

附表 1 郟庐断裂带中生代岩浆岩年龄汇编

Supplementary table 1 Compilation of Mesozoic magmatic rock ages in the Tanlu Fault Zone

| 样品号 | 岩性 | 经度 | 纬度 | 测年方法 | 年龄 (Ma) | ± | 岩石 类型 | 参考文献 |
|------------|----------|------------|-----------|----------------|------------|-----|----------|---------------------------|
| 中酸性岩石 | | | | | | | | |
| STTW-09 | 正长岩 | 126.268889 | 40.961111 | TMS U-Pb | 233 | 1 | | 吴福元等, 2005 |
| | 正长岩 | 124.548889 | 40.910833 | LA-ICP-MS U-Pb | 231 | 1 | | 吴福元等, 2005 |
| QCZ3-1 | 粗面英安岩 | 120.424167 | 40.852222 | LA-ICP-MS U-Pb | 230.1 | 2.1 | HMA | 林波, 2017 |
| | 二长花岗岩 | 123.600260 | 40.718403 | LA-ICP-MS U-Pb | 224.2 | 1.2 | LMA | Duan Xiaoxia et al. 2014 |
| 09BGB-12 | 花岗岩 | 123.527500 | 40.640833 | TMS U-Pb | 224 | 1 | | 吴福元等, 2005 |
| PM10-RZ2 | 辉石安山岩 | 119.208330 | 40.875000 | LA-ICP-MS U-Pb | 221 | 3 | HMA | Ma Qiang et al. 2012 |
| | 二长花岗岩 | 122.980833 | 40.223611 | LA-ICP-MS U-Pb | 220.9 | 2.1 | LMA | 彭文博等, 2020 |
| 09BD-3 | 闪长岩 | 123.550278 | 40.587222 | TMS U-Pb | 220 | 1 | | 吴福元等, 2005 |
| PM10-RZ1 | 粗面岩 | 119.218330 | 40.896667 | LA-ICP-MS U-Pb | 220 | 4 | HMA | Ma Qiang et al. 2012 |
| | 黑云母二长花岗岩 | 122.988056 | 40.228056 | LA-ICP-MS U-Pb | 219.8 | 0.7 | LMA | 彭文博等, 2020 |
| 16L30-1 | 正长岩 | 121.128333 | 38.756111 | LA-ICP-MS U-Pb | 219 | 1 | | 吴福元等, 2005 |
| 16L20-1 | 正长岩 | 121.138889 | 38.754444 | LA-ICP-MS U-Pb | 219 | 1 | LMA | Quan Yukang et al. 2020 |
| 17L09-1 | 二长花岗岩 | 123.528056 | 40.640278 | LA-ICP-MS U-Pb | 219 | 1 | LMA | Quan Yukang et al. 2020 |
| 16L16-1 | 闪长岩 | 124.017778 | 40.828611 | LA-ICP-MS U-Pb | 216 | 1 | | Quan Yukang et al. 2020 |
| JZS-3 | 正长岩 | 124.017778 | 40.828611 | LA-ICP-MS U-Pb | 215 | 2 | A | Quan Yukang et al. 2020 |
| | 正长岩 | 122.472134 | 36.973641 | SHRIMP U-Pb | 215 | 5 | A | Yang Jinhui et al. 2005 |
| 05SD42 | 闪长岩 | 123.279722 | 40.313611 | LA-ICP-MS U-Pb | 214 | 2 | | 吴福元等, 2005 |
| | 二长花岗岩 | 123.211667 | 40.309444 | TMS U-Pb | 213 | 1 | | 吴福元等, 2005 |
| 16L16-1-O | 正长岩 | 122.375164 | 36.868772 | SIMS U-Pb | 211 | 2 | LMA | Zhao Zifu et al. 2012 |
| | 正长花岗岩 | 124.017778 | 40.828611 | LA-ICP-MS U-Pb | 211 | 2 | | Quan Yukang et al. 2020 |
| T09-1 | 二长花岗岩 | 124.016111 | 40.829167 | SHRIMP U-Pb | 205.2 | 2.1 | | 宋运红等, 2015 |
| | 二长花岗岩 | 124.016111 | 40.829167 | SHRIMP U-Pb | 205 | 2 | | 宋运红等, 2015 |
| 05SD30 | 正长岩 | 122.352161 | 36.887859 | LA-ICP-MS U-Pb | 204 | 3 | | Zhao Zifu et al. 2012 |
| 05SD41 | 花岗岩 | 122.325726 | 36.879621 | LA-ICP-MS U-Pb | 201 | 2 | | Zhao Zifu et al. 2012 |
| 08LX15 | 石英二长岩 | 117.750000 | 35.400000 | LA-ICP-MS U-Pb | 184.7 | 1 | LMA | Lan Tingguang et al. 2012 |
| YX-04 | 粗面安山岩 | 120.387500 | 40.790000 | LA-ICP-MS U-Pb | 182.5 | 3.8 | LMA | 林波, 2017 |
| YX-06 | 粗面英安岩 | 120.412778 | 40.923611 | LA-ICP-MS U-Pb | 181.9 | 3 | LMA | 林波, 2017 |
| 08LX44 | 石英二长岩 | 117.780000 | 35.350000 | LA-ICP-MS U-Pb | 181.5 | 0.9 | LMA | Lan Tingguang et al. 2012 |
| 08LX34 | 正长岩 | 117.760000 | 35.360000 | LA-ICP-MS U-Pb | 180.5 | 0.9 | LMA | Lan Tingguang et al. 2012 |
| 08LX25 | 正长岩 | 117.740000 | 35.340000 | LA-ICP-MS U-Pb | 180.1 | 0.7 | LMA | Lan Tingguang et al. 2012 |
| FW01-157 | 二长花岗岩 | 122.998333 | 40.722778 | SHRIMP U-Pb | 179 | 3 | LMA | 吴福元等, 2005 |
| YX-07 | 流纹岩 | 120.447222 | 40.936389 | LA-ICP-MS U-Pb | 178.6 | 1.9 | | 林波, 2017 |
| 15DL29-1 | 花岗闪长岩 | 121.908333 | 39.341111 | LA-ICP-MS U-Pb | 175 | 1 | LMA | Teng Guoxu et al. 2020 |
| FW01-55 | 花岗闪长岩 | 121.865278 | 39.293333 | SHRIMP U-Pb | 174 | 4 | LMA | 吴福元等, 2005 |
| FW01-363 | 花岗闪长岩 | 121.926944 | 39.320278 | SHRIMP U-Pb | 173 | 4 | LMA | 吴福元等, 2005 |
| FW01-119 | 二长花岗岩 | 124.161389 | 40.129444 | SHRIMP U-Pb | 173 | 6 | LMA | 吴福元等, 2005 |
| FX12-24-6 | 闪长岩 | 121.908333 | 42.041667 | SIMS U-Pb | 172 | 1 | | Zhang Xiaohui et al. 2014 |
| B115-JBG | 花岗斑岩 | 118.668568 | 40.732407 | LA-ICP-MS U-Pb | 170.4 | 2 | | 李曼等, 2016 |
| B107-JBG | 花岗斑岩 | 118.669688 | 40.734165 | LA-ICP-MS U-Pb | 169.9 | 1 | | 李曼等, 2016 |
| TW03 | 二长花岗岩 | 124.195000 | 40.209722 | SHRIMP U-Pb | 169.3 | 3.1 | | 顾玉超等, 2020 |
| HS09-2 | 二长花岗岩 | 121.908333 | 42.041667 | SIMS U-Pb | 168 | 2 | | Zhang Xiaohui et al. 2014 |
| 15DL21-2 | 二长花岗岩 | 122.239444 | 39.287500 | LA-ICP-MS U-Pb | 167 | 1 | | Teng Guoxu et al. 2020 |
| 15PL37 | 花岗岩 | 121.072900 | 37.638800 | SIMS U-Pb | 166 | 1 | LMA | 李刚等, 2019 |
| TW007 | 二长花岗岩 | 124.200833 | 40.175000 | SIMS U-Pb | 165 | 3.3 | LMA | 杨凤超等, 2018 |
| SD06-19-01 | 花岗闪长岩 | 121.745861 | 36.887250 | LA-ICP-MS U-Pb | 164 | 2 | | 王栋, 2012 |
| FW01-156 | 二长花岗岩 | 123.062222 | 40.778889 | SIMS U-Pb | 164 | 4 | LMA | 吴福元等, 2005 |
| HS09-17 | 二长花岗岩 | 121.911458 | 41.978333 | SIMS U-Pb | 164 | 2 | | Zhang Xiaohui et al. 2014 |
| P26Zr1 | 二长花岗岩 | 123.656960 | 40.361751 | LA-ICP-MS U-Pb | 162.7 | 2.5 | | 王玉平等, 2021 |
| TW10 | 二长花岗岩 | 123.445000 | 40.715000 | SHRIMP U-Pb | 162.4 | 1.9 | LMA | 杨凤超等, 2015 |
| HT09-3 | 花岗闪长岩 | 121.859500 | 41.944583 | SIMS U-Pb | 162 | 1 | LMA | Zhang Xiaohui et al. 2014 |
| TW01 | 二长花岗岩 | 124.163889 | 40.148611 | SHRIMP U-Pb | 162 | 3 | LMA | 顾玉超等, 2020 |

续附表 1

| 样品号 | 岩性 | 经度 | 纬度 | 测年方法 | 年龄 (Ma) | ± | 岩石 类型 | 参考文献 |
|------------|------------------|------------|-----------|----------------|------------|------|----------|------------------------------|
| FW01-129 | 二长花岗岩 | 124.449167 | 40.423611 | SHRIMP U-Pb | 161 | 6 | LMA | 吴福元等, 2005 |
| LB64 | 二长花岗岩 | 121.718750 | 41.686667 | SHRIMP U-Pb | 161 | 5 | LMA | Zhang Xiaohui et al. 2014 |
| L1307 | 花岗岩 | 121.500000 | 41.583333 | LA-ICP-MS U-Pb | 160.9 | 2.2 | LMA | 李刚等, 2019 |
| BB4-2 | 花岗岩 | 117.156000 | 32.960000 | SHRIMP U-Pb | 160.2 | 1.3 | | Xu Wenliang et al. 2004 |
| STTW-03 | 粗面英安岩 | 120.635000 | 40.670833 | LA-ICP-MS U-Pb | 160 | 0.67 | LMA | 林波, 2017 |
| SD06-11-01 | 花岗岩 | 122.104850 | 37.151400 | LA-ICP-MS U-Pb | 159 | 2 | | 王栋, 2012 |
| SD06-11-05 | 花岗岩 | 122.104850 | 37.151400 | LA-ICP-MS U-Pb | 159 | 1 | | 王栋, 2012 |
| 08G33 | 花岗岩 | 119.916667 | 37.416667 | LA-ICP-MS U-Pb | 159 | 2 | LMA | Yang Kuifeng et al. 2012 |
| 08G59 | 花岗岩 | 119.916667 | 36.875000 | LA-ICP-MS U-Pb | 159 | 1 | LMA | Yang Kuifeng et al. 2012 |
| 15PL12 | 花岗岩 | 120.729170 | 37.375000 | SIMS U-Pb | 158 | 2 | LMA | Li Xinghui et al. 2019 |
| 08G40 | 花岗岩 | 120.191667 | 37.208333 | LA-ICP-MS U-Pb | 158 | 2 | LMA | Yang Kuifeng et al. 2012 |
| SD06-10-01 | 花岗岩 | 122.148581 | 37.201681 | LA-ICP-MS U-Pb | 158 | 1 | | 王栋, 2012 |
| FX04-4 | 二长花岗岩 | 121.877604 | 42.043333 | SHRIMP U-Pb | 158 | 2 | LMA | Zhang Xiaohui et al. 2014 |
| TW04 | 花岗闪长岩 | 124.200833 | 40.175000 | SHRIMP U-Pb | 158 | 2.7 | LMA | 顾玉超等, 2020 |
| TW02 | 花岗岩 | 124.191944 | 40.250833 | SHRIMP U-Pb | 157.5 | 1.7 | LMA | 顾玉超等, 2020 |
| TW014 | 二长花岗岩 | 124.107778 | 40.131389 | SHRIMP U-Pb | 157.1 | 1.8 | LMA | 杨凤超等, 2018 |
| S7035 | 粗面英安岩 | 120.754722 | 40.701111 | LA-ICP-MS U-Pb | 157.1 | 3.5 | LMA | 林波, 2017 |
| FW01-28 | 花岗岩 | 122.472778 | 40.220556 | SHRIMP U-Pb | 157 | 3 | LMA | 吴福元等, 2005 |
| 08G42 | 花岗岩 | 120.000000 | 37.183333 | LA-ICP-MS U-Pb | 157 | 2 | LMA | Yang Kuifeng et al. 2012 |
| D309Zr1 | 二长花岗岩 | 123.588381 | 40.436495 | LA-ICP-MS U-Pb | 156.9 | 1.1 | | 王玉平等, 2021 |
| FW01-418 | 二长花岗岩 | 124.513333 | 40.309722 | SHRIMP U-Pb | 156 | 3 | LMA | 吴福元等, 2005 |
| SD06-19-04 | 花岗岩 | 121.745861 | 36.887250 | LA-ICP-MS U-Pb | 153 | 1 | | 王栋, 2012 |
| YFD-8 | 花岗岩 | 115.866667 | 31.133333 | SHRIMP U-Pb | 143 | 3 | HMA | Wang Qiang et al. 2007 |
| EGB-8 | 花岗岩 | 115.750000 | 31.133333 | SHRIMP U-Pb | 142 | 2 | HMA | Wang Qiang et al. 2007 |
| 08-LL-01 | 花岗岩 | 120.366667 | 37.450000 | LA-ICP-MS U-Pb | 141 | 8 | LMA | 顾海欧, 2016 |
| HDN-1 | 花岗闪长岩 | 123.666667 | 40.513889 | LA-ICP-MS U-Pb | 139 | 0.2 | LMA | 刘杰勋, 2019 |
| 06LS-2 | 花岗岩 | 115.666667 | 31.800000 | SHRIMP U-Pb | 139 | 3 | LMA | He Yongsheng et al. 2011 |
| 06FJ-1 | 花岗岩 | 115.466667 | 31.850000 | SHRIMP U-Pb | 138 | 3 | LMA | He Yongsheng et al. 2011 |
| DWN-1 | 二长花岗岩 | 123.681389 | 40.505556 | LA-ICP-MS U-Pb | 136.9 | 0.7 | A | 刘杰勋, 2019 |
| DB03C-35 | 石英二长岩 | 115.937500 | 31.041667 | SHRIMP U-Pb | 133 | 4 | HMA | Xu Haijin et al. 2007 |
| J25 | 闪长岩 | 117.166667 | 34.000000 | SHRIMP U-Pb | 132.2 | 4.1 | HMA | Xu Wenliang et al. 2004 |
| DB02-12 | 花岗岩 _γ | 116.500000 | 30.883333 | SHRIMP U-Pb | 132 | 1 | HMA | Xu Haijin et al. 2007 |
| MC00-1 | 花岗岩 | 115.625000 | 30.083333 | LA-ICP-MS U-Pb | 132 | 1 | HMA | Zhang Chao et al. 2010 |
| QTJ-2 | 二长岩 | 117.500000 | 31.675000 | SIMS U-Pb | 131.7 | 1.8 | HMA | Liu Shengao et al. 2010 |
| TZ02 | 石英二长岩 | 116.363333 | 30.788333 | LA-ICP-MS U-Pb | 131.5 | 1 | | 刘磊和徐夕生, 2011 |
| 04GD-2 | 石英二长岩 | 118.008957 | 32.670593 | SHRIMP U-Pb | 131.5 | 1.6 | HMA | 资锋等, 2008 |
| TZ03 | 石英二长岩 | 116.361667 | 30.798333 | LA-ICP-MS U-Pb | 131.4 | 1 | | 刘磊和徐夕生, 2011 |
| 15DY01 | 石英闪长岩 | 117.983833 | 32.434056 | SHRIMP U-Pb | 131.2 | 1 | HMA | Kang Yuelan et al. 2021 |
| LG1 | 闪长岩 | 117.333333 | 34.500000 | SHRIMP U-Pb | 131.1 | 3.4 | HMA | Xu Wenliang et al. 2004 |
| 08-GJL-02 | 花岗岩 | 120.766667 | 37.500000 | LA-ICP-MS U-Pb | 130.6 | 2.2 | LMA | 顾海欧, 2016 |
| 15DY02 | 石英正长岩 | 117.983833 | 32.434056 | SHRIMP U-Pb | 130.5 | 1.1 | HMA | Kang Yuelan et al. 2021 |
| BB9 | 正长花岗岩 | 117.847595 | 33.057019 | LA-ICP-MS U-Pb | 130.1 | 3.2 | LMA | 杨德彬等, 2005 |
| 04TT-10 | 二长岩 | 115.666667 | 31.166667 | LA-ICP-MS U-Pb | 130 | 3 | HMA | Xu Haijin et al. 2012b |
| BB1 | 花岗闪长岩 | 117.491570 | 32.929454 | SHRIMP U-Pb | 130 | 2 | LMA | Jin et al. 2003 (in Chinese) |
| FW01-57 | 二长花岗岩 | 121.838611 | 39.195833 | LA-ICP-MS U-Pb | 130 | 5 | LMA | Wu Fuyuan et al. 2005 |
| 17JX3 | 正长花岗岩 | 118.910833 | 35.433333 | SHRIMP U-Pb | 129.5 | 3.6 | | Kang Yuelan et al. 2021 |
| BB7 | 正长花岗岩 | 117.414600 | 32.866632 | LA-ICP-MS U-Pb | 129.3 | 4.8 | LMA | 杨德彬等, 2005 |
| 09OT07 | 二长闪长岩 | 117.929585 | 32.377311 | LA-ICP-MS U-Pb | 129.2 | 4.1 | HMA | Hu Zilong et al. 2014 |
| FJZ-1 | 二长岩 | 117.988889 | 32.666667 | SIMS U-Pb | 129.1 | 1 | HMA | Liu Shengao et al. 2010 |
| FZL-3 | 花岗岩 | 115.950000 | 31.133333 | SHRIMP U-Pb | 129 | 3 | HMA | Wang Qiang et al. 2007 |
| 08G32 | 花岗闪长岩 | 119.916667 | 37.416667 | LA-ICP-MS U-Pb | 129 | 1 | LMA | Yang Kuifeng et al. 2012 |
| 08G37 | 花岗闪长岩 | 120.166667 | 37.446667 | LA-ICP-MS U-Pb | 129 | 1 | LMA | Yang Kuifeng et al. 2012 |
| 07-QSGY-03 | 二长花岗岩 | 119.053290 | 35.499254 | LA-ICP-MS U-Pb | 128.7 | 4.2 | LMA | 顾海欧, 2016 |
| NYD-10 | 花岗斑岩 | 125.040000 | 40.786389 | LA-ICP-MS U-Pb | 128.6 | 0.6 | A | 刘杰勋, 2019 |

续附表 1

| 样品号 | 岩性 | 经度 | 纬度 | 测年方法 | 年龄 (Ma) | ± | 岩石 类型 | 参考文献 |
|-----------|-------|------------|-----------|----------------|------------|------|----------|-------------------------|
| 17JX2 | 火山熔岩 | 118.919167 | 35.464167 | SHRIMP U-Pb | 128.4 | 1.3 | | Kang Yuelan et al. 2021 |
| DMC-1 | 石英二长岩 | 118.187500 | 32.841667 | SIMS U-Pb | 128.1 | 1 | HMA | Liu Shengao et al. 2010 |
| DB02-10 | 花岗岩 | 116.400000 | 30.916667 | SHRIMP U-Pb | 128 | 1 | | Xu Haijin et al. 2007 |
| DB123 | 片麻岩 | 116.376111 | 30.916111 | LA-ICP-MS U-Pb | 128 | 2 | HMA | Xie Zhi et al. 2006 |
| 17JX1 | 粗面安山岩 | 118.877222 | 35.507500 | SHRIMP U-Pb | 128 | 3 | | Kang Yuelan et al. 2021 |
| 17JN1 | 石英正长岩 | 118.720833 | 35.170278 | SHRIMP U-Pb | 127.8 | 1.7 | | Kang Yuelan et al. 2021 |
| TZS-05 | 花岗闪长岩 | 116.426926 | 30.536242 | LA-ICP-MS U-Pb | 127.8 | 0.7 | HMA | 薛怀民等, 2011 |
| TZS-02 | 花岗岩 | 116.426926 | 30.536242 | LA-ICP-MS U-Pb | 127.7 | 1 | | 薛怀民等, 2011 |
| 17HB2-1 | 粗面岩 | 118.493056 | 35.296944 | SHRIMP U-Pb | 127.3 | 1.8 | LMA | Kang Yuelan et al. 2021 |
| 08-SY-05 | 二长花岗岩 | 119.242983 | 35.742717 | LA-ICP-MS U-Pb | 127.1 | 2.6 | | 顾海欧, 2016 |
| NJC-5 | 石英正长岩 | 124.445000 | 41.148333 | LA-ICP-MS U-Pb | 127.1 | 0.6 | A | 刘杰勋, 2019 |
| DB122 | 花岗岩 | 116.413056 | 30.996389 | LA-ICP-MS U-Pb | 127 | 3 | | Xie Zhi et al. 2006 |
| BJ-1 | 闪长岩 | 117.166667 | 34.250000 | LA-ICP-MS U-Pb | 127 | 1 | | 杨德彬等, 2008 |
| TLF02 | 花岗岩 | 117.572222 | 31.733333 | LA-ICP-MS U-Pb | 126.9 | 1 | LMA | 牛漫兰等, 2010 |
| 17LS1 | 花岗岩 | 118.644444 | 35.066389 | SHRIMP U-Pb | 126.7 | 1.7 | LMA | Kang Yuelan et al. 2021 |
| ND015-1 | 花岗斑岩 | 124.334444 | 41.045833 | LA-ICP-MS U-Pb | 126.4 | 1.5 | A | 刘杰勋, 2019 |
| SL0585 | 粗面英安岩 | 122.015833 | 39.513611 | SHRIMP U-Pb | 126 | 6 | LMA | Liu Junlai et al. 2011 |
| NP52 | 正长花岗岩 | 124.346389 | 41.056111 | LA-ICP-MS U-Pb | 125.7 | 1.5 | A | 刘杰勋, 2019 |
| NFC-1 | 二长花岗岩 | 124.047500 | 40.409722 | LA-ICP-MS U-Pb | 125.6 | 0.6 | A | 刘杰勋, 2019 |
| 08-HB-01 | 二长花岗岩 | 119.418726 | 35.731325 | LA-ICP-MS U-Pb | 125.5 | 2.2 | | 顾海欧, 2016 |
| 08-DC-01 | 花岗岩 | 120.515279 | 36.182278 | LA-ICP-MS U-Pb | 125.1 | 3.1 | LMA | 顾海欧, 2016 |
| XLZ-1 | 二长岩 | 118.494444 | 32.666667 | SIMS U-Pb | 125.1 | 1 | HMA | Liu Shengao et al. 2010 |
| T11-1 | 正长花岗岩 | 124.133056 | 40.694167 | SHRIMP U-Pb | 125 | 1.7 | A | 宋运红等, 2020 |
| SD-27 | 二长花岗岩 | 120.501389 | 37.450000 | SHRIMP U-Pb | 125 | 3 | | Goss et al. 2010 |
| 09OT12 | 石英二长岩 | 117.929585 | 32.377311 | LA-ICP-MS U-Pb | 124.6 | 2.9 | HMA | Hu Zilong et al. 2014 |
| 17JX5 | 正长岩 | 118.919167 | 35.463611 | SHRIMP U-Pb | 124.6 | 2.6 | A | Kang Yuelan et al. 2021 |
| LQG-TW | 二长花岗岩 | 123.343056 | 40.380556 | LA-ICP-MS U-Pb | 124.4 | 0.91 | | 董洋等, 2020 |
| 08-WL-01 | 闪长岩 | 119.125000 | 35.661111 | LA-ICP-MS U-Pb | 124.3 | 5.3 | | 顾海欧, 2016 |
| 07-MS-03 | 花岗斑岩 | 119.539180 | 35.480148 | LA-ICP-MS U-Pb | 124 | 3.6 | | 顾海欧, 2016 |
| TW006 | 花岗闪长岩 | 124.258333 | 40.110000 | SHRIMP U-Pb | 123.3 | 1.4 | | 杨凤超等, 2018 |
| YX-02 | 粗面安山岩 | 120.223889 | 40.920278 | LA-ICP-MS U-Pb | 123.2 | 1.6 | LMA | 林波, 2017 |
| 07-RZ-01 | 花岗岩 | 119.529190 | 35.419832 | LA-ICP-MS U-Pb | 123.2 | 4.7 | LMA | 顾海欧, 2016 |
| S7077 | 流纹岩 | 120.536944 | 40.926667 | LA-ICP-MS U-Pb | 123.1 | 1.4 | | 林波, 2017 |
| 15DA45-1 | 二长花岗岩 | 123.450556 | 40.029722 | LA-ICP-MS U-Pb | 123 | 1 | A | Teng Guoxu et al. 2020 |
| TW005 | 二长花岗岩 | 124.265833 | 40.136667 | SHRIMP U-Pb | 122.7 | 1.6 | LMA | 杨凤超等, 2018 |
| LTG-TW | 二长花岗岩 | 123.031944 | 40.221944 | LA-ICP-MS U-Pb | 122.4 | 0.3 | | 董洋等, 2020 |
| 08-LS-01 | 花岗岩 | 120.598279 | 36.187767 | LA-ICP-MS U-Pb | 122.4 | 2.1 | | 顾海欧, 2016 |
| T12-2 | 正长花岗岩 | 124.041667 | 40.708333 | SHRIMP U-Pb | 122.3 | 1.7 | A | 宋运红等, 2020 |
| T10-1 | 正长花岗岩 | 124.208611 | 40.764722 | SHRIMP U-Pb | 122 | 2 | A | 宋运红等, 2020 |
| 17PD1 | 英安岩 | 120.385278 | 36.865833 | SHRIMP U-Pb | 121.6 | 1.3 | LMA | Kang Yuelan et al. 2021 |
| 15DA03-1 | 二长花岗岩 | 123.393611 | 40.049444 | LA-ICP-MS U-Pb | 121 | 1 | LMA | Teng Guoxu et al. 2020 |
| TLF11 | 花岗岩 | 117.550000 | 31.683333 | LA-ICP-MS U-Pb | 120.3 | 0.7 | LMA | 牛漫兰等, 2010 |
| SD13-26 | 流纹岩 | 120.525856 | 36.378450 | LA-ICP-MS U-Pb | 120 | 1 | | 曹光跃等, 2014 |
| SD13-36 | 粗面岩 | 119.761276 | 36.005784 | LA-ICP-MS U-Pb | 120 | 1 | | 曹光跃等, 2014 |
| NP51 | 二长花岗岩 | 124.211667 | 40.696667 | LA-ICP-MS U-Pb | 120 | 1 | | 刘杰勋, 2019 |
| SK14-1 | 二长花岗岩 | 122.165833 | 39.354167 | LA-ICP-MS U-Pb | 120 | 4 | LMA | Wu Fuyuan et al. 2005 |
| 17QL2 | 正长花岗岩 | 120.514167 | 36.184722 | SHRIMP U-Pb | 119.6 | 1.8 | A | Kang Yuelan et al. 2021 |
| 17QL1 | 花岗岩 | 120.455833 | 36.083611 | SHRIMP U-Pb | 119.3 | 1.7 | A | Kang Yuelan et al. 2021 |
| 17LY1 | 流纹岩 | 120.761667 | 36.970278 | SHRIMP U-Pb | 119.2 | 2.9 | A | Kang Yuelan et al. 2021 |
| 08-XJD-02 | 花岗岩 | 120.205536 | 35.961612 | LA-ICP-MS U-Pb | 119 | 1.7 | | 顾海欧, 2016 |
| SD13-09 | 粗面安山岩 | 120.831757 | 36.975678 | LA-ICP-MS U-Pb | 119 | 1 | HMA | 曹光跃等, 2014 |
| 08-YJZ-03 | 花岗岩 | 120.641696 | 36.348393 | LA-ICP-MS U-Pb | 118 | 3.9 | LMA | 顾海欧, 2016 |
| SD-11 | 二长花岗岩 | 121.670833 | 36.941667 | SHRIMP U-Pb | 118 | 1 | LMA | Goss et al. 2010 |

