1.50 | -35.8 | 1645.9 | 33.9 | 1301.8 | 17.6 | 1103.2 | 15.2 |
| 5 | a | 734 | 1258 | 1.71 | 3.58 | 0.09831 | 1.49 | 2.18570 | 2.13 | 0.1612 | 1.53 | -42.5 | 1592.4 | 27.5 | 1176.5 | 15.0 | 963.7 | 13.7 |
| 6 | a | 1449 | 2257 | 1.56 | 9.08 | 0.08905 | 2.91 | 1.50898 | 3.79 | 0.1229 | 2.42 | -49.5 | 1405.3 | 54.8 | 934.0 | 23.4 | 747.2 | 17.1 |
| 7 | a | 117 | 394 | 3.38 | 0.01 | 0.11722 | 0.37 | 5.34985 | 1.59 | 0.3310 | 1.54 | -4.3 | 1914.3 | 6.7 | 1876.9 | 13.7 | 1843.2 | 24.8 |
| 8 | a | 97 | 318 | 3.26 | 0.57 | 0.11856 | 0.53 | 4.92878 | 1.60 | 0.3015 | 1.51 | -13.9 | 1934.6 | 9.4 | 1807.2 | 13.6 | 1698.8 | 22.5 |
| 9 | a | 61 | 151 | 2.48 | 0.03 | 0.11774 | 0.59 | 5.53264 | 1.63 | 0.3408 | 1.51 | -1.9 | 1922.3 | 10.6 | 1905.7 | 14.1 | 1890.5 | 24.8 |
| 10 | a | 111 | 152 | 1.37 | 0.01 | 0.11707 | 0.38 | 5.65518 | 1.58 | 0.3503 | 1.53 | 1.5 | 1912.0 | 6.8 | 1924.6 | 13.7 | 1936.2 | 25.7 |
| 11 | a | 58 | 199 | 3.41 | 0.01 | 0.11763 | 0.53 | 5.74862 | 1.59 | 0.3544 | 1.50 | 2.1 | 1920.5 | 9.4 | 1938.7 | 13.9 | 1955.8 | 25.4 |
| 12 | a | 746 | 1215 | 1.63 | 6.10 | 0.09579 | 7.41 | 2.31304 | 7.56 | 0.1751 | 1.51 | -35.3 | 1543.7 | 133.1 | 1216.3 | 55.1 | 1040.3 | 14.5 |
| **QL24-1 (Muscovite-bearing leucocratic dyke)** | | | | | | | | | | | | | | | | | | |
| 1 | a | 1894 | 147 | 0.08 | 0.66 | 0.11188 | 0.32 | 3.20633 | 1.54 | 0.2079 | 1.50 | -36.7 | 1830.2 | 5.8 | 1458.7 | 12.0 | 1217.4 | 16.7 |
| 2 | a | 3788 | 411 | 0.11 | 1.68 | 0.10025 | 0.87 | 1.98672 | 1.73 | 0.1437 | 1.50 | -50.0 | 1628.8 | 16.1 | 1111.0 | 11.8 | 865.7 | 12.2 |
| 3 | a | 3771 | 488 | 0.13 | 1.51 | 0.10144 | 0.74 | 1.75671 | 1.74 | 0.1256 | 1.58 | -57.0 | 1650.6 | 13.6 | 1029.6 | 11.3 | 762.7 | 11.4 |
| 4 | a | 6533 | 972 | 0.15 | 0.86 | 0.09019 | 0.24 | 0.95125 | 1.52 | 0.0765 | 1.51 | -69.2 | 1429.6 | 4.5 | 678.8 | 7.6 | 475.2 | 6.9 |
| 5 | b | 399 | 159 | 0.40 | 0.60 | 0.12139 | 0.33 | 4.45663 | 1.58 | 0.2663 | 1.55 | -25.8 | 1976.8 | 5.8 | 1722.9 | 13.2 | 1521.8 | 21.0 |
| 6 | a | 3245 | 194 | 0.06 | 3.61 | 0.08238 | 9.07 | 1.13916 | 9.32 | 0.1003 | 2.11 | -53.3 | 1254.5 | 167.9 | 772.1 | 51.7 | 616.1 | 12.4 |
| 7 | b | 164 | 77 | 0.47 | 0.06 | 0.12451 | 0.30 | 6.45204 | 1.57 | 0.3758 | 1.54 | 2.0 | 2021.8 | 5.3 | 2039.4 | 13.9 | 2056.8 | 27.1 |