续附表 1

| 样品号 | 岩性 | 经度 | 纬度 | 测年方法 | 年龄 (Ma) | ± | 岩石 类型 | 参考文献 |
|-----------|----------|------------|-----------|----------------|------------|-----|----------|----------------------------|
| SD13-30 | 粗面安山岩 | 120.543194 | 36.386258 | LA-ICP-MS U-Pb | 118 | 1 | | 曹光跃等, 2014 |
| HG-N1 | 花岗斑岩 | 124.708333 | 42.511111 | LA-ICP-MS U-Pb | 117 | 1 | A | 豆世勇, 2020 |
| SD-12 | 正长花岗岩 | 121.670833 | 36.941667 | SHRIMP U-Pb | 117 | 1 | | Goss et al. 2010 |
| 09QX01 | 闪长岩 | 120.820000 | 37.250000 | LA-ICP-MS U-Pb | 117 | 1 | | Cai Yachun et al. 2013 |
| SL0694 | 黑云母二长花岗岩 | 122.254722 | 39.557778 | LA-ICP-MS U-Pb | 116 | 5 | LMA | Liu Junlai et al. 2013 |
| SD-28 | 二长花岗岩 | 120.501389 | 37.438889 | SHRIMP U-Pb | 116 | 2 | | Goss et al. 2010 |
| SD-30 | 二长岩 | 121.001389 | 37.200000 | SHRIMP U-Pb | 116 | 1 | | Goss et al. 2010 |
| 09M09 | 闪长岩 | 120.500000 | 37.500000 | LA-ICP-MS U-Pb | 116 | 1 | | Cai Yachun et al. 2013 |
| BB6 | 花岗岩 | 117.500000 | 32.880000 | LA-ICP-MS U-Pb | 115.8 | 3.1 | | 杨德彬等, 2005 |
| SD-59 | 花岗岩 | 120.583333 | 36.216667 | SHRIMP U-Pb | 115 | 2 | | Goss et al. 2010 |
| 09SD-106 | 闪长岩 | 120.710333 | 36.857000 | LA-ICP-MS U-Pb | 115 | | | Guo Feng et al. 2014 |
| SD-31 | 二长花岗岩 | 121.001389 | 37.200000 | SHRIMP U-Pb | 113 | 2 | HMA | Goss et al. 2010 |
| SL0536 | 花岗斑岩 | 122.221389 | 39.631111 | SHRIMP U-Pb | 113 | 2 | LMA | 纪沫等, 2009 |
| BB2 | 二长花岗岩 | 117.436638 | 32.909280 | LA-ICP-MS U-Pb | 110.3 | 2.8 | A | 杨德彬等, 2005 |
| TLF07 | 花岗岩 | 117.625000 | 31.766667 | LA-ICP-MS U-Pb | 108.1 | | A | 牛漫兰等, 2010 |
| 基性岩石 | | | | | | | | |
| QCZ-18 | 煌斑岩 | 123.610313 | 40.738600 | LA-ICP-MS U-Pb | 227.3 | 5.2 | Arc-like | Duan Xiaoxia et al. 2014 |
| QCZ-13 | 煌斑岩 | 123.650521 | 40.739400 | LA-ICP-MS U-Pb | 224.3 | 3.4 | Arc-like | Duan Xiaoxia et al. 2014 |
| 16L20-7 | 基性岩脉 | 123.528056 | 40.640278 | LA-ICP-MS U-Pb | 220 | 1 | | Quan Yukang et al. 2020 |
| QCZ-16 | 煌斑岩 | 123.690833 | 40.739445 | LA-ICP-MS U-Pb | 218 | 2.9 | Arc-like | Duan Xiaoxia et al. 2014 |
| QCZ-12 | 煌斑岩 | 123.650521 | 40.739400 | LA-ICP-MS U-Pb | 217.2 | 3.5 | Arc-like | Duan Xiaoxia et al. 2014 |
| 16L22-1-O | 辉长岩 | 123.499444 | 40.571944 | LA-ICP-MS U-Pb | 217 | 1 | Arc-like | Quan Yukang et al. 2020 |
| 17L08-1 | 辉长岩 | 124.017778 | 40.828611 | LA-ICP-MS U-Pb | 215 | 1 | Arc-like | Quan Yukang et al. 2020 |
| 16L22-1 | 辉长岩 | 123.499444 | 40.571944 | LA-ICP-MS U-Pb | 215 | 2 | Arc-like | Quan Yukang et al. 2020 |
| | 辉绿岩 | 121.128889 | 38.756111 | SHRIMP U-Pb | 213 | 4 | | 吴福元等, 2005 |
| 03JH025 | 辉绿岩 | 121.128889 | 38.756111 | SHRIMP U-Pb | 213 | 5 | Arc-like | Yang Jinhui et al. 2007 |
| | 辉绿岩 | 121.796389 | 39.083056 | SHRIMP U-Pb | 212 | 2 | | 吴福元等, 2005 |
| 03JH011 | 辉绿岩 | 121.796389 | 39.083056 | SHRIMP U-Pb | 211 | 2 | Arc-like | Yang Jinhui et al. 2007 |
| 05SD37 | 辉长岩 | 122.358856 | 36.887310 | SIMS U-Pb | 211 | 2 | Arc-like | Zhao Zifu et al. 2012 |
| 05SD34 | 辉长岩 | 122.344280 | 36.885010 | SIMS U-Pb | 210 | 2 | Arc-like | Zhao Zifu et al. 2012 |
| 05SD38 | 辉长岩 | 122.358856 | 36.887310 | SIMS U-Pb | 210 | 2 | Arc-like | Zhao Zifu et al. 2012 |
| 05SD40 | 辉长岩 | 122.338428 | 36.884701 | LA-ICP-MS U-Pb | 210 | 2 | Arc-like | Zhao Zifu et al. 2012 |
| QCZ-15 | 煌斑岩 | 123.580156 | 40.739000 | LA-ICP-MS U-Pb | 209.7 | 3 | Arc-like | Duan Xiaoxia et al. 2014 |
| HS09-3 | 辉长岩 | 121.908333 | 42.041667 | SIMS U-Pb | 164 | 4 | Arc-like | Zhang Xiaohui et al. 2014 |
| TL-6 | 闪辉正煌岩 | 120.589444 | 40.367500 | LA-ICP-MS U-Pb | 162 | 2.7 | Arc-like | Wan Le et al. 2019 |
| TL-7 | 闪辉正煌岩 | 120.589722 | 40.367500 | LA-ICP-MS U-Pb | 156 | 3.9 | Arc-like | Wan Le et al. 2019 |
| HZY-1 | 煌斑岩 | 122.781250 | 40.737500 | LA-ICP-MS U-Pb | 155 | 4 | Arc-like | Jiang Yaohui et al. 2010 |
| SD2MY | 辉绿岩 | 118.080000 | 35.750000 | SHRIMP U-Pb | 144 | 2 | Arc-like | Liu Shen et al. 2008 |
| SD3ZC | 辉绿岩 | 118.170000 | 36.700000 | SHRIMP U-Pb | 143 | 2 | Arc-like | Liu Shen et al. 2008 |
| TL-8 | 角闪岩 | 120.591389 | 40.378056 | LA-ICP-MS U-Pb | 140 | 6.3 | Arc-like | Wan Le et al. 2019 |
| TL-4 | 煌斑岩 | 120.576111 | 40.377778 | LA-ICP-MS U-Pb | 139 | 2 | Arc-like | Wan Le et al. 2019 |
| TH4-2 | 辉绿岩 | 125.301819 | 41.875600 | LA-ICP-MS U-Pb | 137 | 3 | Arc-like | Pei Fuping et al. 2011a |
| DD3-1 | 辉长岩 | 124.486000 | 40.476203 | LA-ICP-MS U-Pb | 132 | 2 | Arc-like | Pei Fuping et al. 2011a |
| MC21-3 | 基性岩脉 | 115.625000 | 30.083333 | LA-ICP-MS U-Pb | 132 | 1 | | Zhang Chao et al. 2010 |
| WDSC-1 | 斜煌岩 | 122.006250 | 37.085278 | LA-ICP-MS U-Pb | 130.1 | 3.9 | Arc-like | Deng Jun et al. 2017 |
| DD22-1 | 二辉岩 | 121.717529 | 39.829155 | LA-ICP-MS U-Pb | 130 | 2 | Arc-like | Pei Fuping et al. 2011a |
| DD17-1 | 辉长闪长岩 | 122.192688 | 39.474600 | SHRIMP U-Pb | 129 | 5 | Arc-like | Pei Fuping et al. 2011a |
| CYS-2 | 辉长岩 | 117.625000 | 36.770800 | SIMS U-Pb | 128.7 | 0.5 | Arc-like | Huang Xiaolong et al. 2012 |
| 07JN20 | 辉长闪长岩 | 117.000000 | 36.750000 | LA-ICP-MS U-Pb | 128 | 2 | Arc-like | Yang Kuifeng et al. 2012 |
| JN-1 | 辉长岩 | 117.055000 | 36.713000 | SIMS U-Pb | 127.5 | 2.2 | Arc-like | Huang Xiaolong et al. 2012 |
| WL3 | 闪长玢岩 | 124.186667 | 40.152778 | LA-ICP-MS U-Pb | 127 | 1 | Arc-like | Liu Yan et al. 2020 |
| DB02-11 | 煌斑岩 | 116.375000 | 30.875000 | SHRIMP U-Pb | 127 | 2 | Arc-like | Xu Haijin et al. 2012b |
| 09ZJP08 | 基性岩脉 | 116.937500 | 31.333330 | LA-ICP-MS U-Pb | 127 | 1 | Arc-like | Dai Liqun et al. 2012 |
| B3ZA | 辉绿岩 | 120.301074 | 37.070961 | LA-ICP-MS U-Pb | 126.9 | 1.7 | Arc-like | Liu Shen et al. 2009 |

续附表 1

| 样品号 | 岩性 | 经度 | 纬度 | 测年方法 | 年龄 (Ma) | ± | 岩石 类型 | 参考文献 |
|------------|-------|------------|-----------|----------------|------------|-----|----------|--------------------------|
| SGL9 | 闪长玢岩 | 124.270833 | 40.104514 | LA-ICP-MS U-Pb | 126 | 1 | Arc-like | Liu Yan et al. 2020 |
| 04-158-1 | 辉绿岩 | 115.750000 | 31.666670 | SHRIMP U-Pb | 126 | 3 | Arc-like | Xu Haijin et al. 2012b |
| B6ZA | 辉绿岩 | 120.301074 | 37.070961 | LA-ICP-MS U-Pb | 125.4 | 1.1 | Arc-like | Liu Shen et al. 2009 |
| B1ZA | 辉绿岩 | 120.301074 | 37.070961 | LA-ICP-MS U-Pb | 124.8 | 1.5 | Arc-like | Liu Shen et al. 2009 |
| 07JN38 | 辉长岩 | 117.000000 | 36.750000 | LA-ICP-MS U-Pb | 125 | 5 | Arc-like | Yang Kuifeng et al. 2012 |
| 01SHC05 | 基性岩脉 | 116.250000 | 30.833330 | SHRIMP U-Pb | 125 | 3 | Arc-like | Zhao Zifu et al. 2005 |
| 01SHC10 | 辉长岩 | 116.187500 | 30.833330 | SHRIMP U-Pb | 125 | 2 | Arc-like | Zhao Zifu et al. 2005 |
| 09ZJP06 | 基性岩脉 | 116.000000 | 31.221670 | LA-ICP-MS U-Pb | 125 | 3 | Arc-like | Dai Liqun et al. 2012 |
| 09SD-165 | 玄武岩 | 118.158167 | 35.277667 | SIMS U-Pb | 125 | | Arc-like | Guo Feng et al. 2014 |
| CN01 | 基性岩脉 | 117.727800 | 36.597900 | LA-ICP-MS U-Pb | 124.3 | 0.5 | Arc-like | Liu Shen et al. 2016 |
| B5ZA | 辉绿岩 | 120.301074 | 37.070961 | LA-ICP-MS U-Pb | 123.7 | 2.2 | Arc-like | Liu Shen et al. 2009 |
| SJ01 | 基性岩脉 | 117.712500 | 36.647900 | LA-ICP-MS U-Pb | 123.2 | 0.6 | Arc-like | Liu Shen et al. 2016 |
| 07ZP07 | 辉长岩 | 117.666670 | 36.750000 | LA-ICP-MS U-Pb | 123 | 1 | Arc-like | Yang Kuifeng et al. 2012 |
| DP-5 | 辉绿岩 | 120.135722 | 37.400333 | LA-ICP-MS U-Pb | 122.6 | 3.3 | OIB-like | Ma Liang et al. 2016 |
| B4ZA | 辉绿岩 | 120.301074 | 37.070961 | LA-ICP-MS U-Pb | 122.5 | 1.5 | Arc-like | Liu Shen et al. 2009 |
| DP-2 | 辉绿岩 | 120.133833 | 37.398000 | LA-ICP-MS U-Pb | 122.4 | 3.1 | OIB-like | Ma Liang et al. 2016 |
| SJ02 | 基性岩脉 | 117.704200 | 36.650000 | LA-ICP-MS U-Pb | 122 | 0.6 | Arc-like | Liu Shen et al. 2016 |
| KJ01 | 基性岩脉 | 117.707200 | 36.622900 | LA-ICP-MS U-Pb | 121.9 | 0.6 | Arc-like | Liu Shen et al. 2016 |
| JJHT-2 | 煌斑岩 | 120.139765 | 37.399302 | LA-ICP-MS U-Pb | 121.6 | 1.7 | OIB-like | Ma Liang et al. 2014 |
| JJLT-1 | 煌斑岩 | 120.139765 | 37.399302 | LA-ICP-MS U-Pb | 120.8 | 1.8 | OIB-like | Ma Liang et al. 2014 |
| JJHT-5 | 煌斑岩 | 120.139765 | 37.399302 | LA-ICP-MS U-Pb | 120.6 | 2.9 | OIB-like | Ma Liang et al. 2014 |
| LKXDJ-3 | 斜煌岩 | 120.518139 | 37.535472 | SHRIMP U-Pb | 120.7 | 2.9 | Arc-like | Deng Jun et al. 2017 |
| LZYD-4 | 云斜煌岩 | 120.154472 | 37.151972 | SHRIMP U-Pb | 120.1 | 1.3 | Arc-like | Deng Jun et al. 2017 |
| 09SD-76 | 基性岩脉 | 121.467833 | 37.167667 | SIMS U-Pb | 120 | | Arc-like | Guo Feng et al. 2014 |
| 07JN32 | 辉长闪长岩 | 117.000000 | 36.750000 | LA-ICP-MS U-Pb | 120 | 1 | Arc-like | Yang Kuifeng et al. 2012 |
| WDSC-3 | 斜煌岩 | 122.006250 | 37.085278 | LA-ICP-MS U-Pb | 119.3 | 0.8 | Arc-like | Deng Jun et al. 2017 |
| 07JN25 | 辉长岩 | 117.000000 | 36.750000 | LA-ICP-MS U-Pb | 119 | 4 | Arc-like | Yang Kuifeng et al. 2012 |
| WL17 | 辉绿岩 | 124.186667 | 40.152778 | LA-ICP-MS U-Pb | 119 | 2 | OIB-like | Liu Yan et al. 2020 |
| LZYD-6 | 斜煌岩 | 120.181389 | 37.212500 | SHRIMP U-Pb | 118.7 | 2.2 | Arc-like | Deng Jun et al. 2017 |
| LYGC-2 | 斜煌岩 | 121.069417 | 37.015806 | LA-ICP-MS U-Pb | 118.5 | 2.9 | Arc-like | Deng Jun et al. 2017 |
| SGL8 | 辉绿岩 | 124.270833 | 40.100000 | LA-ICP-MS U-Pb | 118 | 1 | Arc-like | Liu Yan et al. 2020 |
| GJ104 | 辉长岩 | 121.719589 | 36.841438 | LA-ICP-MS U-Pb | 114 | 1 | Arc-like | Tang Huayun et al. 2008 |
| SD06-11-08 | 基性岩脉 | 122.104850 | 37.151400 | LA-ICP-MS U-Pb | 112 | 1 | | 王栋, 2012 |
| LXHL-1 | 云斜煌岩 | 120.281111 | 37.074361 | SHRIMP U-Pb | 111.7 | 1.2 | Arc-like | Deng Jun et al. 2017 |
| GJ203 | 辉长岩 | 121.719589 | 36.841438 | LA-ICP-MS U-Pb | 111 | 1 | Arc-like | Tang Huayun et al. 2008 |

注:部分岩石样品的经纬度未在参考文献中给出,这些样品的经纬值是根据地质图上标记的位置估算。HMA:高 Mg[#] 埃达克岩; LMA:低 Mg[#] 埃达克岩; A: A 型花岗岩。

附表 2-1 郟庐断裂带中生代中酸性岩石主要元素 (%)
Appendix 2-1 Major elements (%) of Mesozoic granitoids rocks in Tanlu fault one

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 70.42 | 0.55 | 13.07 | | 0.05 | 0.91 | 2.17 | 4.14 | 3.55 | 0.2 | | 3.35 | 38 | |
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 71.22 | 0.43 | 13.36 | | 0.05 | 0.9 | 1.84 | 4.01 | 4.28 | 0.19 | | 3.12 | 39 | |
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 70.06 | 0.36 | 14.18 | | 0.04 | 0.79 | 1.75 | 3.95 | 5.22 | 0.18 | | 2.71 | 39 | |
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 69.83 | 0.54 | 13.25 | | 0.06 | 1.21 | 2.06 | 3.82 | 4.65 | 0.24 | | 3.90 | 41 | |
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 70.13 | 0.49 | 13.61 | | 0.05 | 0.92 | 1.92 | 3.97 | 4.99 | 0.2 | | 3.15 | 39 | |
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 71.31 | 0.58 | 12.46 | | 0.06 | 1.33 | 2.21 | 3.87 | 3.53 | 0.3 | | 3.69 | 44 | |
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 69.07 | 0.44 | 14.48 | | 0.05 | 1.1 | 1.9 | 4.13 | 5.13 | 0.21 | | 3.15 | 44 | |
| PM10-RZ1 | 122.988056 | 40.228056 | 219.8 | 71.1 | 0.38 | 15.2 | 0.72 | 0.03 | 0.78 | 0.61 | 4.09 | 4.19 | 0.1 | 1.48 | | | 1.23 |
| PM10-RZ1 | 122.988056 | 40.228056 | 219.8 | 69.5 | 0.42 | 15.2 | 0.44 | 0.04 | 0.9 | 1.93 | 4.3 | 4.06 | 0.11 | 1.67 | | | 1.02 |
| PM10-RZ1 | 122.988056 | 40.228056 | 219.8 | 70.8 | 0.34 | 15 | 0.21 | 0.03 | 0.66 | 1.38 | 4.26 | 4.75 | 0.1 | 1.61 | | | 1.02 |
| PM10-RZ1 | 122.988056 | 40.228056 | 219.8 | 69.8 | 0.38 | 13.9 | 0.34 | 0.06 | 0.95 | 2.25 | 4.15 | 4.45 | 0.12 | 1.93 | | | 0.88 |
| PM10-RZ2 | 122.980833 | 40.223611 | 220.9 | 68.8 | 0.51 | 15.3 | 0.51 | 0.04 | 1.42 | 2.15 | 4.15 | 3.37 | 0.08 | 2.19 | | | 1.06 |
| PM10-RZ2 | 122.980833 | 40.223611 | 220.9 | 70.3 | 0.41 | 14.7 | 0.77 | 0.04 | 0.97 | 1.88 | 4.03 | 3.96 | 0.12 | 1.42 | | | 1.03 |
| PM10-RZ2 | 122.980833 | 40.223611 | 220.9 | 69.3 | 0.5 | 14.8 | 0.63 | 0.05 | 1.41 | 1.88 | 3.78 | 4.02 | 0.16 | 1.96 | | | 1.06 |
| PM10-RZ2 | 122.980833 | 40.223611 | 220.9 | 73.7 | 0.24 | 13.3 | 0.95 | 0.04 | 0.4 | 1 | 3.16 | 5.24 | 0.08 | 0.87 | | | 1.05 |
| T09-1 | 124.016111 | 40.829167 | 205.2 | 75.05 | 0.13 | 12.99 | 2.22 | 0.05 | 0.08 | 0.27 | 3.48 | 5.1 | 0.02 | 1.37 | | | 1.1 |
| T09-1 | 124.016111 | 40.829167 | 205.2 | 75.43 | 0.14 | 12.89 | 1.8 | 0.04 | 0.11 | 0.38 | 3.7 | 5 | 0.03 | 0.49 | | | 1.06 |
| T09-1 | 124.016111 | 40.829167 | 205.2 | 69.19 | 0.5 | 14.28 | 3.95 | 0.06 | 0.93 | 0.34 | 4.24 | 5.04 | 0.09 | 2.72 | | | 1.09 |
| T09-1 | 124.016111 | 40.829167 | 205.2 | 75.24 | 0.09 | 12.51 | 1.72 | 0.02 | 0.13 | 0.58 | 4.07 | 4.97 | 0.01 | 1.04 | | | 0.95 |
| 16L30-1 | 121.138889 | 38.754444 | 219 | 65.55 | 0.05 | 18.51 | 0.79 | 0.01 | 0.12 | 0.66 | 4.82 | 8.41 | 0.05 | | | | 1.02 |
| 16L30-1 | 121.138889 | 38.754444 | 219 | 65.01 | 0.07 | 19 | 0.95 | 0.02 | 0.15 | 0.79 | 5.3 | 7.9 | 0.06 | | | | 1.02 |
| 16L30-1 | 121.138889 | 38.754444 | 219 | 63.33 | 0.06 | 19.95 | 1.07 | 0.02 | 0.28 | 1.81 | 5.46 | 6.75 | 0.17 | | | | 1.02 |
| 16L20-1 | 123.528056 | 40.640278 | 219 | 70.09 | 0.46 | 14.75 | 2.85 | 0.04 | 0.89 | 1.66 | 4 | 4.54 | 0.17 | | | | 1.02 |
| 16L20-1 | 123.528056 | 40.640278 | 219 | 69.07 | 0.41 | 15.75 | 2.57 | 0.03 | 0.76 | 1.75 | 4.13 | 5.15 | 0.15 | | | | 1.01 |
| 16L20-1 | 123.528056 | 40.640278 | 219 | 70.51 | 0.43 | 14.86 | 2.66 | 0.04 | 0.79 | 1.75 | 4.08 | 4.43 | 0.16 | | | | 1.01 |
| 16L20-1 | 123.528056 | 40.640278 | 219 | 70.56 | 0.42 | 14.76 | 2.6 | 0.03 | 0.72 | 1.69 | 4.11 | 4.56 | 0.17 | | | 1 | |
| 16L20-7 | 123.528056 | 40.640278 | 220 | 49.07 | 1.61 | 15.85 | 9.88 | 0.13 | 6.85 | 6.34 | 2.78 | 4.51 | 0.77 | | | | 0.76 |
| 16L20-7 | 123.528056 | 40.640278 | 220 | 48.94 | 1.6 | 15.82 | 9.87 | 0.14 | 6.82 | 6.32 | 2.77 | 4.51 | 0.77 | | | | 0.76 |
| 16L16-1 | 124.017778 | 40.828611 | 215 | 77.33 | 0.07 | 12.11 | 1.08 | 0.01 | 0.11 | 0.15 | 3.91 | 4.24 | 0.01 | | | | 1.07 |
| 16L16-1 | 124.017778 | 40.828611 | 215 | 78.01 | 0.08 | 11.75 | 1.27 | 0.01 | 0.15 | 0.11 | 3.63 | 4.33 | 0.01 | | | | 1.08 |
| 16L16-1 | 124.017778 | 40.828611 | 215 | 77.9 | 0.07 | 12.06 | 1.14 | 0.01 | 0.14 | 0.13 | 3.97 | 4.06 | 0.01 | | | | 1.08 |
| 17L09-1 | 124.017778 | 40.828611 | 216 | 53.43 | 2.54 | 15.93 | 11.01 | 0.16 | 2.99 | 5.85 | 4.82 | 2.37 | 0.67 | | | | 0.75 |
| 17L09-1 | 124.017778 | 40.828611 | 216 | 59.57 | 1.96 | 14.31 | 8.67 | 0.13 | 2.62 | 5.04 | 4.13 | 3.21 | 0.38 | | | | 0.74 |
| 17L09-1 | 124.017778 | 40.828611 | 216 | 56.12 | 2.19 | 15.14 | 9.77 | 0.15 | 2.77 | 5.36 | 4.2 | 3.43 | 0.54 | | | | 0.74 |
| JZS-11 | 122.472134 | 36.973641 | 214.1 | 59.31 | 0.53 | 18.09 | 4.09 | 0.1 | 1.49 | 3.38 | 4.29 | 6.76 | 0.35 | | | | |
| JZS-13 | 122.472134 | 36.973641 | 214.6 | 54.44 | 1 | 15.22 | 7.27 | 0.15 | 3.56 | 5.44 | 3.49 | 6.04 | 0.73 | | | | |
| JZS-3 | 122.472134 | 36.973641 | 215 | 64.03 | 0.33 | 18.53 | 2.28 | 0.1 | 0.28 | 1.31 | 5.23 | 6.94 | 0.07 | | | | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| 05SD39 | 122.358856 | 36.887310 | 211 | 63.76 | 0.24 | 17.77 | 2.47 | 0.03 | 0.74 | 2.31 | 5.29 | 5.78 | 0.19 | | | 40 | |
| 05SD42 | 122.375164 | 36.868772 | 211 | 67.07 | 0.23 | 16.84 | 1.87 | 0.07 | 0.21 | 0.89 | 5.77 | 6.35 | 0.04 | | | 20 | |
| 05SD41 | 122.325726 | 36.879621 | 201 | 77.57 | 0.04 | 12.31 | 0.79 | 0.01 | 0.08 | 0.4 | 3.61 | 5.16 | 0.01 | | | 18 | |
| STTW-09 | 120.424167 | 40.852222 | 230.1 | 64.39 | 0.63 | 15.37 | | 0.06 | 2.64 | 3.66 | 4.31 | 3.68 | 0.47 | 4.31 | | 52.2 | |
| 09BD-2 | 119.218330 | 40.896667 | 220 | 60.35 | 0.65 | 14.4 | | 0.06 | 3.08 | 4.19 | 4.89 | 3.59 | 0.49 | 6.08 | | 50.1 | |
| 09BD-3 | 119.218330 | 40.896667 | 220 | 65.74 | 0.48 | 15.63 | | 0.05 | 2.4 | 2.54 | 7.34 | 0.78 | 0.2 | 3.49 | | 57.7 | |
| 09BGB-4 | 119.208330 | 40.875000 | 221 | 61.91 | 0.51 | 15.07 | | 0.08 | 3.36 | 3.97 | 4.77 | 2.33 | 0.36 | 4.69 | | 58.7 | 1.066 |
| TW007 | 124.200833 | 40.175000 | 165 | 73.56 | 0.13 | 14.03 | 0.82 | 0.02 | 0.24 | 0.91 | 3.87 | 4.74 | 0.58 | 0.58 | | | 1.143 |
| | 124.200833 | 40.175000 | 165 | 72.62 | 0.13 | 14.74 | 0.95 | 0.02 | 0.24 | 0.87 | 3.9 | 4.53 | 0.63 | 0.54 | | | 1.127 |
| | 124.200833 | 40.175000 | 165 | 72.75 | 0.13 | 14.58 | 0.81 | 0.02 | 0.22 | 0.98 | 3.87 | 4.43 | 0.69 | 0.72 | | | 1.08 |
| TW014 | 124.107778 | 40.131389 | 157.1 | 72.61 | 0.12 | 14.18 | 0.25 | 0.01 | 0.28 | 1.31 | 3.53 | 4.57 | 0.52 | 0.9 | | | 1.076 |
| | 124.107778 | 40.131389 | 157.1 | 72.92 | 0.13 | 14.22 | 0.052 | 0.01 | 0.27 | 1.32 | 3.94 | 3.99 | 0.63 | 1.12 | | | 1.041 |
| | 124.107778 | 40.131389 | 157.1 | 74.45 | 0.11 | 13.46 | 0.35 | 0.00 | 0.22 | 1.08 | 2.7 | 6.03 | 0.53 | 0.49 | | | 1.083 |
| TW10 | 123.445000 | 40.715000 | 162.4 | 73.1 | 0.136 | 14.82 | 1.448 | 0.05 | 0.2 | 1.556 | 3.966 | 4.005 | 0.43 | 0.58 | | | 1.047 |
| | 123.445000 | 40.715000 | 162.4 | 73.43 | 0.119 | 14.54 | 1.294 | 0.04 | 0.145 | 1.429 | 4.118 | 4.005 | 0.43 | 0.58 | | | 1.3 |
| | 123.445000 | 40.715000 | 162.4 | 75.61 | 0.106 | 14.37 | 1.189 | 0.03 | 0.141 | 1.134 | 3.25 | 4.005 | 0.43 | 0.58 | | | 1.035 |
| | 123.445000 | 40.715000 | 162.4 | 72.35 | 0.15 | 15.06 | 1.47 | 0.05 | 0.18 | 1.71 | 4.238 | 4.005 | 0.43 | 0.58 | | | 1.073 |
| | 123.445000 | 40.715000 | 162.4 | 72.81 | 0.12 | 15.04 | 1.39 | 0.05 | 0.14 | 1.52 | 4.173 | 4.005 | 0.43 | 0.58 | | | 1.072 |
| | 123.445000 | 40.715000 | 162.4 | 72.28 | 0.14 | 15.05 | 1.74 | 0.05 | 0.17 | 1.54 | 4.112 | 4.005 | 0.43 | 0.58 | | | |
| FW01-054 | 121.865278 | 39.293333 | 174 | 58.9 | 0.71 | 17.49 | | 0.13 | 1.87 | 5.28 | 4.34 | 2.34 | 0.51 | 7.53 | | 31 | |
| FW01-055 | 121.865278 | 39.293333 | 174 | 68.75 | 0.25 | 16 | | 0.09 | 0.72 | 3.06 | 4.49 | 2.67 | 0.19 | 3.44 | | 28 | |
| FW01-056 | 121.865278 | 39.293333 | 174 | 71.02 | 0.2 | 15.65 | | 0.05 | 0.45 | 3.12 | 4.34 | 2.34 | 0.1 | 2.54 | | 25 | |
| FW01-363 | 121.926944 | 39.320278 | 173 | 62.17 | 0.52 | 18.46 | | 0.10 | 1.17 | 4.82 | 5.75 | 1.55 | 0.27 | 5.30 | | 29 | |
| FW01-364 | 121.926944 | 39.320278 | 173 | 66.23 | 0.4 | 17.23 | | 0.08 | 0.91 | 3.84 | 5.2 | 1.75 | 0.22 | 4.21 | | 29 | |
| FW01-366 | 121.926944 | 39.320278 | 173 | 53.14 | 0.74 | 18.35 | | 0.24 | 2.58 | 8.44 | 5.24 | 1.03 | 0.73 | 9.17 | | 34 | |
| FW01-157 | 122.998333 | 40.722778 | 179 | 65.16 | 0.35 | 16.42 | | 0.11 | 1.24 | 3.44 | 4.65 | 3.19 | 0.24 | 4.32 | | 35 | |
| FW01-347 | 122.472778 | 40.220556 | 157 | 58.14 | 0.78 | 17.25 | | 0.08 | 3.77 | 5.5 | 4.42 | 2.04 | 0.26 | 6.38 | | 52 | |
| FW01-118 | 124.161389 | 40.129444 | 173 | 73.51 | 0.14 | 14.2 | | 0.03 | 0.2 | 1.04 | 4.24 | 4.58 | 0.04 | 1.20 | | 24 | |
| FW01-119 | 124.161389 | 40.129444 | 173 | 73.99 | 0.14 | 14.03 | | 0.02 | 0.18 | 1.14 | 4 | 4.42 | 0.04 | 1.12 | | 23 | |
| FW01-120 | 124.449167 | 40.423611 | 161 | 74.3 | 0.05 | 14.52 | | 0.02 | 0.09 | 0.96 | 4.02 | 4.6 | 0.03 | 0.73 | | 19 | |
| FW01-129 | 124.449167 | 40.423611 | 161 | 74.02 | 0.11 | 14.6 | | 0.01 | 0.14 | 1.02 | 4.36 | 4.58 | 0.04 | 0.54 | | 32 | |
| FW01-156 | 123.062222 | 40.778889 | 164 | 73.19 | 0.08 | 14.85 | | 0.03 | 0.12 | 1.33 | 4.02 | 4.8 | 0.02 | 0.91 | | 20 | |
| FW01-158 | 123.062222 | 40.778889 | 164 | 71.96 | 0.09 | 15.89 | | 0.02 | 0.55 | 2.5 | 5.5 | 1.67 | 0.04 | 1.11 | | 48 | |
| FW01-407 | 124.449167 | 40.423611 | 161 | 72.38 | 0.24 | 14.31 | | 0.03 | 0.51 | 1.75 | 3.94 | 4.27 | 0.07 | 1.76 | | 35 | |
| FW01-408 | 124.449167 | 40.423611 | 161 | 70.76 | 0.23 | 14.69 | | 0.03 | 0.41 | 1.39 | 4.42 | 4.44 | 0.07 | 1.47 | | 34 | |
| FW01-414 | 124.449167 | 40.423611 | 161 | 71.7 | 0.22 | 14.99 | | 0.01 | 0.48 | 1.75 | 3.65 | 4.44 | 0.05 | 1.85 | | 32 | |
| FW01-416 | 124.449167 | 40.423611 | 161 | 73.72 | 0.14 | 14.37 | | 0.02 | 0.18 | 1.32 | 4.07 | 4.58 | 0.03 | 1.03 | | 24 | |
| FW01-417 | 124.449167 | 40.423611 | 161 | 74.76 | 0.08 | 13.87 | | 0.01 | 0.15 | 1.07 | 3.62 | 4.76 | 0.02 | 0.78 | | 26 | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| FW01-418 | 124.513333 | 40.309722 | 156 | 72.89 | 0.09 | 15.27 | | 0.02 | 0.25 | 1.78 | 4.02 | 3.76 | 0.04 | | 1.05 | 26 | |
| FW01-419 | 124.513333 | 40.309722 | 156 | 73.07 | 0.1 | 15.4 | | 0.02 | 0.25 | 1.82 | 4 | 3.9 | 0.04 | | 1.07 | 31 | |
| 15DL29-1 | 121.908333 | 39.341111 | 175 | 65.42 | 0.35 | 17.48 | 4.83 | 0.16 | 0.95 | 4.44 | 4.12 | 1.6 | 0.17 | | | 28 | 1.05 |
| 15DL29-2 | 121.901389 | 39.279722 | 175 | 62.27 | 0.47 | 18.6 | 6.31 | 0.14 | 1.03 | 4.63 | 4.47 | 1.58 | 0.27 | | | 24 | 1.06 |
| 15DL01-1 | 121.754722 | 39.091944 | 175 | 73.65 | 0.1 | 14.62 | 1.09 | 0.01 | 0.17 | 1.63 | 3.9 | 3.98 | 0.01 | | | 24 | 1.07 |
| 15DL10-3 | 121.879444 | 39.198889 | 175 | 72.37 | 0.12 | 15.57 | 0.88 | 0.02 | 0.19 | 1.55 | 4.62 | 4.16 | 0.03 | | | 30 | 1.04 |
| 15DL19-1 | 121.906111 | 39.181667 | 175 | 72.42 | 0.13 | 15.45 | 0.93 | 0.02 | 0.23 | 1.66 | 4.51 | 4.05 | 0.03 | | | 33 | 1.04 |
| 15DL21-2 | 122.239444 | 39.287500 | 175 | 73.59 | 0.11 | 14.87 | 2.08 | 0.02 | 0.18 | 1.67 | 3.97 | 3.88 | 0.01 | | | 33 | 1.12 |
| 15DL29-3 | 121.908333 | 39.341111 | 175 | 71.31 | 0.15 | 15.69 | 0.99 | 0.02 | 0.25 | 1.69 | 4.69 | 4.32 | 0.05 | | | 33 | 1.01 |
| TW01 | 124.163889 | 40.148611 | 162 | 73.26 | 0.13 | 14.71 | 0.15 | 0.01 | 0.23 | 1.26 | 3.81 | 4.93 | 0.06 | 0.9 | | | |
| TW01 | 124.163889 | 40.148611 | 162 | 70.18 | 0.14 | 16.41 | 0.14 | 0.01 | 0.25 | 1.47 | 4.27 | 5.78 | 0.05 | 0.7 | | | |
| TW01 | 124.163889 | 40.148611 | 162 | 73.93 | 0.13 | 14.23 | 0.33 | 0.01 | 0.23 | 1.04 | 3.75 | 4.97 | 0.07 | 0.6 | | | |
| TW01 | 124.163889 | 40.148611 | 162 | 74 | 0.12 | 14.08 | 0.22 | 0.01 | 0.24 | 1.23 | 3.89 | 4.63 | 0.08 | 1.1 | | | |
| TW01 | 124.163889 | 40.148611 | 162 | 74.38 | 0.12 | 14.15 | 0.34 | 0.01 | 0.23 | 1.11 | 3.93 | 4.48 | 0.05 | 0.8 | | | |
| TW02 | 124.191944 | 40.250833 | 157.5 | 72.56 | 0.15 | 14.91 | 0.59 | 0.02 | 0.57 | 1.77 | 3.92 | 3.51 | 0.07 | 0.76 | | | |
| TW02 | 124.191944 | 40.250833 | 157.5 | 71.68 | 0.16 | 15.04 | 0.66 | 0.02 | 0.43 | 1.87 | 4.31 | 4.02 | 0.06 | 0.81 | | | |
| TW02 | 124.191944 | 40.250833 | 157.5 | 72.33 | 0.16 | 15.31 | 0.62 | 0.02 | 0.40 | 1.92 | 4.01 | 3.62 | 0.08 | 1.03 | | | |
| TW02 | 124.191944 | 40.250833 | 157.5 | 72.05 | 0.15 | 15.07 | 0.54 | 0.02 | 0.39 | 1.93 | 4.08 | 3.75 | 0.08 | 0.90 | | | |
| TW02 | 124.191944 | 40.250833 | 157.5 | 72.07 | 0.17 | 15.20 | 0.67 | 0.02 | 0.42 | 1.91 | 4.01 | 3.65 | 0.08 | 1.03 | | | |
| TW03 | 124.195000 | 40.209722 | 169.3 | 73.71 | 0.14 | 14.05 | 0.84 | 0.03 | 0.06 | 0.83 | 4.13 | 4.17 | 0.04 | 0.40 | | | |
| TW03 | 124.195000 | 40.209722 | 169.3 | 73.28 | 0.13 | 14.05 | 0.65 | 0.04 | 0.09 | 1.16 | 4.23 | 3.59 | 0.04 | 0.67 | | | |
| TW03 | 124.195000 | 40.209722 | 169.3 | 73.68 | 0.12 | 13.67 | 0.78 | 0.03 | 0.13 | 1.11 | 4.20 | 3.71 | 0.04 | 0.49 | | | |
| TW03 | 124.195000 | 40.209722 | 169.3 | 73.25 | 0.13 | 14.12 | 0.66 | 0.03 | 0.07 | 1.23 | 4.31 | 3.82 | 0.04 | 0.40 | | | |
| TW03 | 124.195000 | 40.209722 | 169.3 | 73.23 | 0.13 | 14.31 | 0.64 | 0.03 | 0.10 | 1.08 | 3.96 | 3.69 | 0.04 | 0.49 | | | |
| TW04 | 124.200833 | 40.175000 | 158 | 72.04 | 0.16 | 15.73 | 0.96 | 0.02 | 0.45 | 2.15 | 4.50 | 1.45 | 0.06 | 1.19 | | | |
| TW04 | 124.200833 | 40.175000 | 158 | 71.52 | 0.21 | 15.61 | 0.94 | 0.02 | 0.42 | 1.97 | 4.19 | 2.47 | 0.06 | 1.03 | | | |
| TW04 | 124.200833 | 40.175000 | 158 | 72.02 | 0.18 | 15.62 | 1.06 | 0.02 | 0.44 | 1.93 | 4.42 | 1.64 | 0.07 | 0.85 | | | |
| TW04 | 124.200833 | 40.175000 | 158 | 72.93 | 0.19 | 14.48 | 0.83 | 0.01 | 0.44 | 1.86 | 3.96 | 3.21 | 0.06 | 0.94 | | | |
| TW04 | 124.200833 | 40.175000 | 158 | 72.33 | 0.17 | 14.90 | 0.75 | 0.02 | 0.66 | 2.11 | 4.25 | 2.54 | 0.06 | 1.17 | | | |
| P26Zr1 | 123.656960 | 40.361751 | 162.7 | 73.7 | 0.21 | 13.47 | | 0.02 | 0.33 | 0.70 | 3.56 | 4.50 | 0.04 | | 1.32 | 30.00 | 1.12 |
| P26Zr1 | 123.656960 | 40.361751 | 162.7 | 73.52 | 0.18 | 13.88 | | 0.03 | 0.66 | 1.19 | 3.80 | 4.18 | 0.04 | | 1.33 | 46.00 | 1.07 |
| P26Zr1 | 123.656960 | 40.361751 | 162.7 | 72.81 | 0.18 | 14.74 | | 0.03 | 0.21 | 0.90 | 3.88 | 4.38 | 0.03 | | 1.26 | 26.00 | 1.16 |
| P26Zr1 | 123.656960 | 40.361751 | 162.7 | 74.32 | 0.04 | 13.71 | | 0.01 | 0.07 | 0.42 | 3.65 | 5.65 | 0.01 | | 0.56 | 20.00 | 1.06 |
| D809Zr1 | 123.588381 | 40.436495 | 156.9 | 75.2 | 0.11 | 13.60 | | 0.04 | 0.31 | 1.1 | 3.57 | 4.13 | 0.05 | | 1.53 | 31.00 | 1.11 |
| D809Zr1 | 123.588381 | 40.436495 | 156.9 | 75 | 0.16 | 13.40 | | 0.03 | 0.27 | 1.29 | 3.52 | 3.92 | 0.06 | | 1.53 | 26.00 | 1.08 |
| D809Zr1 | 123.588381 | 40.436495 | 156.9 | 76.6 | 0.15 | 12.50 | | 0.04 | 0.31 | 1.33 | 3.44 | 4.02 | 0.03 | | 1.34 | 30.00 | 1.00 |
| D809Zr1 | 123.588381 | 40.436495 | 156.9 | 75.5 | 0.10 | 13.20 | | 0.02 | 0.15 | 1.00 | 3.43 | 4.68 | 0.02 | | 1.20 | 20.00 | 1.05 |
| 03R066 | 122.104850 | 37.151400 | 159 | 61.56 | 0.54 | 17.49 | | 0.08 | 1.59 | 3.25 | 4.59 | 5.05 | 0.32 | | 4.29 | 42.39 | 1.02 |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|-----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|-------|------|-----------------|-------|
| 03R067 | 122.104850 | 37.151400 | 159 | 61.38 | 0.55 | 17.52 | 0.09 | 1.58 | 3.45 | 4.62 | 4.69 | 0.34 | 4.65 | 40.28 | 1.03 | | |
| 03R069 | 122.104850 | 37.151400 | 159 | 61.99 | 0.56 | 16.48 | 0.10 | 1.74 | 3.76 | 4.38 | 4.39 | 0.36 | 4.99 | 40.91 | 0.98 | | |
| 03R74-1 | 122.104850 | 37.151400 | 159 | 60.24 | 0.57 | 17.72 | 0.10 | 1.77 | 3.70 | 4.69 | 4.60 | 0.36 | 4.96 | 41.47 | 1.02 | | |
| 03R75-1 | 122.104850 | 37.151400 | 159 | 61.99 | 0.46 | 17.22 | 0.09 | 1.47 | 3.17 | 4.44 | 5.45 | 0.29 | 4.16 | 41.23 | 1.00 | | |
| 08G33 | 119.916667 | 37.416667 | 159 | 72.2 | 0.18 | 15.1 | 1.34 | 0.02 | 0.25 | 1.71 | 4.81 | 0.04 | | | | | |
| 08G59 | 119.916667 | 36.875000 | 159 | 74.8 | 0.04 | 14 | 0.65 | 0.01 | 0.08 | 0.98 | 4.01 | 0.01 | | | | | |
| 08G40 | 120.191667 | 37.208333 | 158 | 72.3 | 0.15 | 15.2 | 1.14 | 0.02 | 0.2 | 1.64 | 4.78 | 0.03 | | | | | |
| 08G42 | 120.000000 | 37.183333 | 157 | 73.9 | 0.05 | 14.5 | 0.4 | 0.02 | 0.02 | 0.5 | 4.91 | 0.02 | | | | | |
| 15PL02 | 120.729170 | 37.375000 | 158 | 71.2 | 0.27 | 14.87 | 0.03 | 0.39 | 1.78 | 3.83 | 4.16 | 0.07 | 2.27 | 39.3 | 1.06 | | |
| 15PL12 | 120.729170 | 37.375000 | 158 | 72.0 | 0.20 | 15.15 | 0.03 | 0.27 | 1.91 | 4.21 | 3.92 | 0.05 | 1.60 | 38.8 | 1.03 | | |
| 15PL37 | 121.072900 | 37.638800 | 166 | 72.9 | 0.21 | 14.54 | 0.05 | 0.29 | 1.94 | 3.89 | 3.82 | 0.06 | 2.06 | 34.6 | 1.03 | | |
| 15PL38 | 121.072900 | 37.638800 | 166 | 72.1 | 0.24 | 14.58 | 0.03 | 0.24 | 1.71 | 3.68 | 4.42 | 0.05 | 1.92 | 32.0 | 1.04 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 69.72 | 0.17 | 16.62 | 1.45 | 0.05 | 0.3 | 1.63 | 5.42 | 0.05 | | | 1.05 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 75.72 | 0.05 | 13.79 | 0.71 | 0.03 | 0.14 | 1.18 | 4.45 | 0.04 | | | 1.06 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 73.57 | 0.09 | 14.78 | 1.02 | 0.04 | 0.25 | 0.51 | 5.38 | 0.06 | | | 1.06 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 72.79 | 0.16 | 14.68 | 1.68 | 0.06 | 0.37 | 1.51 | 4.73 | 0.06 | | | 1.06 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 68.59 | 0.14 | 17.16 | 1.69 | 0.06 | 0.39 | 2.06 | 6.12 | 0.03 | | | 1.02 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 73.4 | 0.08 | 14.58 | 1.19 | 0.05 | 0.18 | 0.92 | 4.55 | 0.04 | | | 1.1 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 72.06 | 0.11 | 15.7 | 0.7 | 0.05 | 0.31 | 2.2 | 5.07 | 0.07 | | | 1.04 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 76.88 | 0.06 | 13.23 | 1.01 | 0.04 | 0.15 | 1.02 | 4.15 | 0.04 | | | 1.08 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 75.3 | 0.1 | 13.27 | 1.19 | 0.04 | 0.26 | 1.28 | 4.22 | 0.05 | | | 1.06 | | |
| LB-1 | 121.729167 | 41.635000 | 161 | 73.65 | 0.05 | 14.08 | 0.61 | 0.02 | 0.36 | 1.14 | 5.02 | 0.01 | 10.6 | 4.8 | 0.94 | | |
| LB-2 | 121.718333 | 41.645833 | 161 | 75.51 | 0.07 | 14.6 | 0.81 | 0.02 | 0.02 | 1.21 | 4.57 | 0.01 | 4.8 | 11.1 | 1.1 | | |
| LB-3 | 121.697917 | 41.666667 | 161 | 74.45 | 0.08 | 14.99 | 0.91 | 0.04 | 0.06 | 1.28 | 4.93 | 0.02 | 4 | 18 | 1.08 | | |
| LB-4 | 121.677083 | 41.682292 | 161 | 75.61 | 0.09 | 15.26 | 0.89 | 0.03 | 0.02 | 1.27 | 4.49 | 0.03 | 17.6 | 25 | 0.93 | | |
| LB-5 | 121.677083 | 41.682292 | 161 | 74.86 | 0.07 | 14.65 | 0.8 | 0.03 | 0.09 | 1.28 | 4.82 | 0.02 | 21.6 | 31.6 | 1.17 | | |
| LB-15 | 121.666667 | 41.604167 | 161 | 73.09 | 0.1 | 14.34 | 1.16 | 0.02 | 0.12 | 0.96 | 5.54 | 0.03 | 25.5 | 26.8 | 1.05 | | |
| LB-16 | 121.666667 | 41.567917 | 161 | 70.11 | 0.24 | 16.02 | 2.9 | 0.04 | 0.51 | 2.18 | 4.61 | 0.08 | 17.6 | 17.6 | 0.93 | | |