| 8 | a | 2276 | 201 | 0.09 | 0.08 | 0.11157 | 0.19 | 3.75428 | 1.51 | 0.2440 | 1.50 | -25.4 | 1825.2 | 3.5 | 1583.0 | 12.2 | 1407.7 | 19.0 |
| 9 | b | 243 | 197 | 0.81 | 0.00 | 0.12696 | 0.25 | 6.56275 | 1.54 | 0.3749 | 1.52 | -0.2 | 2056.3 | 4.4 | 2054.4 | 13.7 | 2052.4 | 26.8 |
| 10 | a | 420 | 73 | 0.17 | 0.21 | 0.11744 | 0.26 | 5.14492 | 1.54 | 0.3177 | 1.51 | -8.3 | 1917.7 | 4.7 | 1843.6 | 13.1 | 1778.6 | 23.6 |
| 11 | a | 3163 | 381 | 0.12 | 0.58 | 0.11495 | 0.13 | 3.72752 | 1.51 | 0.2352 | 1.50 | -30.5 | 1879.1 | 2.4 | 1577.3 | 12.1 | 1361.6 | 18.4 |
| 12 | a | 1181 | 85 | 0.07 | 0.42 | 0.11328 | 0.54 | 3.82769 | 2.96 | 0.2451 | 2.91 | -26.4 | 1852.7 | 9.8 | 1598.6 | 24.1 | 1413.0 | 37.0 |
| 13 | b | 89 | 31 | 0.35 | 0.03 | 0.12879 | 0.45 | 6.76199 | 1.65 | 0.3808 | 1.58 | -0.1 | 2081.6 | 7.8 | 2080.8 | 14.7 | 2079.9 | 28.2 |
| 14 | b | 280 | 106 | 0.38 | 0.13 | 0.12712 | 0.21 | 6.58250 | 1.58 | 0.3756 | 1.56 | -0.2 | 2058.5 | 3.8 | 2057.0 | 14.0 | 2055.6 | 27.5 |
| 15 | b | 229 | 43 | 0.19 | 0.71 | 0.12806 | 1.49 | 2.47057 | 3.33 | 0.1399 | 2.98 | -63.1 | 2071.6 | 26.0 | 1263.5 | 24.4 | 844.2 | 23.6 |
| 16 | a | 978 | 74 | 0.08 | 0.16 | 0.11601 | 0.37 | 4.49689 | 2.83 | 0.2811 | 2.80 | -17.8 | 1895.6 | 6.7 | 1730.4 | 23.8 | 1597.1 | 39.8 |
| 17 | a | 268 | 63 | 0.24 | 30.44 | 0.11292 | 5.82 | 2.23873 | 6.01 | 0.1438 | 1.50 | -56.7 | 1847.0 | 101.7 | 1193.3 | 43.1 | 866.0 | 12.2 |
| 18 | a | 3862 | 224 | 0.06 | 18.00 | 0.08928 | 7.80 | 1.18490 | 7.99 | 0.0963 | 1.74 | -60.6 | 1410.1 | 142.3 | 793.6 | 45.0 | 592.5 | 9.9 |
| **QL08-2 (Muscovite-bearing leucogranitic dyke)** | | | | | | | | | | | | | | | | | | |
| 1 | c | 119 | 46 | 0.39 | 2.38 | 0.11889 | 2.67 | 5.56386 | 3.06 | 0.3394 | 1.50 | -3.3 | 1939.5 | 47.0 | 1910.5 | 26.7 | 1883.9 | 24.6 |
| 2 | a | 1981 | 19 | 0.01 | 5.38 | 0.11223 | 0.74 | 3.47263 | 1.90 | 0.2244 | 1.75 | -31.9 | 1835.8 | 13.3 | 1521.0 | 15.1 | 1305.2 | 20.7 |
| 3 | c | 2028 | 125 | 0.06 | 1.32 | 0.12039 | 0.52 | 5.09618 | 1.62 | 0.3070 | 1.53 | -13.7 | 1962.1 | 9.2 | 1835.5 | 13.8 | 1725.9 | 23.2 |
| 4 | b | 2677 | 29 | 0.01 | 0.39 | 0.12151 | 0.17 | 5.49763 | 1.55 | 0.3281 | 1.54 | -8.7 | 1978.5 | 3.0 | 1900.2 | 13.4 | 1829.4 | 24.5 |
| 5 | a | 2566 | 30 | 0.01 | 0.65 | 0.11308 | 0.27 | 4.08703 | 1.54 | 0.2621 | 1.52 | -21.1 | 1849.5 | 4.9 | 1651.7 | 12.6 | 1500.8 | 20.3 |
| 6 | c | 3665 | 51 | 0.01 | 1.53 | 0.11914 | 0.30 | 5.17223 | 1.61 | 0.3149 | 1.58 | -10.5 | 1943.3 | 5.4 | 1848.1 | 13.8 | 1764.6 | 24.4 |
| 7 | b | 1799 | 12 | 0.01 | 0.70 | 0.12769 | 0.11 | 8.60048 | 1.52 | 0.4885 | 1.52 | 29.3 | 2066.4 | 1.9 | 2296.6 | 13.9 | 2564.2 | 32.2 |
| 8 | b | 1798 | 13 | 0.01 | 0.97 | 0.12374 | 0.27 | 6.53704 | 2.00 | 0.3831 | 1.99 | 4.7 | 2010.9 | 4.8 | 2050.9 | 17.8 | 2091.0 | 35.5 |
| 9 | a | 2029 | 54 | 0.03 | 3.36 | 0.10361 | 1.02 | 2.41648 | 1.89 | 0.1692 | 1.59 | -43.6 | 1689.7 | 18.8 | 1247.5 | 13.6 | 1007.5 | 14.8 |
| 10 | a | 1647 | 21 | 0.01 | 0.11 | 0.11473 | 0.16 | 4.98239 | 1.51 | 0.3150 | 1.51 | -6.7 | 1875.6 | 2.9 | 1816.3 | 12.9 | 1765.1 | 23.3 |
| 11 | a | 2895 | 51 | 0.02 | 2.02 | 0.11559 | 0.65 | 4.67365 | 1.70 | 0.2932 | 1.57 | -13.9 | 1889.1 | 11.6 | 1762.5 | 14.3 | 1657.7 | 23.0 |
| 12 | a | 3104 | 13 | 0.00 | 0.39 | 0.11561 | 0.31 | 4.57018 | 1.57 | 0.2867 | 1.54 | -15.8 | 1889.4 | 5.6 | 1743.8 | 13.2 | 1625.1 | 22.2 |
| 13 | a | 5095 | 86 | 0.02 | 2.22 | 0.11463 | 0.16 | 3.75583 | 1.52 | 0.2376 | 1.51 | -29.6 | 1874.0 | 2.8 | 1583.4 | 12.3 | 1374.4 | 18.8 |
| 14 | a | 4426 | 56 | 0.01 | 2.24 | 0.11342 | 1.69 | 4.11959 | 2.45 | 0.2634 | 1.77 | -21.0 | 1855.0 | 30.3 | 1658.2 | 20.2 | 1507.3 | 23.8 |
| 15 | b | 2834 | 45 | 0.02 | 6.71 | 0.12936 | 2.90 | 6.32832 | 4.88 | 0.3548 | 3.92 | -7.3 | 2089.4 | 50.1 | 2022.4 | 43.7 | 1957.4 | 66.5 |
| 16 | b | 2620 | 37 | 0.01 | 0.13 | 0.12128 | 0.34 | 6.54953 | 2.40 | 0.3917 | 2.37 | 9.2 | 1975.1 | 6.1 | 2052.6 | 21.3 | 2130.6 | 43.2 |
| 17 | a | 3000 | 53 | 0.02 | 1.63 | 0.11617 | 0.33 | 4.79341 | 1.54 | 0.2993 | 1.50 | -12.6 | 1898.1 | 5.8 | 1783.7 | 13.0 | 1687.6 | 22.3 |
| 18 | a | 1985 | 18 | 0.01 | 2.85 | 0.11079 | 0.54 | 3.51100 | 1.79 | 0.2298 | 1.70 | -29.2 | 1812.4 | 9.8 | 1529.7 | 14.2 | 1333.7 | 20.5 |
| 19 | a | 2239 | 16 | 0.01 | 2.47 | 0.11503 | 0.59 | 4.53202 | 1.61 | 0.2857 | 1.50 | -15.6 | 1880.3 | 10.5 | 1736.9 | 13.5 | 1620.2 | 21.6 |
| 20 | b | 1597 | 19 | 0.01 | 0.37 | 0.12435 | 0.16 | 6.91230 | 1.51 | 0.4031 | 1.50 | 9.6 | 2019.6 | 2.8 | 2100.2 | 13.5 | 2183.5 | 27.9 |