| LB-17 | 121.726667 | 41.561667 | 161 | 72.31 | 0.18 | 15.29 | 1.61 | 0.03 | 0.22 | 2.2 | 4.87 | 0.06 | 25 | 25 | 1.14 | | |
| LB-18 | 121.666667 | 41.510417 | 161 | 70.33 | 0.36 | 16.31 | 2.1 | 0.04 | 0.5 | 1.8 | 4.34 | 0.06 | 21.6 | 31.6 | 1.17 | | |
| BZ09-4 | 121.760467 | 41.677083 | 161 | 73.76 | 0.09 | 15.04 | 1.04 | 0.03 | 0.18 | 1.47 | 5.12 | 0.03 | 25.5 | 25.5 | 1.05 | | |
| BZ09-6 | 121.760467 | 41.677083 | 161 | 73.66 | 0.09 | 15.09 | 1.03 | 0.04 | 0.19 | 1.46 | 5.11 | 0.03 | 26.8 | 26.8 | 1.06 | | |
| FX12-24-1 | 121.908333 | 42.041667 | 172 | 54.53 | 0.82 | 16.21 | 7.91 | 0.12 | 5.49 | 7.64 | 3.54 | 0.17 | 57.9 | 57.9 | 0.75 | | |
| FX12-24-3 | 121.908333 | 42.041667 | 172 | 59.96 | 0.87 | 16.96 | 6.67 | 0.11 | 2.32 | 4.83 | 4.5 | 0.25 | 40.8 | 40.8 | 0.9 | | |
| FX12-24-4 | 121.908333 | 42.041667 | 172 | 60.11 | 0.88 | 17.01 | 6.66 | 0.11 | 2.28 | 4.68 | 4.46 | 0.25 | 40.4 | 40.4 | 0.91 | | |
| FX12-24-6 | 121.908333 | 42.041667 | 172 | 59.79 | 0.88 | 16.98 | 6.68 | 0.11 | 2.36 | 4.55 | 4.46 | 0.25 | 41.2 | 41.2 | 0.92 | | |
| HT09-01 | 121.859500 | 41.944583 | 162 | 64.69 | 0.61 | 16 | 4.8 | 0.07 | 1.83 | 3.67 | 4.65 | 0.25 | 43 | 43 | 0.95 | | |
| HT09-02 | 121.859500 | 41.944583 | 162 | 65.98 | 0.52 | 15.79 | 4.15 | 0.06 | 1.63 | 3.08 | 4.06 | 0.19 | 43.8 | 43.8 | 0.96 | | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg# | A/CNK |
|-----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|------|-------|
| HT09-03 | 121.859500 | 41.944583 | 162 | 66 | 0.53 | 15.89 | 4.18 | 0.06 | 1.63 | 3.1 | 4.15 | 3.8 | 0.23 | | | 43.6 | 0.96 |
| HT09-04 | 121.848958 | 41.947917 | 161 | 55.28 | 0.98 | 18.67 | 7.57 | 0.13 | 3.24 | 4.54 | 5.65 | 2.16 | 0.4 | | | 45.9 | 0.94 |
| HT09-05 | 121.859500 | 41.944583 | 162 | 66.8 | 0.49 | 15.65 | 3.95 | 0.06 | 1.52 | 3.22 | 4.52 | 3 | 0.21 | | | 43.3 | 0.95 |
| HT09-06 | 121.859500 | 41.944583 | 162 | 67.12 | 0.48 | 15.14 | 3.95 | 0.06 | 1.46 | 3.14 | 4.6 | 2.71 | 0.21 | | | 42.3 | 0.93 |
| HT09-07 | 121.859500 | 41.944583 | 162 | 63.71 | 0.68 | 16.53 | 5.28 | 0.07 | 1.92 | 3.97 | 5.09 | 1.92 | 0.28 | | | 41.9 | 0.94 |
| HT09-08 | 121.859500 | 41.944583 | 162 | 66.91 | 0.51 | 15.51 | 4 | 0.06 | 1.5 | 2.99 | 4.02 | 3.84 | 0.21 | | | 42.6 | 0.96 |
| HT09-10 | 121.859500 | 41.944583 | 162 | 68.14 | 0.44 | 15.43 | 3.46 | 0.06 | 1.28 | 2.85 | 4.28 | 3.51 | 0.18 | | | 42.3 | 0.96 |
| HT09-11 | 121.848958 | 41.947917 | 161 | 54.54 | 0.9 | 17.42 | 8.21 | 0.18 | 4.14 | 4.65 | 5.12 | 2.43 | 0.35 | | | 50 | 0.89 |
| HT09-13 | 121.848958 | 41.947917 | 161 | 53.22 | 0.93 | 17.45 | 8.9 | 0.20 | 4.5 | 4.84 | 5.14 | 2.43 | 0.36 | | | 50 | 0.88 |
| HT09-15 | 121.848958 | 41.947917 | 161 | 54.9 | 1.15 | 17.54 | 8.6 | 0.17 | 4.22 | 3.89 | 4.91 | 3.14 | 0.46 | | | 49.3 | 0.95 |
| HS09-01 | 121.908333 | 42.041667 | 168 | 74.32 | 0.17 | 14.03 | 1.14 | 0.04 | 0.34 | 1.21 | 3.64 | 4.8 | 0.04 | | | 37.1 | 1.05 |
| HS09-02-1 | 121.908333 | 42.041667 | 168 | 76.65 | 0.09 | 13.15 | 0.68 | 0.05 | 0.09 | 0.63 | 3.85 | 4.72 | 0.01 | | | 20.8 | 1.04 |
| HS09-2/2 | 121.908333 | 42.041667 | 168 | 75.88 | 0.09 | 13.42 | 0.63 | 0.04 | 0.07 | 0.65 | 4.12 | 4.8 | 0.01 | | | 18 | 1.02 |
| HS09-11 | 121.911458 | 41.978333 | 164 | 71.48 | 0.25 | 14.52 | 2.4 | 0.07 | 0.53 | 1.68 | 4.51 | 3.76 | 0.12 | | | 30.4 | 1.01 |
| FX04-41 | 121.877604 | 42.043333 | 158 | 73.12 | 0.3 | 14.5 | 1.9 | 0.07 | 0.79 | 1.87 | 3.76 | 3.15 | 0.08 | | | 49.2 | 1.11 |
| HS09-4 | 121.911458 | 41.978333 | 164 | 76.28 | 0.07 | 13.17 | 0.59 | 0.03 | 0.08 | 0.71 | 4.42 | 4.32 | 0.01 | | | 21.2 | 1 |
| HS09-5 | 121.911458 | 41.978333 | 164 | 76.37 | 0.06 | 13.32 | 0.52 | 0.03 | 0.07 | 0.57 | 4.35 | 4.53 | 0.01 | | | 21.1 | 1.02 |
| HS09-17 | 121.911458 | 41.978333 | 164 | 75.98 | 0.1 | 13.46 | 0.74 | 0.06 | 0.15 | 0.88 | 4.37 | 3.93 | 0.03 | | | 28.6 | 1.03 |
| HS09-18 | 121.911458 | 41.978333 | 164 | 76.09 | 0.12 | 13.41 | 0.94 | 0.08 | 0.21 | 0.88 | 4.38 | 3.63 | 0.03 | | | 30.7 | 1.05 |
| HS09-19 | 121.911458 | 41.978333 | 164 | 74.84 | 0.14 | 13.85 | 1.1 | 0.09 | 0.24 | 0.88 | 4.48 | 3.95 | 0.03 | | | 30.2 | 1.05 |
| FX04-2 | 121.877604 | 42.043333 | 158 | 71.6 | 0.23 | 15.37 | 1.77 | 0.05 | 0.32 | 1.87 | 4.59 | 3.24 | 0.09 | | | 28.5 | 1.07 |
| FX04-3 | 121.877604 | 42.043333 | 158 | 70.5 | 0.23 | 15.15 | 1.86 | 0.04 | 0.71 | 1.25 | 4.16 | 4.04 | 0.09 | | | 45.7 | 1.13 |
| FX04-4 | 121.877604 | 42.043333 | 158 | 70.96 | 0.39 | 15.39 | 3.05 | 0.05 | 0.36 | 2.68 | 4.24 | 3.05 | 0.17 | | | 20.6 | 1.02 |
| FX04-5 | 121.877604 | 42.043333 | 158 | 66.5 | 0.49 | 15.06 | 4.09 | 0.06 | 1.45 | 3.03 | 4.43 | 3.7 | 0.16 | | | 43.8 | 0.9 |
| FX04-16 | 121.877604 | 42.043333 | 158 | 71.62 | 0.23 | 14.95 | 2.31 | 0.06 | 0.77 | 1.79 | 4.11 | 3.12 | 0.11 | | | 42.3 | 1.12 |
| FX04-44 | 121.877604 | 42.043333 | 158 | 72.67 | 0.2 | 14.68 | 1.74 | 0.04 | 0.4 | 1.69 | 4.22 | 4.05 | 0.09 | | | 33.6 | 1.02 |
| YX-04 | 120.387500 | 40.790000 | 182.5 | 61.5 | 0.67 | 15.86 | | 0.09 | 2.16 | 4.09 | 4.65 | 3.37 | 0.43 | 5.46 | | 41.3 | |
| YX-06 | 120.412778 | 40.923611 | 181.9 | 65.47 | 0.41 | 15.29 | | 0.08 | 1.66 | 2 | 3.46 | 4.34 | 0.19 | 3.38 | | 46.7 | |
| YX-07 | 120.447222 | 40.936389 | 178.6 | 71.39 | 0.28 | 14.41 | | 0.06 | 0.4 | 0.63 | 4.35 | 5 | 0.1 | 2.44 | | 22.5 | |
| STTW-03 | 120.635000 | 40.670833 | 160 | 63.02 | 0.62 | 16.92 | | 0.06 | 2.08 | 2.93 | 4.35 | 3.41 | 0.23 | 4.11 | | 47.4 | |
| S7035 | 120.754722 | 40.701111 | 157.1 | 59.62 | 0.79 | 17.31 | | 0.08 | 2.31 | 2.16 | 4.45 | 3.21 | 0.37 | 8.20 | | 41.1 | |
| B3-JBG | 118.668941 | 40.734167 | 169.9 | 70.25 | 0.2 | 14.9 | 0.45 | 0.06 | 0.47 | 0.87 | 1.79 | 6.23 | 0.07 | | | | |
| B5-JBG | 118.670434 | 40.733778 | 169.9 | 76.88 | 0.07 | 13.23 | 0.15 | 0.03 | 0.18 | 0.07 | 1.37 | 5.65 | 0.01 | | | | |
| B9-JBG | 118.669678 | 40.732870 | 170.4 | 74.92 | 0.1 | 13.95 | 0.52 | 0.05 | 0.19 | 0.27 | 4.07 | 4.53 | 0.02 | | | | |
| B106-JBG | 118.668194 | 40.734306 | 169.9 | 72.08 | 0.19 | 13.74 | 1.27 | 0.06 | 0.45 | 1.06 | 1.65 | 5.79 | 0.07 | | | | |
| B107-JBG | 118.669688 | 40.734165 | 169.9 | 67.33 | 0.21 | 14.14 | 2.69 | 0.23 | 0.48 | 0.96 | 0.02 | 7.07 | 0.07 | | | | |
| B110-JBG | 118.669678 | 40.733330 | 170.4 | 70.04 | 0.21 | 14.24 | 1.67 | 0.05 | 0.47 | 0.38 | 2.53 | 5.45 | 0.07 | | | | |
| B115-JBG | 118.668568 | 40.732407 | 170.4 | 65.4 | 0.34 | 15.05 | 3.15 | 0.42 | 0.97 | 1.33 | 0.01 | 5.15 | 0.16 | | | | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|---------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| 08LX12 | 117.750000 | 35.400000 | 184.7 | 62.8 | 0.33 | 18.0 | 4.02 | 0.09 | 0.90 | 4.36 | 5.59 | 2.48 | 0.14 | | | 30.7 | 0.91 |
| 08LX13 | 117.750000 | 35.400000 | 184.7 | 64.1 | 0.30 | 17.8 | 3.78 | 0.08 | 0.75 | 4.15 | 5.46 | 2.63 | 0.15 | | | 28.2 | 0.92 |
| 08LX14 | 117.750000 | 35.400000 | 184.7 | 63.4 | 0.32 | 17.8 | 3.98 | 0.12 | 0.78 | 3.77 | 5.54 | 2.58 | 0.14 | | | 27.9 | 0.95 |
| 08LX15 | 117.750000 | 35.400000 | 184.7 | 63.3 | 0.33 | 18.0 | 3.93 | 0.08 | 0.77 | 3.82 | 5.49 | 2.64 | 0.14 | | | 28.0 | 0.95 |
| 08LX16 | 117.750000 | 35.400000 | 184.7 | 63.5 | 0.38 | 17.5 | 4.16 | 0.09 | 0.97 | 3.87 | 5.61 | 2.44 | 0.17 | | | 31.6 | 0.93 |
| 08LX17 | 117.780000 | 35.350000 | 181.5 | 65.6 | 0.23 | 17.8 | 2.74 | 0.10 | 0.48 | 1.74 | 6.35 | 2.93 | 0.10 | | | 25.7 | 1.06 |
| 08LX18 | 117.780000 | 35.350000 | 181.5 | 65.8 | 0.25 | 17.7 | 2.74 | 0.12 | 0.46 | 2.06 | 6.01 | 3.19 | 0.11 | | | 24.9 | 1.03 |
| 08LX19 | 117.780000 | 35.350000 | 181.5 | 62.4 | 0.33 | 17.6 | 3.80 | 0.15 | 0.72 | 3.89 | 5.49 | 2.97 | 0.15 | | | 27.3 | 0.91 |
| 08LX28 | 117.780000 | 35.350000 | 181.5 | 63.6 | 0.30 | 17.4 | 3.33 | 0.11 | 0.64 | 2.95 | 6.08 | 3.75 | 0.13 | | | 27.6 | 0.9 |
| 08LX30 | 117.780000 | 35.350000 | 181.5 | 62.7 | 0.28 | 17.0 | 3.18 | 0.11 | 0.68 | 3.26 | 6.03 | 2.67 | 0.12 | | | 29.7 | 0.91 |
| 08LX32 | 117.780000 | 35.350000 | 181.5 | 63.0 | 0.27 | 17.1 | 3.12 | 0.11 | 0.61 | 3.94 | 4.62 | 2.81 | 0.11 | | | 27.9 | 0.96 |
| 08LX41 | 117.780000 | 35.350000 | 181.5 | 64.2 | 0.29 | 17.6 | 3.35 | 0.12 | 0.71 | 2.91 | 6.23 | 2.70 | 0.12 | | | 29.5 | 0.95 |
| 08LX44 | 117.780000 | 35.350000 | 181.5 | 62.6 | 0.38 | 18.4 | 4.19 | 0.14 | 0.98 | 2.46 | 6.28 | 3.62 | 0.18 | | | 31.7 | 0.98 |
| 08LX21 | 117.760000 | 35.370000 | 181.5 | 61.2 | 0.48 | 19.2 | 4.02 | 0.15 | 0.15 | 0.62 | 6.15 | 6.22 | 0.28 | | | 6.9 | 1.07 |
| 08LX37 | 117.760000 | 35.370000 | 181.5 | 60.6 | 0.30 | 20.3 | 2.84 | 0.11 | 0.25 | 0.27 | 4.05 | 9.12 | 0.11 | | | 14.8 | 1.19 |
| 08LX39 | 117.760000 | 35.370000 | 181.5 | 60.8 | 0.26 | 19.0 | 2.65 | 0.10 | 0.14 | 0.15 | 0.68 | 14.2 | 0.09 | | | 9.5 | 1.13 |
| 08LX22 | 117.740000 | 35.340000 | 180.1 | 60.3 | 0.20 | 21.6 | 1.21 | 0.01 | 0.34 | 0.21 | 2.14 | 11.6 | 0.07 | | | 35.7 | 1.31 |
| 08LX25 | 117.740000 | 35.340000 | 180.1 | 61.0 | 0.42 | 18.9 | 4.20 | 0.10 | 0.63 | 0.65 | 5.84 | 6.92 | 0.18 | | | 22.9 | 1.04 |
| 08LX36 | 117.740000 | 35.340000 | 180.1 | 63.8 | 0.13 | 20.1 | 1.77 | 0.12 | 0.09 | 0.18 | 6.34 | 7.00 | 0.03 | | | 9.1 | 1.10 |
| 08LX40 | 117.740000 | 35.340000 | 180.1 | 63.0 | 0.12 | 20.1 | 0.92 | 0.03 | 0.13 | 0.11 | 2.64 | 11.5 | 0.03 | | | 21.9 | 1.19 |
| 08LX27 | 117.760000 | 35.360000 | 180.5 | 62.3 | 0.12 | 20.0 | 0.97 | 0.01 | 0.12 | 0.07 | 2.25 | 12.0 | 0.03 | | | 19.6 | 1.19 |
| 08LX34 | 117.760000 | 35.360000 | 180.5 | 61.4 | 0.08 | 19.9 | 1.20 | 0.03 | 0.10 | 0.08 | 0.68 | 14.8 | 0.02 | | | 14.2 | 1.15 |
| 08LX35 | 117.760000 | 35.360000 | 180.5 | 62.7 | 0.12 | 19.6 | 1.37 | 0.04 | 0.05 | 0.26 | 3.57 | 11.1 | 0.10 | | | 6.8 | 1.07 |
| 08LX38 | 117.760000 | 35.360000 | 180.5 | 61.9 | 0.08 | 20.6 | 0.83 | 0.01 | 0.06 | 0.03 | 0.43 | 15.0 | 0.02 | | | 12.6 | 1.21 |
| TW006 | 124.258333 | 40.110000 | 123.3 | 67.41 | 0.51 | 14.82 | 0.6 | 0.04 | 1.74 | 2.94 | 3.25 | 4.19 | 0.15 | 2.83 | | | 0.973 |
| TW006 | 124.258333 | 40.110000 | 123.3 | 68.46 | 0.47 | 15.01 | 0.55 | 0.04 | 1.5 | 2.96 | 3.32 | 4.33 | 0.13 | 2.61 | | | 0.966 |
| TW006 | 124.258333 | 40.110000 | 123.3 | 69.26 | 0.45 | 14.42 | 0.38 | 0.04 | 1.42 | 2.58 | 3.14 | 4.24 | 0.11 | 2.65 | | | 0.999 |
| TW006 | 124.258333 | 40.110000 | 123.3 | 67.09 | 0.49 | 15.26 | 0.66 | 0.04 | 1.54 | 3 | 3.33 | 4.81 | 0.15 | 2.74 | | | 0.945 |
| TW006 | 124.258333 | 40.110000 | 123.3 | 67.51 | 0.48 | 15.02 | 0.61 | 0.04 | 1.51 | 2.73 | 3.28 | 4.86 | 0.13 | 2.79 | | | 0.962 |
| T17-1 | 124.265833 | 40.136667 | 122.7 | 72 | 0.19 | 14.97 | 0.48 | 0.02 | 0.51 | 1.62 | 3.59 | 4.44 | 0.089 | 1.08 | | | 1.096 |
| TW005 | 124.265833 | 40.136667 | 122.7 | 73.5 | 0.21 | 14.23 | 0.59 | 0.02 | 0.54 | 1.58 | 3.49 | 4.06 | 0.14 | 1.03 | | | 1.094 |
| | 124.265833 | 40.136667 | 122.7 | 72.6 | 0.21 | 14.58 | 0.42 | 0.02 | 0.57 | 1.75 | 3.61 | 3.77 | 0.2 | 1.17 | | | 1.103 |
| | 124.265833 | 40.136667 | 122.7 | 73.09 | 0.2 | 14.56 | 0.54 | 0.02 | 0.51 | 1.51 | 3.46 | 4.48 | 0.087 | 1.03 | | | 1.095 |
| | 124.265833 | 40.136667 | 122.7 | 73.06 | 0.2 | 14.38 | 0.52 | 0.02 | 0.53 | 1.43 | 3.18 | 4.74 | 0.086 | 1.17 | | | 1.11 |
| LTG-TY1 | 123.112500 | 40.191667 | 122.37 | 68.46 | 0.58 | 14.84 | 0.82 | 0.05 | 1.38 | 2.25 | 3.64 | 4.39 | 0.13 | 1.99 | | 47 | 1 |
| LTG-TY2 | 123.039444 | 40.175833 | 122.37 | 75.16 | 0.16 | 13.19 | 0.28 | 0.03 | 0.28 | 0.78 | 3.6 | 4.57 | 0.04 | 0.74 | | 34 | 1.07 |
| LTG-TY3 | 123.028333 | 40.229444 | 122.37 | 72.54 | 0.27 | 14.2 | 1.86 | 0.05 | 0.28 | 0.8 | 4.19 | 4.18 | 0.08 | 0.35 | | 20 | 1.1 |
| LTG-TY4 | 123.007500 | 40.238333 | 122.37 | 73.96 | 0.17 | 13.2 | 1.15 | 0.05 | 0.39 | 1.07 | 3.96 | 4 | 0.48 | 0.71 | | 29 | 1.03 |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|---------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| LQG-TY1 | 123.522222 | 40.377778 | 124.37 | 67.86 | 0.53 | 14.04 | 1.64 | 0.06 | 2.25 | 2.65 | 3.26 | 3.87 | 0.14 | 1.93 | | 54 | 0.98 |
| LQG-TY2 | 123.562500 | 40.381944 | 124.37 | 68.5 | 0.5 | 13.32 | 1.06 | 0.05 | 2.08 | 2.71 | 3.98 | 4.15 | 0.14 | 1.96 | | 56 | 0.83 |
| HG-TY1 | 124.688889 | 42.513333 | 117 | 73.82 | 0.14 | 13.72 | 1.21 | 0.04 | 0.28 | 0.19 | 2.6 | 5.67 | 0.02 | 0.58 | | | 1.28 |
| HG-TY2 | 124.736111 | 42.511944 | 117 | 69.53 | 0.46 | 15.08 | 2.56 | 0.07 | 0.95 | 0.2 | 3.08 | 4.06 | 0.07 | 0.77 | | | 1.54 |
| HG-N1 | 124.708333 | 42.511111 | 117 | 75.63 | 0.13 | 12.3 | 1.53 | 0.04 | 0.53 | 0.05 | 3.3 | 4.31 | 0.02 | 0.71 | | | 1.21 |
| HDN-1 | 123.666667 | 40.513889 | 139 | 69.5 | 0.29 | 14.95 | | 0.07 | 0.84 | 2.11 | 4.09 | 4.35 | 0.1 | 3.14 | 3.14 | 34.6 | 0.98 |
| HDN-1 | 123.666667 | 40.513889 | 139 | 62.6 | 0.55 | 17.8 | | 0.06 | 1.35 | 3.49 | 4.44 | 3.89 | 0.18 | 4.59 | 4.59 | 36.8 | 0.99 |
| HDN-1 | 123.666667 | 40.513889 | 139 | 70.8 | 0.26 | 14.4 | | 0.05 | 0.77 | 2.07 | 3.87 | 4.19 | 0.08 | 2.58 | 2.58 | 37.2 | 0.98 |
| HDN-1 | 123.666667 | 40.513889 | 139 | 69.3 | 0.27 | 15.35 | | 0.05 | 0.79 | 2.64 | 4.13 | 3.59 | 0.08 | 2.67 | 2.67 | 36.9 | 0.99 |
| HDN-1 | 123.666667 | 40.513889 | 139 | 64.1 | 0.42 | 17.25 | | 0.06 | 0.91 | 2.6 | 4.62 | 4.23 | 0.13 | 3.71 | 3.71 | 32.7 | 1.02 |
| DWN-1 | 123.681389 | 40.505556 | 136.9 | 76.5 | 0.05 | 12.65 | | 0.06 | 0.05 | 0.52 | 3.88 | 4.59 | 0.01 | 1.10 | 1.10 | 8.26 | 1.03 |
| DWN-1 | 123.681389 | 40.505556 | 136.9 | 75.7 | 0.05 | 12.5 | | 0.05 | 0.07 | 0.37 | 3.69 | 4.68 | 0.01 | 1.08 | 1.08 | 11.38 | 1.06 |
| DWN-1 | 123.681389 | 40.505556 | 136.9 | 76.3 | 0.05 | 12.6 | | 0.03 | 0.05 | 0.31 | 3.78 | 4.72 | 0.91 | 1.07 | 1.07 | 8.47 | 1.06 |
| DWN-1 | 123.681389 | 40.505556 | 136.9 | 76.9 | 0.05 | 12.5 | | 0.06 | 0.05 | 0.48 | 3.86 | 4.56 | 0.01 | 1.09 | 1.09 | 8.33 | 1.03 |
| ND015-1 | 124.334444 | 41.045833 | 126.4 | 73.43 | 0.21 | 12.93 | 1.74 | 0.07 | 0.16 | 0.69 | 4.02 | 4.51 | 0.02 | 1.13 | | 20.15 | 1.12 |
| ND015-1 | 124.334444 | 41.045833 | 126.4 | 76.44 | 0.11 | 12.45 | 1.51 | 0.04 | 0.19 | 0.13 | 4.05 | 4.12 | 0.01 | 0.29 | | 53.87 | 1.02 |
| ND015-1 | 124.334444 | 41.045833 | 126.4 | 73.08 | 0.26 | 13.19 | 1.65 | 0.13 | 0.15 | 0.28 | 4.1 | 4.62 | 0.42 | 0.7 | | 43.16 | 1.08 |
| ND015-1 | 124.334444 | 41.045833 | 126.4 | 73.4 | 0.22 | 13.61 | 2.22 | 0.07 | 0.23 | 0.26 | 4.14 | 4.74 | 0.26 | 0.68 | | 37.61 | 1.1 |
| NP52 | 124.346389 | 41.056111 | 125.7 | 70.64 | 0.44 | 14.13 | 1.42 | 0.12 | 0.67 | 1.03 | 4.93 | 4.18 | 0.1 | 1.77 | | 40.29 | 0.97 |
| NP52 | 124.346389 | 41.056111 | 125.7 | 71.84 | 0.38 | 14.7 | 2.46 | 0.07 | 0.46 | 0.38 | 4.88 | 4.59 | 0.09 | 0.39 | | 67.77 | 1.07 |
| NP52 | 124.346389 | 41.056111 | 125.7 | 71.6 | 0.47 | 12.75 | 2.1 | 0.12 | 0.84 | 1.5 | 3.97 | 3.89 | 0.12 | 1.8 | | 45.41 | 0.95 |
| NP52 | 124.346389 | 41.056111 | 125.7 | 70.74 | 0.42 | 13.9 | 2.33 | 0.09 | 0.5 | 0.7 | 4.77 | 4.58 | 0.12 | 0.82 | | 52.08 | 0.99 |
| NJC-5 | 124.445000 | 41.148333 | 127.1 | 71.24 | 0.27 | 14.55 | 2.43 | 0.06 | 0.4 | 0.77 | 4.56 | 5 | 0.08 | 1.07 | | 39.99 | 1.02 |
| NJC-5 | 124.445000 | 41.148333 | 127.1 | 71.29 | 0.28 | 14.55 | 2.54 | 0.07 | 0.36 | 0.6 | 4.65 | 4.74 | 0.08 | 1.02 | | 38.62 | 1.05 |
| NJC-5 | 124.445000 | 41.148333 | 127.1 | 73.1 | 0.15 | 14.26 | 1.79 | 0.05 | 0.03 | 0.22 | 4.63 | 5.11 | 0.01 | 0.41 | | 11.54 | 1.05 |
| NJC-5 | 124.445000 | 41.148333 | 127.1 | 72.22 | 0.18 | 14.34 | 2.03 | 0.05 | 0.06 | 0.28 | 4.61 | 5.15 | 0.03 | 0.53 | | 16.79 | 1.05 |
| NJC-5 | 124.445000 | 41.148333 | 127.1 | 73.46 | 0.12 | 13.99 | 1.86 | 0.04 | 0.08 | 0.17 | 4.78 | 4.95 | 0.01 | 0.84 | | 14.51 | 1.03 |
| NFC-1 | 124.047500 | 40.409722 | 125.6 | 75.06 | 0.07 | 13.06 | 1.85 | 0.07 | 0.04 | 0.17 | 4.49 | 4.65 | | 0.93 | | 1.12 | 1.03 |
| NFC-1 | 124.047500 | 40.409722 | 125.6 | 75.51 | 0.1 | 12.8 | 1.99 | 0.07 | 0.07 | 0.28 | 4.57 | 4.49 | | 1.06 | | 10.53 | 0.99 |
| NFC-1 | 124.047500 | 40.409722 | 125.6 | 76.25 | 0.06 | 12.91 | 1.59 | 0.06 | 0.05 | 0.15 | 4.51 | 4.53 | | 0.66 | | 11.9 | 1.02 |
| NFC-1 | 124.047500 | 40.409722 | 125.6 | 75.39 | 0.08 | 12.78 | 1.86 | 0.07 | 0.06 | 0.27 | 4.6 | 4.52 | | 1.08 | | 9.01 | 0.99 |
| NFC-1 | 124.047500 | 40.409722 | 125.6 | 75.93 | 0.07 | 12.94 | 1.83 | 0.07 | 0.05 | 0.19 | 4.63 | 4.58 | | 0.94 | | 8.66 | 1 |
| NP51 | 124.211667 | 40.696667 | 120 | 70.26 | 0.41 | 14.95 | 1 | 0.07 | 0.83 | 0.47 | 4.16 | 4.2 | | 1.71 | | 46.39 | 1.22 |
| NP51 | 124.211667 | 40.696667 | 120 | 76.44 | 0.08 | 12.65 | 1.27 | 0.10 | 0.14 | 0.14 | 4.36 | 4.35 | | 0.26 | | 48.98 | 1.04 |
| NP51 | 124.211667 | 40.696667 | 120 | 72.6 | 0.14 | 14.33 | 1.66 | 0.10 | 0.13 | 0.21 | 4.3 | 5.02 | | 0.16 | | 59.16 | 1.11 |
| NP51 | 124.211667 | 40.696667 | 120 | 72.63 | 0.14 | 14.82 | 1.29 | 0.09 | 0.2 | 0.21 | 4.59 | 4.68 | | 0.24 | | 59.77 | 1.14 |
| NYD-10 | 125.040000 | 40.786389 | 128.6 | 72.64 | 0.31 | 12.49 | 4.26 | 0.03 | 0.12 | 0.28 | 2.8 | 5.24 | 0.03 | 0.92 | | 18.86 | 1.16 |
| NYD-10 | 125.040000 | 40.786389 | 128.6 | 73.54 | 0.26 | 12.22 | 4.85 | 0.04 | 0.08 | 0.28 | 3.05 | 5.12 | 0.01 | 2.05 | | 6.5 | 1.1 |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| NYD-10 | 125.040000 | 40.786389 | 128.6 | 73.51 | 0.32 | 12.78 | 4.54 | 0.04 | 0.08 | 1.2 | 4.16 | 2.57 | 0.02 | 1.31 | | 9.82 | 1.08 |
| NYD-10 | 125.040000 | 40.786389 | 128.6 | 72.2 | 0.32 | 12.74 | 4.56 | 0.07 | 0.11 | 1.37 | 2.99 | 5.04 | 0.03 | 2.12 | | 8.46 | 0.99 |
| NYD-10 | 125.040000 | 40.786389 | 128.6 | 74.28 | 0.28 | 12.55 | 3.11 | 0.05 | 0.44 | 0.14 | 2.56 | 5.35 | 0.03 | 1.41 | | 35.74 | 1.22 |
| T10-1 | 124.208611 | 40.764722 | 123.1 | 72.38 | 0.16 | 14.17 | 2.2 | 0.06 | 0.15 | 0.28 | 3.84 | 5.76 | 0.03 | 0.66 | | | 1.09 |
| T10-1 | 124.208611 | 40.764722 | 123.1 | 73.42 | 0.14 | 13.68 | 1.85 | 0.06 | 0.28 | 0.32 | 4.08 | 4.94 | 0.03 | 0.86 | | | 1.08 |
| T10-1 | 124.208611 | 40.764722 | 123.1 | 72.77 | 0.17 | 13.9 | 2.32 | 0.08 | 0.21 | 0.34 | 4.01 | 5.16 | 0.04 | 0.79 | | | 1.09 |
| T11-1 | 124.133056 | 40.694167 | 123.1 | 72.24 | 0.18 | 13.81 | 2.46 | 0.09 | 0.33 | 0.42 | 4.26 | 5.28 | 0.04 | 1.27 | | | 1.02 |
| T11-1 | 124.133056 | 40.694167 | 123.1 | 71.81 | 0.24 | 14.06 | 3.05 | 0.08 | 0.37 | 0.28 | 3.64 | 5.14 | 0.02 | 1.4 | | | 1.17 |
| T11-1 | 124.133056 | 40.694167 | 123.1 | 66.41 | 0.64 | 15.49 | 4.68 | 0.09 | 0.99 | 0.99 | 4.23 | 4.8 | 0.19 | 2.25 | | | 1.11 |
| T12-2 | 124.041667 | 40.708333 | 123.1 | 65.65 | 0.64 | 15.22 | 6.31 | 0.03 | 1.83 | 0.33 | 3.64 | 3.52 | 0.13 | 2.91 | | | 1.46 |
| T12-2 | 124.041667 | 40.708333 | 123.1 | 73.62 | 0.15 | 13.4 | 2.4 | 0.07 | 0.22 | 0.3 | 4.05 | 5.19 | 0.01 | 1.4 | | | 1.05 |
| FW01-57 | 121.838611 | 39.195833 | 130 | 73.09 | 0.08 | 15.19 | 0.02 | 0.02 | 0.21 | 1.38 | 5.21 | 3.66 | 0.02 | | 0.53 | 43.98 | 1.01 |
| SL0585 | 122.015833 | 39.513611 | 126 | 66.9 | 0.49 | 15.44 | 0.03 | 0.03 | 1.02 | 2.03 | 4.08 | 3.62 | 0.2 | | 2.95 | 40.66 | 1.08 |
| SL0585 | 122.015833 | 39.513611 | 126 | 67.4 | 0.52 | 15.43 | 0.02 | 0.02 | 1.06 | 1.52 | 5.05 | 3.73 | 0.2 | | 2.97 | 41.42 | 1.02 |
| SL0585 | 122.015833 | 39.513611 | 126 | 67.24 | 0.49 | 15.04 | 0.04 | 0.04 | 1.21 | 1.95 | 4.75 | 3.62 | 0.19 | | 3.08 | 43.77 | 0.98 |
| SL0585 | 122.015833 | 39.513611 | 126 | 67.66 | 0.51 | 15.36 | 0.03 | 0.03 | 0.98 | 1.28 | 5.17 | 3.71 | 0.19 | | 2.97 | 39.53 | 1.03 |
| SL0694 | 122.254722 | 39.557778 | 116 | 71.54 | 0.37 | 14.35 | 0.03 | 0.03 | 0.44 | 1.74 | 3.63 | 4.57 | 0.08 | | 2.23 | 28.11 | 1.02 |
| SK14-1 | 122.165833 | 39.354167 | 120 | 69.88 | 0.4 | 15.17 | 0.03 | 0.03 | 0.65 | 2.05 | 3.8 | 4.55 | 0.12 | | 2.29 | 35.99 | 1.02 |
| SL0536 | 122.221389 | 39.631111 | 113 | 66.85 | 0.46 | 15.06 | 0.04 | 0.04 | 0.12 | 2.07 | 3.77 | 4.64 | 0.21 | | 3.38 | 6.57 | 1.01 |
| 15DA04-1 | 123.250833 | 39.991111 | 122 | 69.17 | 0.57 | 15.06 | 2.95 | 0.04 | 0.71 | 2.46 | 3.59 | 4.09 | 0.13 | | | 32 | 1.02 |
| 15DA29-1 | 123.076667 | 39.929167 | 122 | 68.81 | 0.44 | 14.75 | 3.09 | 0.05 | 1.33 | 2.71 | 3.42 | 4.25 | 0.11 | | | 46 | 0.97 |
| 15DA33-1 | 123.256667 | 39.974167 | 122 | 72.01 | 0.33 | 14.09 | 2.55 | 0.04 | 0.3 | 1.3 | 3.6 | 4.85 | 0.07 | | | 19 | 1.04 |
| 15DA37-1 | 123.327778 | 39.958611 | 122 | 72.67 | 0.32 | 14.34 | 1.87 | 0.03 | 0.2 | 1.18 | 3.25 | 4.96 | 0.07 | | | 17 | 1.12 |
| 15DA44-1 | 123.453611 | 40.044722 | 122 | 72.31 | 0.26 | 14.24 | 1.82 | 0.02 | 0.25 | 1.32 | 3.21 | 4.59 | 0.08 | | | 21 | 1.13 |
| 15DA45-1 | 123.450556 | 40.029722 | 123 | 73.14 | 0.28 | 14.1 | 1.91 | 0.02 | 0.2 | 1.25 | 2.91 | 5.16 | 0.06 | | | 17 | 1.12 |
| 15DA03-1 | 123.393611 | 40.049444 | 121 | 71.61 | 0.32 | 14.53 | 2 | 0.03 | 0.36 | 1.69 | 3.52 | 4.76 | 0.08 | | | 26 | 1.04 |
| 15DA30-1 | 123.146944 | 39.928611 | 122 | 71.22 | 0.22 | 15.57 | 1.87 | 0.04 | 0.28 | 2.32 | 3.52 | 3.48 | 0.05 | | | 23 | 1.04 |
| 15DA31-1 | 123.173889 | 39.922778 | 122 | 72.62 | 0.17 | 15.24 | 1.4 | 0.04 | 0.13 | 1.79 | 4.26 | 3.69 | 0.03 | | | 16 | 1.07 |
| 15DA36-1 | 123.331389 | 39.944444 | 122 | 73.04 | 0.1 | 15.02 | 0.99 | 0.02 | 0.16 | 1.6 | 3.52 | 4.75 | 0.06 | | | 24 | 1.09 |
| 15DA39-1 | 123.345556 | 40.013611 | 122 | 75.92 | 0.24 | 12.55 | 1.44 | 0.03 | 0.2 | 1.06 | 2.99 | 4.13 | 0.05 | | | 22 | 1.11 |
| 15DA41-1 | 123.304722 | 40.031944 | 122 | 70.38 | 0.21 | 15.53 | 1.74 | 0.05 | 0.15 | 1.82 | 4.12 | 4.09 | 0.06 | | | 15 | 1.07 |
| 15DA43-1 | 123.445000 | 40.084722 | 122 | 72.83 | 0.17 | 14.39 | 1.57 | 0.01 | 0.33 | 1.21 | 3.97 | 3.29 | 0.03 | | | 29 | 1.17 |
| SGL9 | 124.270000 | 40.109375 | 126 | 56.73 | 0.56 | 15.02 | 6.52 | 0.11 | 7.28 | 6.51 | 3.28 | 1.91 | 0.12 | | | 68.9 | |
| SGL37 | 124.229167 | 40.130525 | 126 | 58.03 | 0.87 | 17.62 | 6.79 | 0.13 | 3.04 | 6.15 | 3.78 | 2.51 | 0.29 | | | 47 | |
| WL1 | 124.200000 | 40.161458 | 126 | 57.26 | 0.86 | 16.32 | 6.55 | 0.10 | 5.17 | 5.46 | 3.47 | 2.5 | 0.28 | | | 61 | |
| WL2 | 124.200000 | 40.161458 | 126 | 58.92 | 0.8 | 16.74 | 6.14 | 0.09 | 3.98 | 5.64 | 3.48 | 2.86 | 0.21 | | | 56.3 | |
| WL3 | 124.186667 | 40.152778 | 127 | 56.51 | 0.78 | 15.9 | 7.23 | 0.10 | 5.95 | 6.53 | 2.89 | 2.26 | 0.18 | | | 62 | |
| WL4 | 124.186667 | 40.152778 | 127 | 55.52 | 0.82 | 16.2 | 7.43 | 0.11 | 6.04 | 6.72 | 2.87 | 2.03 | 0.18 | | | 61.7 | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|-----|------|-----------------|-------|
| WL5 | 124.186667 | 40.152778 | 127 | 56.58 | 0.75 | 16 | 7.29 | 0.11 | 5.78 | 6.79 | 2.68 | 1.81 | 0.18 | | | 61.1 | |
| WL6 | 124.186667 | 40.152778 | 127 | 56.81 | 0.81 | 15.69 | 6.98 | 0.10 | 5.86 | 6.35 | 3.14 | 2.27 | 0.22 | | | 62.4 | |
| WL7 | 124.186667 | 40.152778 | 127 | 56.37 | 0.78 | 15.79 | 7.36 | 0.11 | 6.35 | 6.09 | 2.73 | 2.62 | 0.17 | | | 63.1 | |
| WL8 | 124.186667 | 40.152778 | 127 | 58.43 | 0.73 | 16.02 | 5.93 | 0.08 | 5.27 | 5.85 | 3.52 | 2.49 | 0.19 | | | 63.8 | |
| WL9 | 124.186667 | 40.152778 | 127 | 55.91 | 0.79 | 16.08 | 7.14 | 0.10 | 5.97 | 6.31 | 3.25 | 1.88 | 0.16 | | | 62.4 | |
| WL10 | 124.187167 | 40.161458 | 127 | 60.42 | 0.78 | 17.15 | 5.71 | 0.07 | 3.22 | 5.46 | 3.37 | 2.47 | 0.19 | | 7.57 | 26.2 | |
| YX-02 | 120.223889 | 40.920278 | 123.2 | 60.11 | 0.86 | 15.91 | | 0.16 | 1.51 | 5.81 | 3.8 | 3.08 | 0.36 | | 1.94 | 35.9 | |
| S7077 | 120.536944 | 40.926667 | 123.1 | 71.52 | 0.26 | 14.12 | | 0.04 | 0.61 | 1.13 | 2.92 | 4.41 | 0.1 | | | | |
| YX-262 | 122.145833 | 42.521000 | 126 | 54.89 | 0.97 | 16.17 | | 0.12 | 5.43 | 6.50 | 3.52 | 2.88 | 0.49 | | 6.16 | 64.00 | |
| YX-263 | 122.145833 | 42.521000 | 126 | 53.25 | 0.95 | 15.64 | | 0.09 | 6.07 | 7.05 | 3.38 | 2.36 | 0.47 | | 7.35 | 62.00 | |
| YX-264 | 122.145833 | 42.521000 | 126 | 55.47 | 0.89 | 15.84 | | 0.13 | 5.34 | 6.33 | 3.51 | 2.78 | 0.39 | | 6.66 | 61.00 | |
| YX-265 | 122.145833 | 42.521000 | 126 | 55.81 | 0.86 | 15.46 | | 0.09 | 5.57 | 6.59 | 3.48 | 2.56 | 0.36 | | 7.20 | 61.00 | |
| YX-266 | 122.145833 | 42.521000 | 126 | 58.08 | 0.60 | 15.93 | | 0.08 | 4.54 | 3.68 | 4.17 | 4.16 | 0.34 | | 5.66 | 61.00 | |
| YX-267 | 122.145833 | 42.521000 | 126 | 53.78 | 1.08 | 17.21 | | 0.09 | 3.90 | 7.40 | 3.63 | 2.42 | 0.42 | | 7.65 | 50.00 | |
| YX-268 | 122.145833 | 42.521000 | 126 | 55.38 | 0.92 | 16.36 | | 0.10 | 4.61 | 6.61 | 3.55 | 2.63 | 0.37 | | 6.56 | 58.00 | |
| YX-270 | 122.145833 | 42.521000 | 126 | 58.97 | 0.70 | 15.99 | | 0.05 | 3.42 | 5.06 | 4.93 | 2.81 | 0.43 | | 5.72 | 54.00 | |
| YX-271 | 122.145833 | 42.521000 | 126 | 57.84 | 0.63 | 15.23 | | 0.06 | 4.85 | 2.87 | 5.14 | 4.29 | 0.31 | | 5.84 | 62.00 | |
| YFD-8 | 115.866667 | 31.133333 | 143 | 67.9 | 0.57 | 15.61 | 1.01 | 0.04 | 1.23 | 2.39 | 4.38 | 3.58 | 0.17 | | | | |
| EGB-8 | 115.750000 | 31.133333 | 142 | 72.94 | 0.21 | 14.02 | 0.54 | 0.02 | 0.44 | 1.52 | 4.06 | 4.34 | 0.05 | | | | |
| 06LS-2 | 115.666667 | 31.800000 | 139 | 70.61 | 0.27 | 15.34 | 1.41 | 0.02 | 0.42 | 0.85 | 4.75 | 4.16 | 0.09 | | | | |
| 06FJ-1 | 115.466667 | 31.850000 | 138 | 71.95 | 0.28 | 14.20 | 1.64 | 0.03 | 0.69 | 1.67 | 4.26 | 3.80 | 0.09 | | | | |
| DB03C-35 | 115.937500 | 31.041667 | 133 | 65.58 | 0.82 | 15.32 | 1.67 | 0.07 | 1.55 | 3.49 | 4.04 | 3.62 | 0.34 | | | | |
| DB02-12 | 116.500000 | 30.883333 | 132 | 70.67 | 0.40 | 15.20 | 0.83 | 0.02 | 0.57 | 2.09 | 4.01 | 3.93 | 0.13 | | | | |
| DB02-10 | 116.400000 | 30.916667 | 128 | 74.64 | 0.27 | 13.16 | 1.02 | 0.04 | 0.30 | 0.33 | 3.75 | 4.96 | 0.06 | | | | |
| MC00-1 | 115.625000 | 30.083333 | 132 | 64.97 | 0.61 | 14.30 | 1.51 | 0.07 | 3.17 | 3.50 | 3.96 | 3.82 | 0.28 | | | | |
| MC21-3 | 115.625000 | 30.083333 | 132 | 59.15 | 0.91 | 15.25 | 2.38 | 0.13 | 4.36 | 4.72 | 4.21 | 2.22 | 0.50 | | | | |
| TZ02 | 116.363333 | 30.788333 | 131.5 | 62.83 | 0.60 | 15.80 | 5.45 | 0.09 | 2.35 | 3.95 | 3.58 | 3.88 | 0.23 | | | | |
| TZ03 | 116.361667 | 30.798333 | 131.4 | 59.83 | 0.72 | 15.63 | 6.44 | 0.11 | 3.10 | 4.66 | 3.43 | 3.93 | 0.29 | | | | |
| TZ01 | 116.361667 | 30.798333 | 128 | | | | | | | | | | | | | | |
| 04TT-10 | 115.666667 | 31.166667 | 130 | 66.48 | 0.69 | 15.87 | 1.67 | 0.04 | 0.99 | 2.55 | 4.30 | 4.13 | 0.29 | | | | |
| FZL-3 | 115.950000 | 31.133333 | 129 | 71.58 | 0.22 | 15.01 | 0.52 | 0.01 | 0.33 | 1.29 | 3.75 | 5.56 | 0.04 | | | | |
| DB123 | 116.376111 | 30.916111 | 128 | 59.56 | 0.88 | 16.87 | 2.5 | 0.10 | 2.37 | 4.46 | 4.14 | 2.88 | 0.36 | | | | |
| DB122 | 116.413056 | 30.996389 | 127 | 67.47 | 0.41 | 15.54 | 1.22 | 0.08 | 0.49 | 1.43 | 4.27 | 5.95 | 0.09 | | | | |
| TZS-05 | 116.426926 | 30.536242 | 127.8 | 68.12 | 0.53 | 14.31 | 1.405 | 0.06 | 1.83 | 2.92 | 4.01 | 4.03 | 0.23 | | | | |
| TZS-02 | 116.426926 | 30.536242 | 127.7 | 75.87 | 0.12 | 12.89 | 0.525 | 0.08 | 0.15 | 0.37 | 4.69 | 4.71 | 0.03 | | | | |
| 08G32 | 119.916667 | 37.416667 | 129 | 70.7 | 0.27 | 14.90 | 1.56 | 0.10 | 0.46 | 1.99 | 4.58 | 3.49 | 0.07 | | | | |
| 08G37 | 120.166667 | 37.446667 | 129 | 71.2 | 0.19 | 15.40 | 1.14 | 0.01 | 0.38 | 2.12 | 4.73 | 3.66 | 0.05 | | | | |
| 08-LJ-01 | 120.366667 | 37.450000 | 141 | 74 | 0.09 | 12.60 | 0.95 | 0.02 | 0.22 | 0.86 | 1.18 | 5.32 | 0.02 | | | | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|------------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|-----|------|-----------------|-------|
| 08-GJL-02 | 120.766667 | 37.500000 | 130.6 | 67.1 | 0.26 | 14.20 | 1.87 | 0.04 | 0.92 | 2.37 | 4.24 | 3.30 | 0.08 | | | | |
| 07-QSGY-03 | 119.053290 | 35.499254 | 128.7 | 68 | 0.29 | 14.50 | 2.61 | 0.03 | 0.86 | 1.36 | 1.18 | 5.11 | 0.12 | | | | |
| 07-QSGY-03 | 119.053290 | 35.499254 | 128.7 | 70.3 | 0.32 | 13.90 | 2.2 | 0.03 | 0.71 | 1.45 | 3.84 | 5.44 | 0.14 | | | | |
| 08-SY-05 | 119.242983 | 35.742717 | 127.1 | 69.4 | 0.29 | 14.50 | 2.16 | 0.06 | 0.70 | 1.40 | 3.79 | 5.12 | 0.11 | | | | |
| 08-HB-01 | 119.418726 | 35.731325 | 125.5 | 69.8 | 0.09 | 11.30 | 0.69 | 0.05 | 0.05 | 0.16 | 3.86 | 4.44 | 0.01 | | | | |
| 08-DC-01 | 120.515279 | 36.182278 | 125.1 | 73.9 | 0.22 | 13.30 | 1.27 | 0.05 | 0.24 | 0.74 | 4.19 | 4.93 | 0.04 | | | | |
| 08-WL-01 | 119.125000 | 35.661111 | 124.3 | 59.4 | 0.56 | 16.60 | 5.72 | 0.11 | 1.87 | 3.10 | 5.61 | 3.01 | 0.33 | | | | |
| 07-MS-03 | 119.539180 | 35.480148 | 124 | 64.8 | 0.54 | 15.30 | 4.2 | 0.08 | 1.98 | 3.71 | 3.79 | 3.68 | 0.22 | | | | |
| 07-RZ-01 | 119.529190 | 35.419832 | 123.2 | 66.9 | 0.43 | 14.70 | 3.15 | 0.06 | 1.33 | 2.62 | 4.15 | 4.11 | 0.26 | | | | |
| 08-LS-01 | 120.598279 | 36.187767 | 122.4 | 66.1 | 0.29 | 14.70 | 1.27 | 0.05 | 1.08 | 2.41 | 3.02 | 4.41 | 0.11 | | | | |
| 08-XJD-02 | 120.205536 | 35.961612 | 119 | 68.1 | 0.28 | 15.00 | 2.12 | 0.04 | 0.88 | 2.19 | 4.01 | 4.53 | 0.11 | | | | |
| 08-YJZ-03 | 120.641696 | 36.348393 | 118 | 74.9 | 0.10 | 11.70 | 0.61 | 0.02 | 0.15 | 0.52 | 2.86 | 4.51 | 0.01 | | | | |
| SD-11 | 121.670833 | 36.941667 | 118 | 76.02 | 0.16 | 12.61 | 0.67 | 0.03 | 0.24 | 0.90 | 3.62 | 4.89 | 0.05 | | | | |
| SD-12 | 121.670833 | 36.941667 | 117 | 74.65 | 0.11 | 12.70 | 0.62 | 0.01 | 0.20 | 0.22 | 2.29 | 7.75 | 0.01 | | | | |
| SD-27 | 120.501389 | 37.450000 | 125 | 76.51 | 0.12 | 12.57 | 0.51 | 0.01 | 0.17 | 0.92 | 3.49 | 4.90 | 0.03 | | | | |
| SD-28 | 120.501389 | 37.438889 | 116 | 70.08 | 0.42 | 13.93 | 1.58 | 0.06 | 1.67 | 2.67 | 3.65 | 4.36 | 0.20 | | | | |
| SD-30 | 121.001389 | 37.200000 | 116 | 56.09 | 0.81 | 17.42 | 3.36 | 0.12 | 3.87 | 6.21 | 4.58 | 2.53 | 0.49 | | | | |
| SD-31 | 121.001389 | 37.200000 | 113 | 67.49 | 0.41 | 15.52 | 1.72 | 0.06 | 1.83 | 3.41 | 4.04 | 3.70 | 0.17 | | | | |
| SD-59 | 120.583333 | 36.216667 | 115 | 75.29 | 0.18 | 12.87 | 0.74 | 0.11 | 0.02 | 0.15 | 4.64 | 4.83 | 0.01 | | | | |
| SD13-09 | 120.831757 | 36.975678 | 119 | 62.24 | 0.74 | 15.77 | 4.53 | 0.06 | 2.47 | 2.73 | 3.52 | 4.03 | 0.23 | | | | |
| SD13-26 | 120.525856 | 36.378450 | 120 | 74.43 | 20.00 | 13.61 | 1.22 | 0.05 | 0.10 | 0.10 | 40.48 | 5.09 | 0.02 | | | | |
| SD13-30 | 120.543194 | 36.386258 | 118 | 62.61 | 0.64 | 15.89 | 4.45 | 0.07 | 1.85 | 3.62 | 3.93 | 3.68 | 0.28 | | | | |
| SD13-36 | 119.761276 | 36.005784 | 120 | 65.16 | 0.42 | 16.75 | 2.31 | 0.04 | 0.47 | 2.04 | 3.26 | 6.21 | 0.10 | | | | |
| JZ-6 | 119.988556 | 36.330615 | 119.3 | 54.4 | 1.40 | 17.21 | 7.55 | 0.12 | 3.72 | 6.47 | 4.28 | 2.99 | 0.64 | | | | |
| 09M09 | 120.500000 | 37.500000 | 116 | 56.46 | 0.64 | 12.59 | 5.58 | 0.15 | 6.86 | 5.92 | 2.32 | 4.60 | 0.61 | | | | |
| 09QX01 | 120.820000 | 37.250000 | 117 | 55.44 | 0.73 | 14.99 | 6.68 | 0.11 | 6.88 | 7.23 | 2.81 | 2.96 | 0.36 | | | | |
| GJ401 | 121.719589 | 36.841438 | 112 | 59.56 | 0.83 | 16.96 | 2.14 | 0.11 | 2.41 | 5.34 | 3.04 | 3.79 | 0.44 | | | | |
| QTJ-2 | 117.500000 | 31.675000 | 132 | 56.2 | 0.62 | 15.60 | 5.91 | 0.10 | 6.05 | 4.29 | 4.55 | 3.70 | 0.35 | | | | |
| QTJ-3 | 117.500000 | 31.675000 | 132 | 63.4 | 0.55 | 14.40 | 4.64 | 0.08 | 3.86 | 3.77 | 3.92 | 3.96 | 0.25 | | | | |
| QTJ-4 | 117.500000 | 31.675000 | 132 | 62.5 | 0.59 | 14.80 | 5.14 | 0.08 | 3.93 | 4.27 | 4.15 | 3.44 | 0.28 | | | | |
| QTJ-5 | 117.500000 | 31.675000 | 132 | 68.2 | 0.66 | 14.00 | 5.53 | 0.09 | 4.28 | 4.27 | 3.85 | 3.70 | 0.29 | | | | |
| TLF02 | 117.572222 | 31.733333 | 126.9 | 68.77 | 0.50 | 15.90 | 2.85 | 0.03 | 0.64 | 1.98 | 4.55 | 3.72 | 0.20 | | | | |
| TLF11 | 117.550000 | 31.683333 | 120.3 | 72.87 | 0.22 | 14.39 | 1.76 | 0.04 | 0.53 | 1.07 | 4.06 | 4.52 | 0.07 | | | | |
| TLF12 | 117.550000 | 31.683333 | 120.3 | 68.25 | 0.51 | 15.93 | 2.89 | 0.03 | 0.66 | 1.96 | 4.64 | 3.73 | 0.20 | | | | |
| TLF07 | 117.625000 | 31.766667 | 108.1 | 72.28 | 0.21 | 14.26 | 1.65 | 0.03 | 0.59 | 1.27 | 3.83 | 4.64 | 0.07 | | | | |
| 09OT07 | 117.929585 | 32.377311 | 129.2 | 65.33 | 0.46 | 14.93 | 3.13 | 0.06 | 1.23 | 3.38 | 3.61 | 4.39 | 0.18 | | | | |
| 09OT12 | 117.929585 | 32.377311 | 124.6 | 64.75 | 0.46 | 14.55 | 3.29 | 0.06 | 1.61 | 3.14 | 4.20 | 4.28 | 0.17 | | | | |
| WWX-1 | 117.950000 | 32.560000 | 120 | 69.8 | 0.36 | 13.65 | 1.62 | 0.07 | 1.65 | 1.89 | 2.62 | 5.14 | 0.13 | | | | |
| 15DY01 | 117.983833 | 32.434056 | 131.2 | 64.46 | 0.41 | 13.21 | 3.26 | 0.05 | 2.25 | 3.19 | 3.64 | 3.67 | 0.17 | | | | |
| 15DY01 | 117.983833 | 32.434056 | 131.2 | 69.08 | 0.40 | 13.57 | 2.79 | 0.03 | 1.55 | 1.22 | 3.30 | 4.58 | 0.17 | | | | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|-----|------|-----------------|-------|
| 15DY01 | 117.983833 | 32.434056 | 131.2 | 65.91 | 0.39 | 13.18 | 2.80 | 0.05 | 1.97 | 2.87 | 3.40 | 4.11 | 0.15 | | | | |
| 15DY01 | 117.983833 | 32.434056 | 131.2 | 65.56 | 0.37 | 12.78 | 2.91 | 0.05 | 1.94 | 3.20 | 3.18 | 4.06 | 0.16 | | | | |
| 15DY02 | 117.983833 | 32.434056 | 130.5 | 64.1 | 0.41 | 13.89 | 3.06 | 0.05 | 1.83 | 2.84 | 3.87 | 4.02 | 0.16 | | | | |
| 15DY02 | 117.983833 | 32.434056 | 130.5 | 67.5 | 0.33 | 14.38 | 1.2 | 0.07 | 1.66 | 2.12 | 3.39 | 5.36 | 0.13 | | | | |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 66.91 | 0.47 | 14.36 | 1.41 | 0.07 | 2.61 | 3.01 | 3.26 | 4.27 | 0.21 | | | | |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 62.7 | 0.61 | 15.14 | 5.04 | 0.07 | 3.62 | 4.26 | 3.97 | 3.28 | 0.23 | | | | |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 60.1 | 0.72 | 14.67 | 6.22 | 1.10 | 4.57 | 4.95 | 3.64 | 3.32 | 0.33 | | | | |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 67.83 | 0.41 | 14.12 | 3.43 | 0.05 | 2.21 | 2.79 | 3.77 | 3.83 | 0.14 | | | | |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 61.9 | 0.68 | 14.67 | 5.49 | 0.08 | 3.82 | 4.18 | 3.68 | 3.81 | 0.28 | | | | |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 61.26 | 0.69 | 14.73 | 5.7 | 0.09 | 4.06 | 4.46 | 3.70 | 3.75 | 0.30 | | | | |
| DMC-1 | 118.187500 | 32.841667 | 128 | 58.9 | 0.81 | 15.60 | 6.61 | 0.11 | 3.45 | 4.79 | 4.09 | 3.48 | 0.41 | | | | |
| DMC-1 | 118.187500 | 32.841667 | 128 | 62 | 0.72 | 15.20 | 5.66 | 0.09 | 3.02 | 4.03 | 4.05 | 4.14 | 0.34 | | | | |
| DMC-1 | 118.187500 | 32.841667 | 128 | 62.5 | 0.69 | 15.10 | 5.42 | 0.09 | 2.74 | 3.93 | 4.05 | 4.14 | 0.32 | | | | |
| DMC-1 | 118.187500 | 32.841667 | 128 | 62.6 | 0.68 | 15.20 | 5.28 | 0.09 | 3.07 | 3.57 | 4.13 | 4.17 | 0.33 | | | | |
| XLZ-1 | 118.494444 | 32.666667 | 125 | 65.9 | 0.52 | 15.10 | 3.58 | 0.06 | 1.97 | 3.90 | 4.32 | 3.62 | 0.20 | | | | |
| XLZ-1 | 118.494444 | 32.666667 | 125 | 66 | 0.49 | 15.10 | 3.46 | 0.06 | 2.30 | 3.65 | 4.17 | 3.84 | 0.19 | | | | |
| XLZ-1 | 118.494444 | 32.666667 | 125 | 66.1 | 0.43 | 15.20 | 3.3 | 0.05 | 2.21 | 3.43 | 4.44 | 3.37 | 0.18 | | | | |
| XLZ-1 | 118.494444 | 32.666667 | 125 | 66.1 | 0.47 | 15.30 | 3.39 | 0.05 | 2.33 | 3.26 | 4.40 | 3.48 | 0.37 | | | | |
| FJZ-1 | 117.988889 | 32.666667 | 129 | 60.4 | 0.65 | 14.60 | 5.94 | 0.10 | 4.57 | 5.21 | 3.94 | 3.26 | 0.35 | | | | |
| FJZ-1 | 117.988889 | 32.666667 | 129 | 61.7 | 0.68 | 14.60 | 5.59 | 0.09 | 3.85 | 4.69 | 3.98 | 3.81 | 0.36 | | | | |
| FJZ-1 | 117.988889 | 32.666667 | 129 | 60.5 | 0.75 | 14.50 | 5.91 | 0.09 | 4.17 | 5.13 | 3.86 | 3.40 | 0.39 | | | | |
| FJZ-1 | 117.988889 | 32.666667 | 129 | 60.3 | 0.66 | 14.70 | 6.04 | 0.10 | 4.83 | 4.89 | 3.86 | 3.51 | 0.35 | | | | |
| BB7-4 | 117.414600 | 32.866632 | 129.3 | 73.24 | 0.20 | 14.38 | 1.42 | 0.03 | 0.36 | 1.64 | 4.11 | 3.96 | 0.05 | | | | |
| BB7-8 | 117.414600 | 32.866632 | 129.3 | 72.09 | 0.16 | 14.81 | 1.41 | 0.03 | 0.39 | 1.66 | 4.56 | 4.30 | 0.04 | | | | |
| BB7-12 | 117.414600 | 32.866632 | 129.3 | 72.26 | 0.20 | 14.69 | 1.99 | 0.04 | 0.56 | 1.94 | 4.79 | 3.48 | 0.07 | | | | |
| BB9 | 117.847595 | 33.057019 | 130.1 | 72.87 | 0.20 | 14.96 | 0.93 | 0.02 | 0.36 | 2.03 | 4.52 | 2.98 | 0.04 | | | | |
| BB9-2 | 117.847595 | 33.057019 | 130.1 | 72.94 | 0.10 | 15.04 | 0.76 | 0.01 | 0.24 | 1.48 | 4.29 | 4.49 | 0.04 | | | | |
| BB9-3 | 117.847595 | 33.057019 | 130.1 | 71.95 | 0.12 | 15.61 | 0.81 | 0.01 | 0.32 | 1.56 | 4.40 | 4.58 | 0.04 | | | | |
| BB2 | 117.436638 | 32.909280 | 110.3 | 72.82 | 0.14 | 14.42 | 1.55 | 0.02 | 0.43 | 1.70 | 3.57 | 4.53 | 0.05 | | | | |
| BB2-13 | 117.436638 | 32.909280 | 110.3 | 70.59 | 0.20 | 15.33 | 2.15 | 0.03 | 0.75 | 2.51 | 4.09 | 3.36 | 0.08 | | | | |
| BB1 | 117.491570 | 32.929454 | 130 | 70.49 | 0.21 | 15.53 | 2.27 | 0.03 | 0.74 | 2.54 | 4.12 | 3.18 | 0.09 | | | | |
| BB1-5 | 117.491570 | 32.929454 | 130 | 70.54 | 0.21 | 15.55 | 2.26 | 0.03 | 0.75 | 2.64 | 4.18 | 3.21 | 0.08 | | | | |
| BB1-6 | 117.491570 | 32.929454 | 130 | 70.35 | 0.20 | 15.79 | 2.07 | 0.03 | 0.73 | 2.41 | 4.07 | 3.49 | 0.08 | | | | |
| LG1 | 117.333333 | 34.500000 | 131.1 | 60.74 | 0.62 | 13.69 | 3.14 | 0.12 | 5.73 | 5.43 | 3.71 | 2.12 | 0.18 | | | | |
| J25 | 117.166667 | 34.000000 | 132.2 | 61.41 | 0.58 | 15.06 | 2.29 | 0.11 | 3.44 | 5.54 | 4.28 | 2.28 | 0.17 | | | 46.20 | |
| 09SD-106 | 120.710333 | 36.857000 | 115 | 56.85 | 0.80 | 17.63 | 7.05 | 0.12 | 3.37 | 6.13 | 3.84 | 2.95 | 0.47 | | | 46.40 | |
| 09SD-107 | 120.710333 | 36.857000 | 115 | 56.83 | 0.81 | 17.64 | 7.1 | 0.12 | 3.41 | 6.14 | 3.84 | 2.85 | 0.47 | | | 46.60 | |
| 09SD-108 | 120.710333 | 36.857000 | 115 | 57.09 | 0.86 | 17.50 | 7.04 | 0.11 | 3.42 | 5.93 | 3.71 | 3.25 | 0.43 | | | 46.60 | |
| 09SD-109 | 120.710333 | 36.857000 | 115 | 56.99 | 0.81 | 17.60 | 7.04 | 0.12 | 3.35 | 6.08 | 3.83 | 3.00 | 0.46 | | | 46.20 | |