| 21 | a | 4876 | 110 | 0.02 | 3.52 | 0.11537 | 1.80 | 3.49235 | 2.40 | 0.2195 | 1.60 | -35.4 | 1885.7 | 32.0 | 1525.5 | 19.1 | 1279.5 | 18.5 |
| 22 | a | 2056 | 7 | 0.00 | 3.98 | 0.11260 | 1.63 | 4.13948 | 2.44 | 0.2666 | 1.82 | -19.4 | 1841.8 | 29.2 | 1662.1 | 20.2 | 1523.7 | 24.7 |
| 23 | a | 4498 | 62 | 0.01 | 4.25 | 0.10890 | 1.23 | 2.60404 | 2.24 | 0.1734 | 1.88 | -45.5 | 1781.1 | 22.2 | 1301.8 | 16.6 | 1031.0 | 17.9 |
| **QL27-1 (Pegmatite dyke)** | | | | | | | | | | | | | | | | | | |
| 1 | a | 1303 | 28 | 0.02 | 0.69 | 0.12601 | 1.13 | 9.19142 | 1.89 | 0.5290 | 1.51 | 41.9 | 2043.1 | 19.9 | 2357.3 | 17.5 | 2737.3 | 33.8 |
| 2 | a | 1584 | 27 | 0.02 | 5.83 | 0.09212 | 2.34 | 2.81249 | 3.04 | 0.2214 | 1.95 | -13.5 | 1469.8 | 43.8 | 1358.9 | 23.1 | 1289.5 | 22.8 |
| 3 | a | 1389 | 25 | 0.02 | 0.78 | 0.12299 | 0.52 | 9.57905 | 1.85 | 0.5649 | 1.77 | 55.3 | 2000.1 | 9.3 | 2395.2 | 17.1 | 2886.7 | 41.3 |
| 4 | b | 220 | 170 | 0.77 | 0.24 | 0.12708 | 0.27 | 5.66201 | 1.64 | 0.3231 | 1.62 | -14.1 | 2058.0 | 4.7 | 1925.6 | 14.3 | 1805.1 | 25.6 |
| 5 | b | 398 | 95 | 0.24 | 0.62 | 0.12241 | 0.33 | 5.06258 | 1.54 | 0.3000 | 1.50 | -17.1 | 1991.6 | 5.8 | 1829.9 | 13.1 | 1691.1 | 22.4 |
| 6 | b | 58 | 28 | 0.48 | 0.08 | 0.12617 | 0.60 | 6.30954 | 1.66 | 0.3627 | 1.55 | -2.9 | 2045.3 | 10.6 | 2019.8 | 14.7 | 1994.9 | 26.7 |
| 7 | b | 154 | 102 | 0.67 | 0.01 | 0.12133 | 0.30 | 6.00430 | 1.54 | 0.3589 | 1.51 | 0.1 | 1975.9 | 5.3 | 1976.5 | 13.5 | 1977.0 | 25.7 |
| 8 | b | 154 | 71 | 0.46 | 0.61 | 0.12478 | 0.82 | 5.83860 | 1.72 | 0.3394 | 1.51 | -8.1 | 2025.7 | 14.5 | 1952.2 | 15.0 | 1883.6 | 24.7 |
| 9 | a | 1200 | 19 | 0.02 | 0.55 | 0.12615 | 0.72 | 12.39499 | 1.79 | 0.7126 | 1.64 | 90.9 | 2044.9 | 12.7 | 2634.8 | 17.0 | 3468.4 | 44.1 |
| 10 | a | 2123 | 36 | 0.02 | 1.53 | 0.11593 | 0.56 | 5.77597 | 1.60 | 0.3614 | 1.50 | 5.8 | 1894.4 | 10.0 | 1942.8 | 14.0 | 1988.6 | 25.7 |
| 11 | a | 1218 | 19 | 0.02 | 0.54 | 0.12874 | 1.16 | 10.78600 | 1.98 | 0.6076 | 1.61 | 59.5 | 2080.8 | 20.3 | 2504.9 | 18.6 | 3060.5 | 39.3 |
| 12 | a | 1503 | 25 | 0.02 | 0.61 | 0.12904 | 0.81 | 12.70537 | 1.90 | 0.7141 | 1.72 | 87.0 | 2085.0 | 14.2 | 2658.1 | 18.0 | 3473.9 | 46.2 |
| 13 | a | 2690 | 111 | 0.04 | 0.77 | 0.09384 | 0.24 | 2.35101 | 1.52 | 0.1817 | 1.50 | -30.9 | 1504.9 | 4.6 | 1227.9 | 10.9 | 1076.3 | 14.9 |