续附表 2-1

| 样品号 | 经度 | 纬度 | 年龄(Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|--------|------------------|------------------|--------------------------------|--------------------------------|------|------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| 09SD-110 | 120.710333 | 36.857000 | 115 | 57.13 | 0.79 | 17.63 | 6.96 | 0.12 | 3.31 | 6.02 | 3.84 | 3.08 | 0.45 | | | 46.10 | |
| 17JX1 | 118.872222 | 35.507500 | 128 | 58.26 | 0.93 | 17.30 | 6.68 | 0.09 | 1.70 | 1.26 | 5.29 | 5.32 | 0.56 | 6.01 | 6.01 | 33.51 | 1.03 |
| 17JX1 | 118.872222 | 35.507500 | 128 | 57.92 | 0.92 | 16.83 | 6.72 | 0.11 | 2.28 | 1.41 | 4.61 | 5.57 | 0.57 | 6.05 | 6.05 | 40.19 | 1.04 |
| 17JX2 | 118.919167 | 35.464167 | 128.4 | 59.50 | 0.81 | 14.97 | 5.50 | 0.09 | 3.40 | 4.46 | 3.10 | 3.23 | 0.36 | 4.95 | 4.95 | 55.05 | 0.90 |
| 17JX2 | 118.919167 | 35.464167 | 128.4 | 58.76 | 0.78 | 15.37 | 5.36 | 0.08 | 3.17 | 4.85 | 3.39 | 3.27 | 0.26 | 4.82 | 4.82 | 53.95 | 0.86 |
| 17JX3 | 118.910833 | 35.433333 | 129.5 | 64.89 | 0.37 | 16.98 | 2.90 | 0.09 | 0.80 | 2.12 | 4.76 | 5.75 | 0.17 | 2.61 | 2.61 | 35.33 | 0.95 |
| 17JX3 | 118.910833 | 35.433333 | 129.5 | 70.81 | 0.25 | 15.00 | 1.73 | 0.07 | 0.34 | 1.08 | 4.44 | 5.46 | 0.06 | 1.56 | 1.56 | 28.02 | 0.99 |
| 17JX3 | 118.910833 | 35.433333 | 129.5 | 64.31 | 0.40 | 17.61 | 2.62 | 0.07 | 0.65 | 2.06 | 4.77 | 6.05 | 0.13 | 2.36 | 2.36 | 32.95 | 0.97 |
| 17JX3 | 118.910833 | 35.433333 | 129.5 | 64.66 | 0.41 | 16.99 | 3.01 | 0.08 | 0.86 | 2.21 | 4.84 | 5.62 | 0.18 | 2.71 | 2.71 | 36.14 | 0.94 |
| 17JX3 | 118.910833 | 35.433333 | 129.5 | 63.30 | 0.45 | 17.63 | 3.08 | 0.09 | 0.83 | 2.25 | 4.80 | 6.17 | 0.17 | 2.77 | 2.77 | 34.80 | 0.94 |
| 17LS1 | 118.644444 | 35.066389 | 126.7 | 72.60 | 0.24 | 14.24 | 1.47 | 0.03 | 0.24 | 0.80 | 3.93 | 5.65 | 0.03 | 1.32 | 1.32 | 24.44 | 1.01 |
| 17LS1 | 118.644444 | 35.066389 | 126.7 | 72.87 | 0.24 | 14.02 | 1.39 | 0.04 | 0.21 | 0.68 | 3.89 | 5.62 | 0.03 | 1.25 | 1.25 | 23.03 | 1.02 |
| 17LS1 | 118.644444 | 35.066389 | 126.7 | 73.02 | 0.23 | 13.84 | 1.40 | 0.02 | 0.21 | 0.71 | 3.81 | 5.57 | 0.03 | 1.26 | 1.26 | 22.91 | 1.02 |
| 17LS1 | 118.644444 | 35.066389 | 126.7 | 72.05 | 0.26 | 14.45 | 1.57 | 0.04 | 0.24 | 0.81 | 3.90 | 5.67 | 0.03 | 1.41 | 1.41 | 23.24 | 1.03 |
| 17LS1 | 118.644444 | 35.066389 | 126.7 | 73.26 | 0.24 | 13.99 | 1.36 | 0.03 | 0.18 | 0.63 | 3.82 | 5.67 | 0.03 | 1.22 | 1.22 | 20.77 | 1.03 |
| 17JN1 | 118.720833 | 35.170278 | 127.8 | 54.01 | 1.01 | 15.84 | 7.74 | 0.13 | 4.04 | 5.88 | 3.76 | 4.55 | 0.72 | 6.96 | 6.96 | 50.83 | 0.73 |
| 17JN1 | 118.720833 | 35.170278 | 127.8 | 54.01 | 1.00 | 16.16 | 7.70 | 0.13 | 3.99 | 5.88 | 3.72 | 4.54 | 0.72 | 6.93 | 6.93 | 50.65 | 0.74 |
| 17HB2-1 | 118.493056 | 35.296944 | 127.3 | 67.11 | 0.43 | 15.35 | 3.84 | 0.02 | 0.31 | 0.77 | 4.86 | 5.92 | 0.30 | 3.46 | 3.46 | 13.79 | 0.97 |
| 17HB2-1 | 118.493056 | 35.296944 | 127.3 | 64.67 | 0.47 | 16.80 | 4.00 | 0.03 | 0.43 | 0.82 | 5.84 | 5.33 | 0.32 | 3.60 | 3.60 | 17.56 | 1.00 |
| 17PD1 | 120.385278 | 36.865833 | 121.6 | 66.91 | 0.32 | 16.10 | 3.03 | 0.06 | 0.63 | 2.00 | 4.44 | 4.33 | 0.15 | 2.73 | 2.73 | 29.17 | 1.03 |
| 17PD1 | 120.385278 | 36.865833 | 121.6 | 66.39 | 0.32 | 16.11 | 2.99 | 0.06 | 0.71 | 1.97 | 4.35 | 4.26 | 0.14 | 2.69 | 2.69 | 31.99 | 1.05 |
| 17PD1 | 120.385278 | 36.865833 | 121.6 | 66.37 | 0.32 | 16.23 | 3.03 | 0.13 | 0.58 | 1.98 | 4.41 | 4.34 | 0.14 | 2.73 | 2.73 | 27.49 | 1.04 |
| 17PD1 | 120.385278 | 36.865833 | 121.6 | 66.31 | 0.35 | 16.27 | 2.98 | 0.07 | 0.60 | 2.16 | 4.27 | 4.19 | 0.16 | 2.68 | 2.68 | 28.51 | 1.05 |
| 17PD1 | 120.385278 | 36.865833 | 121.6 | 67.36 | 0.32 | 16.26 | 2.68 | 0.07 | 0.51 | 1.96 | 4.50 | 4.29 | 0.14 | 2.41 | 2.41 | 27.37 | 1.04 |
| 17JX5 | 118.919167 | 35.463611 | 124.6 | 68.30 | 0.40 | 15.98 | 2.22 | 0.06 | 0.30 | 0.54 | 4.81 | 6.05 | 0.07 | 2.00 | 2.00 | 21.12 | 1.03 |
| 17JX5 | 118.919167 | 35.463611 | 124.6 | 68.34 | 0.40 | 15.96 | 2.23 | 0.06 | 0.28 | 0.52 | 4.84 | 6.10 | 0.06 | 2.01 | 2.01 | 19.92 | 1.03 |
| 17QL1 | 120.455833 | 36.083611 | 119.3 | 76.61 | 0.19 | 12.45 | 1.23 | 0.03 | 0.07 | 0.03 | 4.20 | 4.64 | 0.01 | 1.11 | 1.11 | 10.13 | 1.04 |
| 17QL1 | 120.455833 | 36.083611 | 119.3 | 76.30 | 0.19 | 12.40 | 1.28 | 0.07 | 0.06 | 0.09 | 4.34 | 4.64 | 0.01 | 1.15 | 1.15 | 8.50 | 1.01 |
| 17QL1 | 120.455833 | 36.083611 | 119.3 | 76.13 | 0.20 | 12.36 | 1.40 | 0.09 | 0.08 | 0.23 | 4.26 | 4.79 | 0.01 | 1.26 | 1.26 | 10.17 | 0.98 |
| 17QL1 | 120.455833 | 36.083611 | 119.3 | 76.66 | 0.18 | 12.35 | 1.27 | 0.03 | 0.05 | 0.03 | 4.22 | 4.59 | 0.01 | 1.14 | 1.14 | 7.23 | 1.03 |
| 17QL2 | 120.514167 | 36.184722 | 119.6 | 73.15 | 0.23 | 13.93 | 1.28 | 0.05 | 0.27 | 0.87 | 4.29 | 5.15 | 0.05 | 1.15 | 1.15 | 29.47 | 0.98 |
| 17QL2 | 120.514167 | 36.184722 | 119.6 | 74.36 | 0.22 | 13.40 | 1.22 | 0.04 | 0.22 | 0.74 | 4.11 | 5.09 | 0.03 | 1.10 | 1.10 | 26.32 | 0.98 |
| 17QL2 | 120.514167 | 36.184722 | 119.6 | 73.74 | 0.27 | 13.46 | 1.52 | 0.06 | 0.29 | 0.84 | 4.16 | 5.02 | 0.05 | 1.37 | 1.37 | 27.43 | 0.97 |
| 17QL2 | 120.514167 | 36.184722 | 119.6 | 73.37 | 0.25 | 13.72 | 1.45 | 0.06 | 0.29 | 0.82 | 4.26 | 5.06 | 0.05 | 1.30 | 1.30 | 28.37 | 0.98 |
| 17QL2 | 120.514167 | 36.184722 | 119.6 | 73.77 | 0.25 | 13.31 | 1.41 | 0.05 | 0.26 | 0.79 | 4.09 | 4.93 | 0.04 | 1.27 | 1.27 | 26.75 | 0.99 |
| 17LY1 | 120.761667 | 36.970278 | 119.2 | 77.35 | 0.29 | 11.44 | 1.12 | 0.03 | 0.12 | 0.31 | 3.55 | 4.32 | 0.05 | 1.01 | 1.01 | 17.51 | 1.03 |
| 17LY1 | 120.761667 | 36.970278 | 119.2 | 77.79 | 0.31 | 10.83 | 1.20 | 0.04 | 0.19 | 0.43 | 3.12 | 4.38 | 0.12 | 1.08 | 1.08 | 23.87 | 1.02 |
| 17LY1 | 120.761667 | 36.970278 | 119.2 | 75.96 | 0.31 | 11.97 | 1.74 | 0.04 | 0.29 | 0.25 | 4.07 | 3.89 | 0.05 | 1.57 | 1.57 | 24.82 | 1.05 |
| 17LY1 | 120.761667 | 36.970278 | 119.2 | 78.61 | 0.29 | 10.39 | 1.86 | 0.03 | 0.17 | 0.24 | 3.29 | 3.65 | 0.05 | 1.67 | 1.67 | 15.33 | 1.06 |
| 17LY1 | 120.761667 | 36.970278 | 119.2 | 76.19 | 0.30 | 12.07 | 1.26 | 0.04 | 0.12 | 0.31 | 3.87 | 4.45 | 0.05 | 1.13 | 1.13 | 15.87 | 1.03 |

续附表 2-2

| 样品号 | Cr | Ni | Rb | Sr | Zr | Nb | Ba | Hf | Ta | Pb | Th | U | Ga | Y | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu | σEu |
|---------|-------|--------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-----|
| 17IX3 | 127.3 | 701.7 | 631.8 | 23.0 | 2658 | 13.9 | 1.3 | 7.6 | 23.5 | 3.8 | 17.4 | 28.4 | 115.0 | 203.3 | 21.54 | 72.3 | 10.78 | 2.65 | 7.26 | 1.00 | 5.20 | 0.97 | 2.83 | 0.42 | 2.91 | 0.45 | 0.87 | | |
| 17LS1 | 98.2 | 167.2 | 228.4 | 17.2 | 670 | 6.4 | 1.2 | 9.9 | 17.3 | 2.0 | 14.8 | 35.0 | 86.4 | 150.2 | 15.37 | 50.4 | 8.74 | 1.24 | 6.78 | 1.11 | 6.35 | 1.13 | 3.39 | 0.49 | 3.02 | 0.40 | 0.48 | | |
| 17LS1 | 92.7 | 155.8 | 222.9 | 16.1 | 609 | 6.2 | 1.4 | 9.7 | 17.8 | 1.8 | 15.5 | 34.0 | 99.9 | 172.6 | 16.97 | 54.3 | 9.35 | 1.19 | 7.12 | 1.11 | 6.91 | 1.24 | 3.65 | 0.49 | 3.31 | 0.41 | 0.43 | | |
| 17LS1 | 94.5 | 156.1 | 209.8 | 15.3 | 649 | 6.1 | 1.4 | 8.7 | 16.6 | 1.9 | 15.1 | 33.3 | 79.0 | 136.8 | 14.00 | 45.1 | 8.14 | 1.15 | 6.59 | 1.04 | 5.99 | 1.10 | 3.85 | 0.48 | 2.96 | 0.39 | 0.47 | | |
| 17LS1 | 92.1 | 187.9 | 230.9 | 17.7 | 720 | 6.7 | 1.4 | 11.1 | 19.5 | 2.2 | 13.7 | 36.0 | 97.1 | 165.1 | 17.03 | 55.1 | 9.85 | 1.30 | 7.39 | 1.21 | 7.26 | 1.31 | 3.68 | 0.48 | 3.26 | 0.41 | 0.45 | | |
| 17LS1 | 97.3 | 160.5 | 205.7 | 17.2 | 608 | 5.7 | 1.5 | 8.8 | 17.2 | 1.7 | 14.1 | 36.3 | 99.1 | 161.3 | 16.83 | 54.8 | 9.49 | 1.26 | 7.53 | 1.18 | 7.07 | 1.35 | 3.68 | 0.53 | 3.17 | 0.42 | 0.44 | | |
| 17JN1 | 92.7 | 1484.1 | 317.8 | 13.0 | 4361 | 7.2 | 0.7 | 12.0 | 15.8 | 2.3 | 18.1 | 27.7 | 126.8 | 227.2 | 24.50 | 88.8 | 13.40 | 3.17 | 9.29 | 1.14 | 5.47 | 0.98 | 2.78 | 0.35 | 2.30 | 0.38 | 0.82 | | |
| 17JN1 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 2.39 | 117.3 | 219.2 | 23.31 | 87.5 | 13.95 | 3.28 | 9.39 | 1.07 | 5.47 | 0.95 | 2.87 | 0.36 | 2.39 | 2.39 | 2.39 | |
| 17HB2-1 | 119.9 | 432.0 | 272.1 | 11.7 | 1918 | 6.4 | 0.7 | 16.5 | 17.7 | 2.2 | 16.4 | 13.8 | 103.6 | 167.9 | 16.75 | 54.9 | 7.07 | 1.66 | 4.59 | 0.51 | 2.37 | 0.43 | 1.20 | 0.17 | 1.15 | 0.19 | 0.84 | | |
| 17HB2-1 | 112.6 | 448.5 | 313.0 | 12.1 | 1894 | 6.9 | 0.7 | 18.1 | 20.5 | 2.4 | 17.9 | 14.0 | 120.5 | 194.7 | 19.37 | 64.7 | 7.90 | 1.96 | 5.34 | 0.55 | 2.66 | 0.48 | 1.50 | 0.21 | 1.31 | 0.20 | 0.87 | | |
| 17PD1 | 98.1 | 455.3 | 292.5 | 9.3 | 2540 | 6.5 | 0.6 | 6.3 | 14.2 | 2.2 | 15.2 | 17.7 | 89.2 | 150.2 | 14.73 | 49.8 | 6.01 | 1.35 | 3.98 | 0.53 | 3.18 | 0.56 | 1.82 | 0.24 | 1.71 | 0.29 | 0.80 | | |
| 17PD1 | 98.1 | 479.2 | 302.2 | 9.4 | 2599 | 7.1 | 0.6 | 5.7 | 15.1 | 2.4 | 16.3 | 17.6 | 92.8 | 155.5 | 15.03 | 47.5 | 6.46 | 1.41 | 4.18 | 0.56 | 3.02 | 0.63 | 1.93 | 0.28 | 1.99 | 0.31 | 0.70 | | |
| 17PD1 | 100.5 | 479.0 | 303.5 | 9.3 | 2541 | 6.7 | 0.5 | 5.1 | 13.9 | 2.5 | 18.8 | 17.6 | 93.5 | 153.8 | 15.28 | 46.7 | 6.37 | 1.27 | 3.99 | 0.55 | 3.07 | 0.58 | 1.86 | 0.26 | 1.76 | 0.28 | 0.80 | | |
| 17PD1 | 99.3 | 502.7 | 295.8 | 9.5 | 2466 | 6.4 | 0.5 | 9.1 | 15.0 | 2.3 | 18.1 | 17.4 | 88.3 | 139.9 | 14.34 | 43.9 | 5.65 | 1.33 | 3.93 | 0.55 | 3.06 | 0.60 | 1.90 | 0.26 | 1.72 | 0.29 | 0.82 | | |
| 17PD1 | 100.9 | 468.7 | 309.4 | 9.6 | 2660 | 7.3 | 0.5 | 5.9 | 14.4 | 2.2 | 17.9 | 17.9 | 96.0 | 159.6 | 15.60 | 48.8 | 6.20 | 1.31 | 4.33 | 0.55 | 2.98 | 0.60 | 1.82 | 0.29 | 1.86 | 0.31 | 0.73 | | |
| 17IX5 | 185.8 | 103.8 | 678.4 | 37.4 | 251 | 16.2 | 2.0 | 18.5 | 38.8 | 5.4 | 17.3 | 35.4 | 177.6 | 298.1 | 30.94 | 99.2 | 13.29 | 1.54 | 9.59 | 1.25 | 6.59 | 1.25 | 3.94 | 0.60 | 3.98 | 0.65 | 0.40 | | |
| 17IX5 | 178.8 | 103.4 | 639.3 | 34.8 | 249 | 15.5 | 1.8 | 20.6 | 36.9 | 4.6 | 16.9 | 35.2 | 169.3 | 297.2 | 29.78 | 95.4 | 13.48 | 1.48 | 9.11 | 1.17 | 6.16 | 1.20 | 3.72 | 0.56 | 3.84 | 0.60 | 0.39 | | |
| 17QL1 | 152.1 | 6.5 | 301.9 | 38.3 | 12 | 10.2 | 2.5 | 11.7 | 18.6 | 3.0 | 19.8 | 41.5 | 39.0 | 83.8 | 8.89 | 29.9 | 6.70 | 0.21 | 6.33 | 1.11 | 6.66 | 1.50 | 4.60 | 0.71 | 4.59 | 0.71 | 0.10 | | |
| 17QL1 | 168.3 | 5.7 | 301.2 | 38.6 | 14 | 10.5 | 2.2 | 18.6 | 19.4 | 2.7 | 19.3 | 41.0 | 40.2 | 81.4 | 8.90 | 29.7 | 6.44 | 0.22 | 6.41 | 1.07 | 6.74 | 1.47 | 4.31 | 0.66 | 4.37 | 0.69 | 0.10 | | |
| 17QL1 | 169.3 | 9.0 | 320.8 | 39.2 | 10 | 11.1 | 2.3 | 21.0 | 19.6 | 3.0 | 20.7 | 43.7 | 41.4 | 87.5 | 9.47 | 32.9 | 7.26 | 0.21 | 6.74 | 1.15 | 7.10 | 1.49 | 4.52 | 0.71 | 4.62 | 0.69 | 0.09 | | |
| 17QL1 | 156.2 | 4.1 | 318.9 | 38.1 | 16 | 11.0 | 2.4 | 19.3 | 19.6 | 2.8 | 19.1 | 39.9 | 36.6 | 83.7 | 8.55 | 27.9 | 5.95 | 0.17 | 5.14 | 0.94 | 6.25 | 1.29 | 4.33 | 0.67 | 4.56 | 0.73 | 0.09 | | |
| 17QL2 | 151.5 | 113.1 | 215.2 | 21.9 | 523 | 6.7 | 1.3 | 7.4 | 15.6 | 2.3 | 16.1 | 19.6 | 53.0 | 87.7 | 8.40 | 25.7 | 3.91 | 0.56 | 3.08 | 0.49 | 3.00 | 0.60 | 1.82 | 0.29 | 2.12 | 0.31 | 0.48 | | |
| 17QL2 | 116.4 | 80.5 | 199.7 | 18.4 | 338 | 5.8 | 1.4 | 5.8 | 10.3 | 1.8 | 13.5 | 22.5 | 56.4 | 94.7 | 9.23 | 27.8 | 4.56 | 0.50 | 3.85 | 0.59 | 3.30 | 0.68 | 2.27 | 0.32 | 2.36 | 0.32 | 0.36 | | |
| 17QL2 | 121.8 | 87.8 | 262.4 | 23.6 | 337 | 7.3 | 1.6 | 6.2 | 10.3 | 1.9 | 15.3 | 27.2 | 65.6 | 114.0 | 11.67 | 35.5 | 5.69 | 0.58 | 4.64 | 0.73 | 4.51 | 0.92 | 2.75 | 0.42 | 2.96 | 0.42 | 0.34 | | |
| 17QL2 | 129.8 | 91.5 | 233.5 | 23.4 | 319 | 7.1 | 1.5 | 7.2 | 13.7 | 2.5 | 17.2 | 23.8 | 54.4 | 97.0 | 10.05 | 31.0 | 5.30 | 0.55 | 4.09 | 0.62 | 4.08 | 0.87 | 2.57 | 0.39 | 2.52 | 0.38 | 0.35 | | |
| 17QL2 | 120.6 | 86.4 | 220.6 | 23.8 | 333 | 6.4 | 1.6 | 6.6 | 11.8 | 1.9 | 15.6 | 24.8 | 60.6 | 105.0 | 10.19 | 31.1 | 4.88 | 0.57 | 3.85 | 0.63 | 4.02 | 0.79 | 2.35 | 0.38 | 2.72 | 0.34 | 0.39 | | |
| 17LY1 | 80.7 | 220.5 | 358.4 | 22.0 | 1793 | 8.8 | 1.4 | 6.1 | 38.3 | 5.4 | 6.0 | 21.8 | 61.6 | 188.5 | 15.15 | 52.4 | 7.90 | 0.86 | 5.33 | 0.69 | 3.54 | 0.75 | 2.24 | 0.33 | 2.12 | 0.33 | 0.38 | | |
| 17LY1 | 88.6 | 204.2 | 332.4 | 21.9 | 1773 | 9.1 | 1.2 | 5.9 | 33.0 | 4.6 | 8.8 | 19.6 | 133.0 | 147.7 | 42.84 | 116.8 | 9.61 | 0.91 | 4.32 | 0.66 | 3.32 | 0.66 | 1.96 | 0.27 | 1.93 | 0.30 | 0.38 | | |
| 17LY1 | 73.1 | 259.5 | 383.3 | 24.0 | 1848 | 9.5 | 1.3 | 15.4 | 39.6 | 4.8 | 8.7 | 23.6 | 114.9 | 182.7 | 20.10 | 63.8 | 8.58 | 0.96 | 5.62 | 0.73 | 4.08 | 0.75 | 2.42 | 0.34 | 2.38 | 0.37 | 0.40 | | |
| 17LY1 | 80.1 | 211.7 | 359.8 | 21.7 | 1591 | 9.4 | 1.5 | 16.4 | 37.9 | 4.5 | 8.9 | 21.1 | 100.8 | 135.3 | 18.04 | 56.1 | 7.36 | 0.80 | 4.58 | 0.65 | 3.75 | 0.71 | 2.12 | 0.32 | 2.19 | 0.34 | 0.39 | | |
| 17LY1 | 79.2 | 252.4 | 371.8 | 22.4 | 1927 | 9.5 | 1.2 | 6.3 | 39.4 | 8.4 | 7.9 | 23.4 | 62.9 | 189.5 | 15.05 | 52.9 | 8.46 | 0.85 | 5.30 | 0.72 | 3.98 | 0.81 | 2.42 | 0.34 | 2.42 | 0.35 | 0.36 | | |

附表 2-3 郟庐断裂带中生代基性岩石主量元素 (%)

Appendix 2-3 Major elements (%) of Mesozoic mafic rocks in Tanlu Fault Zone

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|---------|------------|-----------|---------|------------------|------------------|--------------------------------|--------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|-------|-------|-----------------|-------|
| 03JH001 | 121.546111 | 39.053889 | 213 | 48.57 | 3.52 | 12.55 | | 0.21 | 4.89 | 7.61 | 2.40 | 1.52 | 0.42 | 16.02 | 16.02 | 37.9 | |
| 03JH002 | 121.546111 | 39.053889 | 213 | 49.64 | 3.57 | 12.42 | | 0.24 | 4.20 | 6.37 | 2.70 | 1.54 | 0.57 | 16.22 | 16.22 | 34.1 | |
| 03JH003 | 121.546111 | 39.053889 | 213 | 49.82 | 3.47 | 12.23 | | 0.22 | 4.39 | 7.41 | 2.65 | 1.37 | 0.55 | 16.02 | 16.02 | 35.4 | |
| 03JH004 | 121.546111 | 39.053889 | 213 | 49.43 | 3.45 | 12.00 | | 0.21 | 4.39 | 7.72 | 2.72 | 1.18 | 0.56 | 16.11 | 16.11 | 35.3 | |
| 03JH006 | 121.507500 | 39.032222 | 213 | 47.46 | 4.18 | 11.97 | | 0.24 | 4.89 | 8.03 | 2.39 | 1.33 | 0.39 | 17.57 | 17.57 | 35.8 | |
| 03JH007 | 121.507500 | 39.032222 | 213 | 55.08 | 2.24 | 11.79 | | 0.18 | 2.01 | 5.68 | 2.72 | 1.98 | 0.74 | 15.96 | 15.96 | 20.1 | |
| 03JH008 | 121.599444 | 39.068611 | 213 | 49.21 | 2.82 | 12.80 | | 0.21 | 5.44 | 8.16 | 2.94 | 0.53 | 0.30 | 15.33 | 15.33 | 41.5 | |
| 03JH009 | 121.651944 | 39.010556 | 213 | 49.25 | 2.63 | 12.85 | | 0.22 | 5.97 | 8.87 | 2.22 | 0.60 | 0.27 | 15.6 | 15.6 | 43.4 | |
| 03JG011 | 121.796389 | 39.083056 | 213 | 47.87 | 2.5 | 13.65 | | 0.22 | 6.12 | 9.92 | 2.09 | 0.93 | 0.34 | 14.77 | 14.77 | 45.3 | |
| 03JH012 | 121.796389 | 39.083056 | 213 | 47.45 | 2.38 | 13.72 | | 0.21 | 6.4 | 10.02 | 2.2 | 0.8 | 0.31 | 14.73 | 14.73 | 46.5 | |
| 03JH016 | 121.923333 | 39.054722 | 213 | 49.18 | 2.24 | 13.52 | | 0.2 | 6.07 | 9.62 | 2.38 | 1.16 | 0.22 | 13.44 | 13.44 | 47.5 | |
| 03JH015 | 121.897500 | 39.041111 | 213 | 47.13 | 3.57 | 13.24 | | 0.21 | 6.05 | 6.53 | 3.56 | 1.08 | 0.48 | 15.89 | 15.89 | 43.2 | |
| 03JH013 | 121.796389 | 39.083056 | 213 | 53.08 | 0.81 | 13.29 | | 0.12 | 8.94 | 7.68 | 2.22 | 3.46 | 0.22 | 7.89 | 7.89 | 69.4 | |
| 03JH024 | 121.128333 | 38.761667 | 213 | 55.58 | 0.66 | 13.7 | | 0.11 | 8.87 | 6.07 | 3.18 | 1.48 | 0.15 | 7.9 | 7.9 | 69.2 | |
| 03JH027 | 121.128889 | 38.756111 | 213 | 55.26 | 0.69 | 14.81 | | 0.11 | 7.38 | 6.6 | 3.19 | 2.14 | 0.19 | 7.63 | 7.63 | 65.9 | |
| 03JH025 | 121.128889 | 38.756111 | 213 | 49.58 | 1.49 | 14.79 | | 0.16 | 6.47 | 7.92 | 2.85 | 4.23 | 1.34 | 9.54 | 9.54 | 57.6 | |
| 03JH026 | 121.128889 | 38.756111 | 213 | 51.88 | 1.31 | 14.95 | | 0.13 | 5.82 | 7.6 | 3.48 | 4.1 | 1.14 | 8.38 | 8.38 | 58.1 | |
| 17L08-1 | 124.017778 | 40.828611 | 215 | 48.67 | 3.69 | 15.49 | 13.66 | 0.17 | 4.59 | 6.15 | 3.76 | 2.56 | 0.58 | | | | 0.77 |
| 16L22-1 | 123.499444 | 40.571944 | 215 | 49.5 | 0.92 | 17.36 | 8.64 | 0.14 | 7.31 | 10.88 | 2.64 | 1.07 | 0.16 | | | | 0.69 |
| 16L22-1 | 123.499444 | 40.571944 | 215 | 50.48 | 0.91 | 17.68 | 8 | 0.12 | 6.9 | 10.44 | 2.84 | 1.07 | 0.16 | | | | 0.71 |
| 16L22-1 | 123.499444 | 40.571944 | 215 | 49.66 | 1.11 | 17.25 | 8.56 | 0.13 | 7.18 | 10.27 | 2.82 | 1.35 | 0.25 | | | | 0.7 |
| QCZ-12 | 123.650521 | 40.739400 | 217.2 | 48.42 | 3.17 | 12.15 | | 0.25 | 4.61 | 6.48 | 2.54 | 2.15 | 0.99 | 17.16 | 17.16 | 37 | |
| QCZ-13 | 123.650521 | 40.739400 | 224.3 | 48.81 | 3.28 | 11.7 | | 0.26 | 4.4 | 6.13 | 2.38 | 2.22 | 0.99 | 17.85 | 17.85 | 35 | |
| QCZ-15 | 123.580156 | 40.739000 | 209.7 | 52.75 | 2.19 | 13.56 | | 0.18 | 2.52 | 5.2 | 3.04 | 2.56 | 0.79 | 13.71 | 13.71 | 29 | |
| QCZ-16 | 123.690833 | 40.739445 | 218 | 43.5 | 1.95 | 10.67 | | 0.12 | 11.09 | 8.74 | 1.82 | 5.92 | 1.89 | 9.56 | 9.56 | 72 | |
| 05SD34 | 122.344280 | 36.885010 | 210 | 47.22 | 1.07 | 9.15 | 8.26 | 0.13 | 10.20 | 13.82 | 1.29 | 3.50 | 3.02 | | | | 73 |
| 05SD86 | 122.358856 | 36.887310 | 211 | 51.65 | 0.59 | 8.98 | 6.47 | 0.12 | 10.07 | 14.30 | 1.08 | 2.81 | 1.13 | | | | 78 |
| 05SD87 | 122.358856 | 36.887310 | 211 | 45.86 | 1.24 | 11.55 | 8.64 | 0.10 | 9.87 | 12.02 | 1.52 | 4.11 | 2.74 | | | | 72 |
| 05SD88 | 122.358856 | 36.887310 | 210 | 45.10 | 1.30 | 10.61 | 8.96 | 0.11 | 10.77 | 12.55 | 0.83 | 4.21 | 3.19 | | | | 73 |
| 05SD40 | 122.338428 | 36.884701 | 210 | 48.57 | 0.73 | 10.05 | 7.61 | 0.12 | 8.12 | 14.29 | 1.60 | 3.39 | 3.42 | | | | 70 |
| HZY-4 | 122.781250 | 40.737500 | 155 | 54.08 | 0.68 | 13.98 | 2.18 | 0.12 | 8.33 | 6.06 | 2.65 | 2.47 | 0.10 | 4.69 | 4.69 | 69 | |
| HZY-7 | 122.781250 | 40.737500 | 155 | 55.53 | 0.71 | 16.12 | 2.21 | 0.11 | 5.84 | 5.54 | 3.68 | 2.85 | 0.18 | 3.90 | 3.90 | 69 | |
| HZY-8 | 122.781250 | 40.737500 | 155 | 57.02 | 0.67 | 16.72 | 2.17 | 0.10 | 5.78 | 4.95 | 4.08 | 2.51 | 0.18 | 3.63 | 3.63 | 69 | |
| HZY-9 | 122.781250 | 40.737500 | 155 | 52.48 | 0.90 | 16.87 | 2.40 | 0.10 | 5.45 | 5.48 | 3.69 | 2.55 | 0.14 | 5.19 | 5.19 | 69 | |
| HZY-2 | 122.781250 | 40.737500 | 155 | 49.09 | 1.08 | 13.15 | 2.58 | 0.13 | 11.37 | 6.87 | 2.18 | 1.96 | 0.20 | 5.89 | 5.89 | 69 | |
| HZY-3 | 122.781250 | 40.737500 | 155 | 49.40 | 1.09 | 13.28 | 2.59 | 0.13 | 10.83 | 7.81 | 2.59 | 1.97 | 0.20 | 5.90 | 5.90 | 69 | |
| HZY-5 | 122.781250 | 40.737500 | 155 | 49.99 | 1.29 | 13.69 | 2.79 | 0.14 | 11.59 | 6.61 | 2.49 | 1.71 | 0.21 | 6.13 | 6.13 | 69 | |

续附表 2-3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|---------|------------------|------------------|--------------------------------|--------------------------------|------|-------|------|-------------------|------------------|-------------------------------|------|-------|-----------------|-------|
| HZY-12 | 122.781250 | 40.737500 | 155 | 47.27 | 0.70 | 11.21 | 2.20 | 0.12 | 14.23 | 5.37 | 1.06 | 2.36 | 0.17 | 5.59 | | 69 | |
| HZY-14 | 122.781250 | 40.737500 | 155 | 44.77 | 0.98 | 11.59 | 2.48 | 0.12 | 11.30 | 6.45 | 1.13 | 2.91 | 0.30 | 5.53 | | 69 | |
| HZY-15 | 122.781250 | 40.737500 | 155 | 45.53 | 0.90 | 11.16 | 2.40 | 0.13 | 12.80 | 6.45 | 1.32 | 2.57 | 0.28 | 5.91 | | 69 | |
| HZY-10 | 122.781250 | 40.737500 | 155 | 49.67 | 0.94 | 14.17 | 2.44 | 0.13 | 8.74 | 6.97 | 2.01 | 2.27 | 0.21 | 5.29 | | 69 | |
| HZY-11 | 122.781250 | 40.737500 | 155 | 52.18 | 0.83 | 14.75 | 2.33 | 0.11 | 7.55 | 6.86 | 2.88 | 2.46 | 0.16 | 4.80 | | 69 | |
| HZY-13 | 122.781250 | 40.737500 | 155 | 52.70 | 0.85 | 14.46 | 2.35 | 0.11 | 8.64 | 4.74 | 2.74 | 2.46 | 0.10 | 4.94 | | 69 | |
| HS09-3/1 | 121.908333 | 42.041667 | 164 | 49.67 | 1.13 | 13.62 | 9.47 | 0.16 | 9.98 | 7.82 | 2.6 | 2.42 | 0.79 | | 67.6 | 0.65 | |
| HS09-3/2 | 121.908333 | 42.041667 | 164 | 50.16 | 1.11 | 14.96 | 9.45 | 0.15 | 8.49 | 7.3 | 3.14 | 2.46 | 0.78 | | 64 | 0.71 | |
| TL-6 | 120.589444 | 40.367500 | 162 | 46.36 | 1.43 | 10.75 | 11.48 | 0.18 | 14.76 | 9.36 | 2.46 | 0.69 | 0.39 | | 71.8 | | |
| TL-7 | 120.589722 | 40.367500 | 156 | 47.33 | 2.21 | 13.47 | 13.78 | 0.16 | 6.59 | 7.38 | 4.31 | 2.36 | 1.36 | | 48.6 | | |
| SGL8 | 124.270833 | 40.100000 | 118 | 53.87 | 0.86 | 18.16 | 7.36 | 0.12 | 2.68 | 4.63 | 5.55 | 1.58 | 0.44 | | 41.9 | | |
| SGL16 | 124.260417 | 40.104167 | 118 | 53.89 | 0.71 | 15.64 | 6.72 | 0.11 | 4.99 | 5.64 | 3.76 | 2.16 | 0.33 | | 59.5 | | |
| SGL23 | 124.260417 | 40.104500 | 118 | 55.11 | 0.88 | 18.48 | 7.4 | 0.13 | 2.69 | 4.66 | 4.99 | 2.29 | 0.45 | | 41.9 | | |
| SGL24 | 124.260417 | 40.104500 | 118 | 54.92 | 0.85 | 18.3 | 7.42 | 0.13 | 2.87 | 3.84 | 5.58 | 2.55 | 0.45 | | 43.4 | | |
| SGL28 | 124.260417 | 40.104500 | 118 | 52.21 | 1.11 | 16.55 | 8.04 | 0.11 | 4.38 | 6.22 | 3.65 | 2.65 | 0.5 | | 51.9 | | |
| SGL29 | 124.260417 | 40.104500 | 118 | 51.63 | 0.95 | 17.22 | 8.22 | 0.13 | 4.62 | 7.43 | 3.75 | 1.32 | 0.35 | | 52.7 | | |
| SGL39 | 124.260417 | 40.104500 | 118 | 48.77 | 1.05 | 14.9 | 8.68 | 0.15 | 8.75 | 7.84 | 2.89 | 1.47 | 0.4 | | 66.6 | | |
| SGL25 | 124.260417 | 40.104500 | 119 | 44.91 | 2.55 | 14.46 | 12.34 | 0.2 | 4.87 | 8.56 | 2.84 | 2.76 | 0.81 | | 43.9 | | |
| WL11 | 124.186667 | 40.152778 | 119 | 44.93 | 3.28 | 14.93 | 13.75 | 0.22 | 6.25 | 8.5 | 2.83 | 1.17 | 0.81 | | 47.4 | | |
| WL12 | 124.186667 | 40.152778 | 119 | 45.56 | 1.86 | 15.01 | 11.89 | 0.15 | 7.48 | 8.97 | 3.05 | 1.24 | 0.41 | | 55.5 | | |
| WL13 | 124.186667 | 40.152778 | 119 | 45.71 | 3.42 | 14.95 | 13.4 | 0.15 | 6.49 | 8.55 | 2.76 | 1.22 | 0.78 | | 49 | | |
| WL14 | 124.186667 | 40.152778 | 119 | 46.26 | 3.41 | 15.34 | 13.82 | 0.16 | 5.61 | 8.23 | 3.09 | 1.37 | 0.89 | | 44.6 | | |
| WL15 | 124.186667 | 40.152778 | 119 | 45.83 | 3.35 | 15.26 | 13.75 | 0.16 | 6.24 | 8.25 | 2.94 | 1.11 | 0.82 | | 47.3 | | |
| WL16 | 124.186667 | 40.152778 | 119 | 46.16 | 3.27 | 15.17 | 13.48 | 0.12 | 6.33 | 8.03 | 3 | 1.3 | 0.83 | | 48.2 | | |
| WL17 | 124.186667 | 40.152778 | 119 | 45.81 | 3.28 | 14.9 | 13.78 | 0.2 | 6.31 | 8.55 | 2.69 | 1.24 | 0.79 | | 47.6 | | |
| WL18 | 124.200000 | 40.161458 | 119 | 48.52 | 2.26 | 15.54 | 11.4 | 0.13 | 4.71 | 7.18 | 3.42 | 1.94 | 0.68 | | 45 | | |
| TH4-2 | 125.301819 | 41.875600 | 137 | 48.4 | 0.95 | 16.7 | | 0.14 | 6.8 | 10.1 | 2.66 | 0.61 | 0.19 | 10.3 | | 57.00 | |
| TH4-3 | 125.301819 | 41.875600 | 137 | 48.1 | 1.00 | 15.3 | | 0.15 | 7.2 | 10.0 | 2.7 | 0.65 | 0.28 | 10.9 | | 57 | |
| DD22-1 | 121.717529 | 39.829155 | 130 | 44.3 | 0.49 | 4.9 | | 0.14 | 26.5 | 7.0 | 0.71 | 0.84 | 0.22 | 9.5 | | 85.00 | |
| DD22-2 | 121.717529 | 39.829155 | 130 | 44.8 | 0.48 | 5.0 | | 0.14 | 26.2 | 6.8 | 0.77 | 0.95 | 0.14 | 9.4 | | 85.00 | |
| DD17-1 | 122.192688 | 39.474600 | 129 | 53.1 | 0.56 | 6.7 | | 0.13 | 16.3 | 11.4 | 1.27 | 0.58 | 0.14 | 7.57 | | 81.00 | |
| DD3-1 | 124.486000 | 40.476203 | 132 | 49.7 | 0.78 | 15.8 | | 0.12 | 8.8 | 7.8 | 2.76 | 1.15 | 0.29 | 8.6 | | 67.00 | |
| DD3-3 | 124.486000 | 40.476203 | 132 | 49.2 | 0.74 | 15.0 | | 0.13 | 10.1 | 7.9 | 2.65 | 1.36 | 0.26 | 8.7 | | 70.00 | |
| TL-4 | 120.576111 | 40.377778 | 139 | 47.9 | 1.74 | 14.9 | 10.99 | 0.14 | 7.2 | 7.5 | 3.15 | 1.50 | 0.45 | | 56.30 | | |
| TL-8 | 120.591389 | 40.378056 | 140 | 48.3 | 2.00 | 12.5 | 16.45 | 0.24 | 5.4 | 9.5 | 1.86 | 1.75 | 0.21 | | 39.54 | | |
| DB02-11 | 116.375000 | 30.875000 | 127 | 51.50 | 1.27 | 15.34 | 4.69 | 0.12 | 4.47 | 6.29 | 3.43 | 3.68 | 1.00 | | | | |
| 04-158-1 | 115.750000 | 31.666670 | 126 | 44.89 | 2.67 | 14.36 | 5.85 | 0.14 | 9.08 | 7.64 | 2.34 | 2.01 | 1.49 | | | | |
| 01SHC05 | 116.250000 | 30.833330 | 125 | 49.97 | 0.48 | 6.98 | 1.91 | 0.17 | 17.58 | 9.10 | 1.43 | 1.32 | 0.20 | | | | |
| 01SHC10 | 116.187500 | 30.833330 | 125 | 52.01 | 1.19 | 12.72 | 2.13 | 0.12 | 10.83 | 6.82 | 2.75 | 2.16 | 0.40 | | | | |

续附表 2-3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|---------|------------|-----------|---------|------------------|------------------|--------------------------------|--------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|------|-------|-----------------|-------|
| 09ZJP08 | 116.937500 | 31.333330 | 127 | 50.11 | 0.46 | 5.62 | 10.65 | 0.22 | 14.34 | 14.63 | 0.80 | 0.21 | 0.04 | | | | |
| 09ZJP06 | 116.000000 | 31.221670 | 125 | 44.68 | 0.99 | 10.46 | 14.14 | 0.21 | 10.73 | 11.19 | 1.25 | 1.09 | 0.26 | | | | |
| B6-7 | 120.301074 | 37.070961 | 125.4 | 48.39 | 1.62 | 14.67 | 11.26 | 0.15 | 8.26 | 9.15 | 3.41 | 1.30 | 0.30 | | | | |
| B6-6 | 120.301074 | 37.070961 | 125.4 | 48.28 | 1.63 | 14.59 | 11.41 | 0.16 | 8.32 | 9.19 | 3.34 | 1.28 | 0.25 | | | | |
| B6-5 | 120.301074 | 37.070961 | 125.4 | 47.50 | 1.61 | 13.85 | 11.82 | 0.16 | 8.44 | 9.31 | 2.74 | 1.00 | 0.34 | | | | |
| B6-4 | 120.301074 | 37.070961 | 125.4 | 47.10 | 1.60 | 14.20 | 11.95 | 0.18 | 8.39 | 9.42 | 2.74 | 1.14 | 0.40 | | | | |
| B6-3 | 120.301074 | 37.070961 | 125.4 | 47.09 | 1.62 | 13.92 | 11.82 | 0.17 | 8.28 | 9.22 | 2.70 | 1.08 | 0.35 | | | | |
| B6-2 | 120.301074 | 37.070961 | 125.4 | 46.32 | 1.44 | 14.20 | 11.61 | 0.10 | 7.84 | 8.59 | 2.79 | 0.59 | 0.22 | | | | |
| B6-1 | 120.301074 | 37.070961 | 125.4 | 48.70 | 1.40 | 14.33 | 11.91 | 0.15 | 7.70 | 8.57 | 2.58 | 0.58 | 0.21 | | | | |
| B5-2 | 120.301074 | 37.070961 | 123.7 | 50.62 | 1.26 | 16.37 | 6.91 | 0.15 | 5.20 | 6.93 | 3.43 | 3.59 | 0.69 | | | | |
| B5-1 | 120.301074 | 37.070961 | 123.7 | 50.90 | 1.27 | 16.48 | 8.96 | 0.15 | 5.17 | 7.00 | 3.44 | 3.66 | 0.70 | | | | |
| B4-3 | 120.301074 | 37.070961 | 122.5 | 50.69 | 1.29 | 16.20 | 9.03 | 0.15 | 5.12 | 7.04 | 3.11 | 3.62 | 0.69 | | | | |
| B4-2 | 120.301074 | 37.070961 | 122.5 | 50.52 | 1.30 | 16.14 | 9.12 | 0.15 | 5.35 | 7.18 | 3.02 | 3.39 | 0.71 | | | | |
| B4-1 | 120.301074 | 37.070961 | 122.5 | 50.66 | 1.25 | 16.17 | 9.65 | 0.18 | 5.27 | 7.09 | 3.09 | 3.40 | 0.68 | | | | |
| B3-3 | 120.301074 | 37.070961 | 126.9 | 50.37 | 1.27 | 16.08 | 9.01 | 0.16 | 5.19 | 7.09 | 2.99 | 3.33 | 0.69 | | | | |
| B3-2 | 120.301074 | 37.070961 | 126.9 | 50.69 | 1.28 | 16.06 | 8.98 | 0.15 | 5.06 | 6.84 | 3.09 | 3.26 | 0.69 | | | | |
| B3-1 | 120.301074 | 37.070961 | 126.9 | 50.83 | 1.29 | 16.09 | 8.96 | 0.15 | 5.41 | 7.00 | 3.01 | 3.27 | 0.69 | | | | |
| B1-3 | 120.301074 | 37.070961 | 124.8 | 50.63 | 1.25 | 15.94 | 9.43 | 0.12 | 5.57 | 7.25 | 3.19 | 3.48 | 0.69 | | | | |
| B1-2 | 120.301074 | 37.070961 | 124.8 | 49.32 | 1.26 | 14.68 | 10.74 | 0.11 | 5.97 | 7.95 | 3.38 | 3.64 | 0.68 | | | | |
| B1-1 | 120.301074 | 37.070961 | 124.8 | 50.10 | 1.28 | 15.47 | 9.59 | 0.11 | 6.10 | 7.90 | 2.85 | 3.64 | 0.67 | | | | |
| JJLT-1 | 120.139765 | 37.399302 | 120.8 | 51.17 | 0.79 | 12.40 | 3.56 | 0.14 | 11.59 | 7.35 | 1.57 | 3.23 | 0.41 | | | | |
| JJHT-2 | 120.139765 | 37.399302 | 121.6 | 46.36 | 2.16 | 14.29 | 4.41 | 0.20 | 6.65 | 7.11 | 3.79 | 2.84 | 0.84 | | | | |
| JJHT-5 | 120.139765 | 37.399302 | 120.6 | 46.43 | 2.26 | 15.96 | 4.27 | 0.20 | 6.65 | 8.33 | 3.74 | 2.84 | 0.89 | | | | |
| DP-1 | 120.144306 | 37.408000 | 122 | 48.50 | 2.21 | 14.87 | 4.13 | 0.21 | 6.81 | 9.09 | 3.25 | 1.10 | 0.54 | 6.88 | 11.78 | 54 | |
| DP-2 | 120.133833 | 37.398000 | 122 | 47.47 | 2.20 | 15.36 | 6.36 | 0.18 | 5.97 | 8.71 | 3.21 | 1.01 | 0.45 | 6.22 | 13.27 | 47 | |
| DP-3 | 120.133861 | 37.398083 | 122 | 49.21 | 2.19 | 14.45 | 5.57 | 0.18 | 7.37 | 7.85 | 3.06 | 1.10 | 0.52 | 5.51 | 11.69 | 56 | |
| DP-4 | 120.144250 | 37.407639 | 122 | 48.27 | 2.73 | 16.92 | 4.28 | 0.18 | 3.92 | 7.64 | 4.07 | 1.91 | 0.64 | 7.84 | 12.99 | 38 | |
| DP-5 | 120.135722 | 37.400333 | 122 | 46.91 | 2.11 | 14.28 | 4.06 | 0.22 | 8.26 | 9.54 | 3.14 | 1.00 | 0.43 | 7.81 | 12.74 | 56 | |
| DP-6 | 120.144306 | 37.408000 | 122 | 47.74 | 2.49 | 16.03 | 5.09 | 0.17 | 5.18 | 8.06 | 3.69 | 1.60 | 0.51 | 6.42 | 12.22 | 46 | |
| DP-7 | 120.144306 | 37.408000 | 122 | 48.23 | 2.51 | 16.14 | 4.90 | 0.20 | 3.86 | 9.18 | 3.12 | 1.60 | 0.52 | 6.59 | 12.23 | 39 | |
| DP-8 | 120.144306 | 37.408000 | 122 | 48.47 | 2.61 | 15.98 | 6.01 | 0.22 | 4.38 | 8.82 | 3.62 | 1.69 | 0.67 | 5.57 | 12.19 | 42 | |
| DP-9 | 120.133833 | 37.398000 | 122 | 47.34 | 2.36 | 15.77 | 3.99 | 0.19 | 4.86 | 8.43 | 3.75 | 1.32 | 0.44 | 7.11 | 11.9 | 45 | |
| DP-10 | 120.133833 | 37.398000 | 122 | 47.84 | 2.34 | 16.52 | 3.65 | 0.17 | 4.68 | 8.48 | 3.16 | 1.43 | 0.51 | 7.13 | 11.58 | 45 | |
| 09J54 | 120.125000 | 37.350000 | 95 | 44.88 | 2.21 | 15.35 | 10.84 | 0.18 | 6.01 | 8.24 | 4.12 | 3.06 | 1.07 | | | | |
| 09J76 | 120.125000 | 37.350000 | 87 | 44.57 | 2.13 | 15.26 | 10.58 | 0.16 | 6.15 | 8.46 | 3.94 | 2.96 | 0.98 | | | | |
| GJ104 | 121.719589 | 36.841438 | 114 | 53.85 | 1.12 | 16.44 | 2.61 | 0.14 | 4.55 | 8.31 | 2.98 | 2.54 | 0.56 | | | | |
| GJ203 | 121.719589 | 36.841438 | 111 | 52.89 | 1.15 | 16.46 | 2.63 | 0.15 | 5.07 | 8.86 | 3.01 | 1.96 | 0.55 | | | | |