| 14 | a | 177 | 36 | 0.20 | 0.00 | 0.11248 | 4.34 | 4.71499 | 5.36 | 0.3040 | 3.16 | -8.0 | 1839.9 | 76.5 | 1769.9 | 46.0 | 1711.2 | 47.6 |
| 15 | a | 1022 | 35 | 0.03 | 1.87 | 0.10948 | 3.80 | 3.06462 | 8.87 | 0.2030 | 8.01 | -36.6 | 1790.8 | 67.7 | 1423.9 | 70.2 | 1191.5 | 87.7 |
| 16 | b | 79 | 17 | 0.21 | 0.02 | 0.13146 | 0.73 | 7.00567 | 1.67 | 0.3865 | 1.50 | -0.6 | 2117.5 | 12.7 | 2112.1 | 14.9 | 2106.6 | 27.0 |
| 17 | b | 62 | 7 | 0.11 | 0.02 | 0.12703 | 2.23 | 19.79332 | 2.77 | 1.1301 | 1.65 | 200.6 | 2057.2 | 38.9 | 3081.3 | 27.2 | 4874.6 | 56.5 |
| 18 | a | 395 | 1 | 0.00 | 2.94 | 0.11224 | 1.15 | 5.08151 | 1.92 | 0.3284 | 1.54 | -0.4 | 1836.0 | 20.7 | 1833.0 | 16.4 | 1830.4 | 24.5 |
| 19 | b | 65 | 25 | 0.38 | 0.06 | 0.12395 | 0.73 | 7.24187 | 1.76 | 0.4237 | 1.60 | 15.6 | 2013.9 | 13.0 | 2141.7 | 15.8 | 2277.4 | 30.8 |
| 20 | b | 160 | 108 | 0.68 | 0.04 | 0.12307 | 3.88 | 5.91008 | 4.41 | 0.3483 | 2.11 | -4.3 | 2001.2 | 67.3 | 1962.7 | 39.1 | 1926.4 | 35.2 |
| 21 | a | 658 | 293 | 0.44 | 0.54 | 0.11394 | 0.24 | 3.67985 | 1.60 | 0.2342 | 1.58 | -30.1 | 1863.2 | 4.3 | 1567.0 | 12.8 | 1356.6 | 19.3 |
| **QL08-1 (Pegmatite dyke)** | | | | | | | | | | | | | | | | | | |
| 1 | a | 16440 | 487 | 0.03 | 13.59 | 0.07268 | 31.1 | 0.21359 | 31.2 | 0.0213 | 2.19 | -87.4 | 1004.9 | 528.6 | 196.6 | 57.3 | 136.0 | 2.9 |
| 2 | a | 4735 | 302 | 0.06 | 15.11 | 0.08627 | 40.1 | 0.97729 | 40.3 | 0.0822 | 4.52 | -64.6 | 1344.3 | 624.4 | 692.2 | 225.7 | 509.0 | 22.2 |
| 3 | a | 1886 | 1447 | 0.77 | 9.50 | 0.10242 | 7.30 | 1.18802 | 7.75 | 0.0841 | 2.62 | -71.5 | 1668.5 | 129.2 | 795.0 | 43.7 | 520.7 | 13.1 |
| 4 | a | 17602 | 528 | 0.03 | 8.00 | 0.11384 | 8.95 | 1.92505 | 17.1 | 0.1226 | 14.63 | -63.4 | 1861.6 | 153.4 | 1089.8 | 121.6 | 745.8 | 103.8 |
| 5 | b | 258 | 75 | 0.29 | 0.09 | 0.13893 | 0.48 | 7.22035 | 1.58 | 0.3769 | 1.51 | -8.0 | 2213.9 | 8.3 | 2139.0 | 14.2 | 2061.9 | 26.6 |
| 1a=Magmatic zircon; b=Inherited/xenocrystic magmatic zircon; c=Xenocrystic metamorphic zircon. | | | | | | | | | | | | | | | | | | |
| 2f206 is the percentage of common 206Pb in total measured 206Pb. | | | | | | | | | | | | | | | | | | |
| 3Disc. (%) denotes degree of discordance. | | | | | | | | | | | | | | | | | | |