续附表 2-3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|-----------|------------|-----------|---------|------------------|------------------|--------------------------------|--------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| SD2MY | 118.080000 | 35.750000 | 144 | 48.54 | 0.75 | 9.81 | 12.28 | 0.21 | 14.46 | 11.80 | 1.05 | 0.70 | 0.03 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 48.36 | 0.55 | 8.16 | 12.63 | 0.21 | 17.97 | 10.28 | 1.15 | 0.50 | 0.04 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 49.68 | 0.53 | 12.36 | 10.57 | 0.19 | 13.39 | 9.68 | 1.95 | 0.46 | 0.06 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 51.78 | 0.76 | 14.43 | 9.98 | 0.19 | 9.66 | 8.98 | 2.88 | 0.62 | 0.21 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 48.63 | 0.65 | 12.09 | 13.01 | 0.23 | 13.92 | 9.90 | 1.45 | 0.76 | 0.11 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 51.16 | 0.56 | 12.79 | 10.52 | 0.20 | 12.92 | 9.30 | 1.98 | 0.48 | 0.06 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 48.25 | 0.59 | 11.69 | 12.04 | 0.23 | 13.95 | 11.40 | 0.78 | 0.53 | 0.02 | | | | |
| SD2MY | 118.080000 | 35.750000 | 144 | 47.95 | 0.92 | 12.44 | 12.50 | 0.23 | 12.42 | 10.83 | 1.40 | 0.49 | 0.16 | | | | |
| SD3ZC | 118.170000 | 36.700000 | 143 | 51.53 | 0.86 | 17.20 | 9.84 | 0.16 | 3.38 | 6.83 | 3.63 | 2.49 | 0.79 | | | | |
| SD3ZC | 118.170000 | 36.700000 | 143 | 50.97 | 0.95 | 16.92 | 10.01 | 0.18 | 3.96 | 7.12 | 3.50 | 2.36 | 1.07 | | | | |
| SD3ZC | 118.170000 | 36.700000 | 143 | 51.29 | 0.87 | 16.86 | 9.76 | 0.17 | 3.59 | 7.10 | 3.42 | 2.30 | 0.98 | | | | |
| SD3ZC | 118.170000 | 36.700000 | 143 | 51.27 | 0.86 | 16.26 | 9.55 | 0.15 | 3.89 | 7.41 | 4.00 | 2.59 | 0.95 | | | | |
| SD3ZC | 118.170000 | 36.700000 | 143 | 50.39 | 0.93 | 16.59 | 10.26 | 0.14 | 4.14 | 7.74 | 3.83 | 2.94 | 1.01 | | | | |
| SD3ZC | 118.170000 | 36.700000 | 143 | 51.42 | 0.89 | 16.98 | 9.57 | 0.17 | 3.47 | 6.98 | 3.43 | 3.23 | 1.02 | | | | |
| 07JN25 | 117.000000 | 36.750000 | 119 | 49.62 | 0.41 | 16.31 | 8.88 | 0.15 | 9.34 | 9.73 | 2.48 | 0.38 | 0.05 | | | | |
| 07JN38 | 117.000000 | 36.750000 | 125 | 48.85 | 0.44 | 12.59 | 9.89 | 0.17 | 13.55 | 9.09 | 1.94 | 0.53 | 0.08 | | | | |
| 07JN20 | 117.000000 | 36.750000 | 128 | 52.45 | 0.78 | 14.71 | 9.85 | 0.18 | 7.61 | 7.74 | 2.99 | 1.32 | 0.21 | | | | |
| 07JN32 | 117.000000 | 36.750000 | 120 | 52.09 | 0.70 | 14.30 | 9.17 | 0.15 | 8.38 | 8.07 | 2.90 | 1.23 | 0.19 | | | | |
| 07ZP07 | 117.666670 | 36.750000 | 123 | 51.33 | 0.73 | 11.76 | 9.47 | 0.16 | 11.74 | 7.52 | 2.51 | 2.03 | 0.31 | | | | |
| CYS-2 | 117.625000 | 36.770800 | 128.7 | 53.36 | 0.81 | 14.59 | 10.33 | 0.15 | 6.51 | 8.16 | 3.29 | 2.07 | 0.35 | | | | |
| JN-1 | 117.055000 | 36.713000 | 127.5 | 49.89 | 0.57 | 13.26 | 10.58 | 0.17 | 11.02 | 10.85 | 2.30 | 0.89 | 0.13 | | | | |
| SJ01 | 117.712500 | 36.647900 | 123.2 | 51.49 | 0.28 | 20.43 | 3.98 | 0.18 | 4.27 | 5.46 | 3.62 | 3.14 | 0.23 | | | | |
| SJ02 | 117.704200 | 36.650000 | 122 | 51.54 | 0.26 | 20.22 | 3.76 | 0.21 | 4.13 | 5.57 | 3.76 | 3.25 | 0.26 | | | | |
| KJ01 | 117.707200 | 36.622900 | 121.9 | 51.48 | 0.27 | 20.84 | 3.85 | 0.18 | 3.86 | 5.38 | 3.62 | 3.16 | 0.22 | | | | |
| CN01 | 117.727800 | 36.597900 | 124.3 | 51.41 | 0.22 | 20.12 | 4.62 | 0.13 | 4.38 | 5.35 | 3.47 | 3.18 | 0.22 | | | | |
| LKXDJ-3-1 | 120.518139 | 37.535472 | 120.7 | 47.67 | 0.79 | 9.71 | 2.70 | 0.08 | 14.06 | 8.73 | 1.71 | 1.88 | 0.47 | 4.27 | 7.44 | | |
| LKXDJ-3-3 | 120.518139 | 37.535472 | 120.7 | 47.42 | 0.80 | 9.60 | 6.86 | 0.08 | 14.18 | 8.90 | 1.64 | 1.84 | 0.50 | 0.48 | 7.39 | | |
| LKXDJ-3-4 | 120.518139 | 37.535472 | 120.7 | 47.31 | 0.80 | 9.48 | 2.52 | 0.08 | 14.52 | 8.96 | 1.56 | 1.84 | 0.49 | 4.42 | 7.43 | | |
| LKXDJ-6 | 120.526444 | 37.520083 | 120.7 | 54.53 | 0.73 | 12.70 | 2.47 | 0.10 | 9.84 | 6.80 | 2.54 | 2.16 | 0.41 | 4.35 | 7.3 | | |
| LKXDJ-6 | 120.526444 | 37.520083 | 120.7 | 54.57 | 0.70 | 13.12 | 2.23 | 0.09 | 9.20 | 6.55 | 2.84 | 2.10 | 0.39 | 4.38 | 7.09 | | |
| LKXDJ-6 | 120.526444 | 37.520083 | 120.7 | 53.36 | 0.73 | 12.59 | 2.43 | 0.10 | 10.16 | 7.23 | 2.46 | 1.97 | 0.40 | 4.45 | 7.38 | | |
| LKXDJ-6 | 120.526444 | 37.520083 | 120.7 | 54.18 | 0.72 | 13.09 | 2.12 | 0.09 | 8.65 | 7.14 | 2.72 | 2.19 | 0.38 | 4.35 | 6.96 | | |
| LKXDJ-7 | 120.528972 | 37.517694 | 120.7 | 56.32 | 0.62 | 12.83 | 2.10 | 0.08 | 7.70 | 6.60 | 2.81 | 2.13 | 0.23 | 3.49 | 5.98 | | |
| LKXDJ-7 | 120.528972 | 37.517694 | 120.7 | 57.46 | 0.64 | 12.61 | 2.27 | 0.08 | 8.00 | 6.47 | 2.82 | 2.18 | 0.23 | 3.45 | 6.11 | | |
| LKXDJ-7 | 120.528972 | 37.517694 | 120.7 | 57.93 | 0.63 | 13.09 | 2.33 | 0.09 | 7.47 | 6.00 | 2.99 | 2.15 | 0.23 | 3.32 | 6.03 | | |
| LKXDJ-9 | 120.547333 | 37.535750 | 120.7 | 54.93 | 0.70 | 12.75 | 2.11 | 0.07 | 7.62 | 37.06 | 2.27 | 2.42 | 0.26 | 3.43 | 5.92 | | |
| LKXDJ-9 | 120.547333 | 37.535750 | 120.7 | 53.70 | 0.72 | 12.45 | 2.51 | 0.08 | 8.61 | 7.24 | 2.09 | 2.20 | 0.24 | 3.26 | 6.13 | | |
| LKXDJ-9 | 120.547333 | 37.535750 | 120.7 | 53.93 | 0.68 | 12.45 | 2.12 | 0.08 | 8.19 | 7.10 | 2.06 | 2.31 | 0.26 | 3.48 | 5.99 | | |

续附表 2-3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|---------|------------------|------------------|--------------------------------|--------------------------------|-------|-------|------|-------------------|------------------|-------------------------------|------|------|-----------------|-------|
| LKXDJ-10 | 120.535944 | 37.506222 | 120.7 | 46.42 | 0.88 | 11.27 | 2.78 | 0.12 | 11.32 | 8.90 | 2.04 | 2.79 | 0.70 | 4.74 | 8.05 | | |
| LKXDJ-10 | 120.535944 | 37.506222 | 120.7 | 46.60 | 0.85 | 11.39 | 3.35 | 0.11 | 11.39 | 8.51 | 2.09 | 2.90 | 0.66 | 4.34 | 8.17 | | |
| LZYD-6 | 120.181389 | 37.212500 | 118.7 | 49.71 | 0.90 | 12.96 | 2.37 | 0.12 | 8.89 | 8.24 | 2.08 | 2.58 | 0.95 | 4.99 | 7.91 | | |
| LZYD-6 | 120.181389 | 37.212500 | 118.7 | 50.35 | 0.84 | 12.72 | 1.96 | 0.11 | 8.61 | 8.05 | 2.18 | 2.56 | 0.88 | 5.05 | 7.57 | | |
| LZYD-6 | 120.181389 | 37.212500 | 118.7 | 49.28 | 0.87 | 12.41 | 1.88 | 0.12 | 9.03 | 8.65 | 1.86 | 2.79 | 0.91 | 5.26 | 7.73 | | |
| LZYD-6 | 120.181389 | 37.212500 | 118.7 | 50.22 | 0.85 | 12.65 | 2.24 | 0.13 | 9.00 | 8.24 | 2.01 | 3.05 | 0.92 | 4.93 | 7.72 | | |
| LZYD-6 | 120.181389 | 37.212500 | 118.7 | 49.96 | 0.86 | 12.39 | 2.20 | 0.13 | 8.97 | 8.67 | 1.99 | 3.48 | 0.95 | 5.03 | 7.79 | | |
| LZYD-4 | 120.154472 | 37.151972 | 120.1 | 53.34 | 0.99 | 13.51 | 2.44 | 0.10 | 7.10 | 7.00 | 2.51 | 3.83 | 0.64 | 3.78 | 6.64 | | |
| LZYD-4 | 120.154472 | 37.151972 | 120.1 | 52.80 | 1.12 | 13.46 | 2.16 | 0.11 | 8.40 | 6.84 | 2.39 | 3.51 | 0.68 | 4.56 | 7.23 | | |
| LYGC-1 | 121.069417 | 37.065806 | 118.5 | 52.83 | 0.73 | 13.11 | 2.42 | 0.08 | 8.67 | 6.06 | 3.31 | 2.09 | 0.40 | 4.05 | 6.92 | | |
| LYGC-1 | 121.069417 | 37.065806 | 118.5 | 53.54 | 0.75 | 13.67 | 2.09 | 0.08 | 9.43 | 4.68 | 3.04 | 2.57 | 0.47 | 4.46 | 7.05 | | |
| LYGC-1 | 121.069417 | 37.065806 | 118.5 | 52.46 | 0.75 | 13.42 | 2.12 | 0.09 | 9.55 | 5.41 | 2.90 | 2.55 | 0.48 | 4.5 | 7.12 | | |
| LYGC-2 | 121.069417 | 37.015806 | 118.5 | 50.67 | 0.83 | 12.78 | 2.96 | 0.11 | 11.51 | 6.89 | 2.58 | 2.42 | 0.52 | 4.5 | 7.96 | | |
| LYGC-2 | 121.069417 | 37.015806 | 118.5 | 49.02 | 0.80 | 12.63 | 2.88 | 0.10 | 11.09 | 7.68 | 2.71 | 2.43 | 0.47 | 4.48 | 7.86 | | |
| LYGC-2 | 121.069417 | 37.015806 | 118.5 | 49.09 | 0.81 | 12.57 | 2.84 | 11.77 | 7.62 | 2.41 | 2.51 | 0.50 | 5.18 | 4.41 | 7.74 | | |
| WDSC-1 | 122.006250 | 37.085278 | 130.1 | 50.58 | 0.90 | 13.31 | 2.64 | 8.10 | 8.55 | 2.35 | 1.97 | 0.55 | 6.79 | 3.96 | 7.03 | | |
| WDSC-1 | 122.006250 | 37.085278 | 130.1 | 50.66 | 0.89 | 13.38 | 2.32 | 8.44 | 8.57 | 2.33 | 2.02 | 0.57 | 6.18 | 4.31 | 7.11 | | |
| WDSC-1 | 122.006250 | 37.085278 | 130.1 | 50.73 | 0.86 | 13.34 | 2.69 | 8.83 | 8.37 | 2.30 | 2.07 | 0.57 | 5.93 | 3.97 | 7.1 | | |
| WDSC-2 | 122.006250 | 37.085278 | 130.1 | 50.65 | 0.80 | 14.05 | 2.70 | 8.73 | 6.70 | 2.56 | 3.08 | 0.58 | 5.29 | 4.58 | 7.79 | | |
| WDSC-2 | 122.006250 | 37.085278 | 130.1 | 50.75 | 0.79 | 13.89 | 2.69 | 0.12 | 8.86 | 6.96 | 2.17 | 3.51 | 0.59 | 4.51 | 7.7 | | |
| WDSC-2 | 122.006250 | 37.085278 | 130.1 | 50.99 | 0.76 | 14.19 | 2.64 | 0.12 | 8.66 | 6.72 | 2.10 | 3.82 | 0.56 | 4.47 | 7.6 | | |
| WDSC-3 | 122.006250 | 37.085278 | 119.3 | 52.00 | 0.83 | 12.28 | 2.29 | 0.12 | 8.21 | 8.42 | 1.77 | 2.54 | 0.44 | 4.39 | 7.17 | | |
| WDSC-3 | 122.006250 | 37.085278 | 119.3 | 51.79 | 0.86 | 12.27 | 2.63 | 0.14 | 7.66 | 8.52 | 1.77 | 2.70 | 0.44 | 4.07 | 7.14 | | |
| WDSC-3 | 122.006250 | 37.085278 | 119.3 | 52.10 | 0.84 | 12.42 | 2.30 | 0.12 | 7.93 | 8.19 | 1.82 | 2.49 | 0.44 | 4.34 | 7.13 | | |
| 09SD-76 | 121.467833 | 37.167667 | 120 | 48.85 | 0.80 | 14.06 | 7.77 | 0.12 | 9.50 | 7.68 | 2.22 | 1.94 | 0.29 | | | 68.8 | |
| 09SD-78 | 121.467833 | 37.167667 | 120 | 48.94 | 0.78 | 14.08 | 7.73 | 0.12 | 9.40 | 7.64 | 2.28 | 1.99 | 0.29 | | | 68.6 | |
| 09SD-80 | 121.467833 | 37.167667 | 120 | 48.43 | 0.90 | 13.34 | 8.31 | 0.13 | 10.84 | 8.64 | 2.20 | 2.22 | 0.45 | | | 70.1 | |
| 09SD-81 | 121.467833 | 37.167667 | 120 | 48.71 | 0.93 | 13.95 | 8.07 | 0.13 | 9.51 | 8.60 | 2.41 | 2.34 | 0.47 | | | 68 | |
| 09SD-82 | 121.467833 | 37.167667 | 120 | 48.52 | 0.91 | 13.72 | 8.11 | 0.13 | 10.02 | 8.66 | 2.23 | 2.38 | 0.46 | | | 69 | |
| 09SD-84 | 121.467833 | 37.167667 | 120 | 48.35 | 0.92 | 13.89 | 8.14 | 0.13 | 9.79 | 8.50 | 2.25 | 2.31 | 0.47 | | | 68.4 | |
| 09SD-85 | 121.467833 | 37.167667 | 120 | 48.42 | 0.91 | 13.50 | 8.19 | 0.12 | 10.36 | 8.59 | 2.16 | 2.28 | 0.46 | | | 69.5 | |
| 09SD-86 | 121.467833 | 37.167667 | 120 | 48.49 | 0.93 | 13.81 | 8.21 | 0.13 | 10.01 | 8.34 | 2.39 | 2.25 | 0.47 | | | 68.7 | |
| 09SD-90 | 121.363333 | 37.136333 | 120 | 53.48 | 0.75 | 14.13 | 6.85 | 0.13 | 8.21 | 6.53 | 2.34 | 2.86 | 0.44 | | | 68.3 | |
| 09SD-91 | 121.363333 | 37.136333 | 120 | 53.09 | 0.74 | 15.05 | 6.86 | 0.13 | 6.65 | 7.42 | 3.03 | 2.03 | 0.38 | | | 63.6 | |
| 09SD-94 | 121.363333 | 37.136333 | 120 | 52.72 | 0.70 | 14.19 | 7.43 | 0.15 | 8.62 | 7.09 | 2.35 | 2.12 | 0.35 | | | 67.6 | |
| 09SD-96 | 121.363333 | 37.136333 | 120 | 53.54 | 0.72 | 14.63 | 7.26 | 0.14 | 8.14 | 6.57 | 2.52 | 2.49 | 0.37 | | | 66.8 | |
| 09SD-98 | 121.431167 | 37.129167 | 120 | 52.65 | 0.86 | 15.56 | 7.57 | 0.12 | 7.27 | 6.73 | 3.10 | 1.86 | 0.34 | | | 63.3 | |
| 09SD-103 | 121.427000 | 37.134167 | 120 | 46.23 | 0.97 | 13.06 | 7.78 | 0.13 | 9.30 | 7.84 | 2.41 | 3.59 | 0.50 | | | 68.3 | |

续附表 2-3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | SiO ₂ | TiO ₂ | Al ₂ O ₃ | Fe ₂ O ₃ | MnO | MgO | CaO | Na ₂ O | K ₂ O | P ₂ O ₅ | FeO | FeO* | Mg [#] | A/CNK |
|----------|------------|-----------|---------|------------------|------------------|--------------------------------|--------------------------------|------|-------|-------|-------------------|------------------|-------------------------------|-----|------|-----------------|-------|
| 09SD-105 | 121.427000 | 37.134167 | 120 | 46.30 | 0.97 | 13.40 | 8.24 | 0.13 | 9.62 | 8.44 | 2.51 | 3.22 | 0.48 | | | 67.7 | |
| 09SD-165 | 118.158167 | 35.277667 | 125 | 49.57 | 1.13 | 14.50 | 8.77 | 0.13 | 8.73 | 8.36 | 2.40 | 2.86 | 0.96 | | | 64.2 | |
| 09SD-167 | 118.158167 | 35.277667 | 125 | 49.57 | 1.12 | 14.46 | 8.83 | 0.13 | 8.94 | 8.37 | 2.37 | 2.79 | 0.93 | | | 64.6 | |
| 09SD-169 | 118.158167 | 35.277667 | 125 | 49.38 | 1.13 | 14.34 | 8.78 | 0.13 | 8.80 | 8.54 | 2.92 | 1.68 | 0.95 | | | 64.3 | |
| 09SD-171 | 118.132167 | 35.278667 | 125 | 48.30 | 1.13 | 12.17 | 8.79 | 0.13 | 11.91 | 10.13 | 2.72 | 0.85 | 0.74 | | | 70.9 | |
| 09SD-172 | 118.132167 | 35.278667 | 125 | 48.02 | 1.12 | 12.25 | 8.52 | 0.12 | 11.19 | 10.43 | 2.56 | 0.90 | 0.74 | | | 70.3 | |
| 09SD-177 | 118.132167 | 35.278667 | 125 | 47.49 | 1.13 | 12.51 | 8.93 | 0.13 | 11.92 | 9.41 | 2.61 | 0.96 | 0.77 | | | 70.6 | |
| 09SD-178 | 118.132167 | 35.278667 | 125 | 49.28 | 1.15 | 14.47 | 8.70 | 0.12 | 7.90 | 8.51 | 3.36 | 1.65 | 0.96 | | | 62 | |
| 09SD-179 | 118.132167 | 35.278667 | 125 | 45.18 | 1.05 | 11.98 | 8.22 | 0.13 | 11.36 | 11.89 | 2.48 | 0.87 | 0.73 | | | 71.3 | |
| 09SD-183 | 118.132167 | 35.278667 | 125 | 47.87 | 1.13 | 12.89 | 8.86 | 0.13 | 11.20 | 9.25 | 2.83 | 1.03 | 0.79 | | | 69.5 | |
| 09SD-185 | 118.132167 | 35.278667 | 125 | 47.36 | 1.13 | 12.68 | 8.91 | 0.14 | 11.70 | 9.33 | 2.64 | 0.95 | 0.80 | | | 70.3 | |

续附表 2-4

| 样品号 | Cr | Ni | Rb | Sr | Zr | Nb | Ba | Hf | Ta | Pb | Th | U | Ga | Y | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu | σEu |
|----------|-------|-------|------|------|-----|------|------|------|------|-------|-------|------|----|------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|
| WDSC-2 | 268.8 | 127.9 | 0.3 | 977 | 191 | 10.7 | 94 | 4.32 | 0.56 | 37.2 | 8.19 | 1.89 | | 20.9 | 37 | 119 | 12.5 | 50 | 8.4 | 2.29 | 6.3 | 0.83 | 4.08 | 0.72 | 2.02 | | 0.29 | 1.94 | 0.74 |
| WDSC-3 | 279.5 | 66.1 | 0.3 | 4054 | 228 | 9.0 | 55 | 5.02 | 0.48 | 20.4 | 8.96 | 2.61 | | 18.4 | 48 | 103 | 12.4 | 49 | 8.7 | 2.44 | 6.6 | 0.84 | 3.92 | 0.63 | 1.72 | | 0.23 | 1.53 | 0.74 |
| WDSC-3 | 273.6 | 63.7 | 0.2 | 5114 | 240 | 8.9 | 65 | 5.71 | 0.47 | 35.5 | 8.69 | 2.44 | | 17.4 | 45 | 97 | 11.7 | 47 | 8.3 | 2.31 | 6.3 | 0.79 | 3.72 | 0.59 | 1.65 | | 0.22 | 1.39 | 0.74 |
| WDSC-3 | 260.9 | 60.5 | 0.3 | 2184 | 212 | 8.8 | 53 | 4.98 | 0.48 | 25.6 | 8.90 | 2.43 | | 18.7 | 47 | 103 | 12.4 | 49 | 8.7 | 2.43 | 6.7 | 0.85 | 3.94 | 0.64 | 1.74 | | 0.24 | 1.53 | 0.78 |
| 09SD-76 | 544.0 | 152.0 | 45.8 | 783 | 134 | 6.0 | 1388 | 3.30 | 0.40 | 7.59 | 7.59 | 1.16 | | 16.7 | 54 | 100 | 11.4 | 42 | 6.8 | 1.75 | 5.7 | 0.70 | 3.41 | 0.69 | 1.94 | 0.27 | 1.64 | 0.25 | |
| 09SD-78 | 546.0 | 153.0 | 46.1 | 815 | 136 | 6.1 | 1416 | 3.25 | 0.36 | 7.77 | 7.77 | 1.18 | | 16.6 | 55 | 102 | 11.4 | 41 | 6.8 | 1.75 | 5.8 | 0.69 | 3.39 | 0.70 | 1.97 | 0.26 | 1.64 | 0.23 | |
| 09SD-80 | 575.0 | 233.0 | 42.1 | 939 | 154 | 8.9 | 2056 | 3.68 | 0.55 | 9.51 | 9.51 | 1.58 | | 19.9 | 74 | 139 | 16.1 | 59 | 9.5 | 2.34 | 8.0 | 0.93 | 4.13 | 0.84 | 2.30 | 0.29 | 1.85 | 0.27 | |
| 09SD-81 | 471.0 | 183.0 | 45.2 | 985 | 159 | 9.4 | 2090 | 3.69 | 0.57 | 9.83 | 9.83 | 1.59 | | 20.0 | 76 | 140 | 16.3 | 60 | 9.8 | 2.35 | 8.0 | 0.93 | 4.22 | 0.86 | 2.33 | 0.29 | 1.95 | 0.27 | |
| 09SD-82 | 526.0 | 210.0 | 47.5 | 996 | 157 | 9.3 | 1951 | 3.75 | 0.53 | 9.51 | 9.51 | 1.55 | | 20.2 | 75 | 140 | 16.2 | 59 | 9.5 | 2.48 | 7.7 | 0.95 | 4.22 | 0.84 | 2.33 | 0.30 | 1.85 | 0.28 | |
| 09SD-84 | 508.0 | 193.0 | 43.7 | 998 | 155 | 9.0 | 1830 | 3.69 | 0.54 | 9.45 | 9.45 | 1.59 | | 19.5 | 73 | 137 | 16.0 | 58 | 9.3 | 2.36 | 7.7 | 0.94 | 4.03 | 0.82 | 2.34 | 0.29 | 1.85 | 0.27 | |
| 09SD-85 | 515.0 | 206.0 | 42.1 | 971 | 151 | 8.9 | 1806 | 3.73 | 0.52 | 9.29 | 9.29 | 1.52 | | 19.1 | 74 | 138 | 15.9 | 59 | 9.5 | 2.35 | 7.9 | 0.93 | 4.15 | 0.80 | 2.36 | 0.28 | 1.84 | 0.26 | |
| 09SD-86 | 493.0 | 204.0 | 40.2 | 954 | 159 | 9.1 | 1796 | 3.69 | 0.61 | 9.66 | 9.66 | 1.60 | | 19.8 | 75 | 141 | 16.3 | 60 | 9.6 | 2.38 | 8.0 | 0.91 | 4.03 | 0.84 | 2.31 | 0.29 | 1.84 | 0.27 | |
| 09SD-90 | 484.0 | 165.0 | 60.7 | 850 | 149 | 10.3 | 3281 | 3.99 | 0.69 | 9.76 | 9.76 | 1.56 | | 14.5 | 44 | 86 | 10.1 | 38 | 6.6 | 1.61 | 6.1 | 0.66 | 3.02 | 0.60 | 1.70 | 0.21 | 1.40 | 0.21 | |
| 09SD-91 | 400.0 | 89.0 | 48.9 | 918 | 159 | 8.7 | 2537 | 4.04 | 0.54 | 7.23 | 7.23 | 1.41 | | 17.8 | 52 | 96 | 11.2 | 41 | 6.8 | 1.85 | 6.5 | 0.73 | 3.65 | 0.75 | 2.08 | 0.26 | 1.78 | 0.25 | |
| 09SD-94 | 594.0 | 170.0 | 49.1 | 840 | 155 | 8.3 | 1751 | 3.66 | 0.54 | 7.03 | 7.03 | 1.27 | | 16.2 | 46 | 88 | 10.0 | 37 | 6.3 | 1.58 | 5.7 | 0.67 | 3.23 | 0.66 | 1.91 | 0.26 | 1.58 | 0.23 | |
| 09SD-96 | 520.0 | 134.0 | 53.0 | 913 | 153 | 8.3 | 2525 | 3.51 | 0.60 | 6.62 | 6.62 | 1.21 | | 16.4 | 49 | 88 | 9.8 | 36 | 5.7 | 1.47 | 5.0 | 0.63 | 3.06 | 0.63 | 1.74 | 0.23 | 1.54 | 0.22 | |
| 09SD-98 | 363.0 | 144.0 | 36.7 | 1046 | 156 | 8.2 | 2369 | 3.86 | 0.49 | 5.93 | 5.93 | 1.02 | | 15.9 | 45 | 80 | 9.1 | 34 | 5.6 | 1.49 | 5.2 | 0.61 | 3.10 | 0.60 | 1.75 | 0.22 | 1.43 | 0.21 | |
| 09SD-103 | 518.0 | 188.0 | 92.4 | 1458 | 187 | 14.0 | 3278 | 4.42 | 0.73 | 7.89 | 7.89 | 1.37 | | 18.7 | 76 | 137 | 15.9 | 58 | 8.9 | 2.17 | 7.2 | 0.85 | 3.67 | 0.71 | 1.99 | 0.27 | 1.66 | 0.24 | |
| 09SD-105 | 513.0 | 199.0 | 82.8 | 1240 | 188 | 13.8 | 2755 | 4.45 | 0.72 | 7.31 | 7.31 | 1.79 | | 19.8 | 70 | 129 | 15.1 | 55 | 8.7 | 2.17 | 7.2 | 0.84 | 3.83 | 0.78 | 2.13 | 0.28 | 1.80 | 0.25 | |
| 09SD-165 | 369.0 | 130.0 | 59.2 | 1562 | 319 | 19.3 | 1622 | 6.80 | 1.09 | 13.59 | 13.59 | 2.27 | | 26.3 | 137 | 274 | 30.2 | 109 | 16.1 | 3.79 | 11.9 | 1.39 | 5.53 | 0.98 | 2.73 | 0.32 | 2.00 | 0.30 | |
| 09SD-167 | 355.0 | 118.0 | 59.3 | 1503 | 309 | 19.0 | 1572 | 6.39 | 1.10 | 13.01 | 13.01 | 2.21 | | 25.4 | 131 | 263 | 28.8 | 106 | 15.4 | 3.72 | 11.6 | 1.33 | 5.36 | 0.97 | 2.76 | 0.32 | 1.98 | 0.27 | |
| 09SD-169 | 370.0 | 125.0 | 17.8 | 1521 | 312 | 19.2 | 1593 | 6.64 | 1.12 | 13.38 | 13.38 | 2.22 | | 26.1 | 134 | 270 | 29.8 | 110 | 16.2 | 3.86 | 11.7 | 1.38 | 5.53 | 1.01 | 2.74 | 0.31 | 2.02 | 0.30 | |
| 09SD-171 | 613.0 | 256.0 | 12.3 | 1256 | 242 | 14.3 | 1465 | 5.21 | 0.77 | 9.98 | 9.98 | 1.62 | | 22.5 | 106 | 214 | 24.1 | 89 | 13.8 | 3.20 | 9.7 | 1.18 | 4.99 | 0.88 | 2.39 | 0.27 | 1.66 | 0.23 | |
| 09SD-172 | 589.0 | 255.0 | 11.5 | 1234 | 241 | 14.4 | 1476 | 5.18 | 0.76 | 9.89 | 9.89 | 1.67 | | 22.3 | 106 | 213 | 24.1 | 88 | 13.4 | 3.16 | 10.1 | 1.16 | 4.65 | 0.88 | 2.40 | 0.26 | 1.71 | 0.24 | |
| 09SD-177 | 540.0 | 228.0 | 13.0 | 1220 | 253 | 14.9 | 1413 | 5.38 | 0.85 | 10.52 | 10.52 | 1.77 | | 23.3 | 113 | 227 | 25.3 | 93 | 14.1 | 3.38 | 10.0 | 1.24 | 5.02 | 0.89 | 2.47 | 0.27 | 1.75 | 0.25 | |
| 09SD-178 | 357.0 | 122.0 | 13.2 | 1482 | 313 | 18.8 | 1552 | 6.76 | 1.00 | 13.41 | 13.41 | 2.36 | | 25.9 | 135 | 274 | 29.8 | 107 | 16.0 | 3.81 | 12.0 | 1.39 | 5.46 | 0.98 | 2.85 | 0.32 | 2.02 | 0.29 | |
| 09SD-179 | 497.0 | 209.0 | 12.3 | 1194 | 243 | 14.4 | 1333 | 5.39 | 0.77 | 9.95 | 9.95 | 1.69 | | 22.7 | 108 | 215 | 24.3 | 90 | 13.4 | 3.20 | 10.0 | 1.20 | 4.83 | 0.88 | 2.36 | 0.27 | 1.68 | 0.25 | |
| 09SD-183 | 509.0 | 214.0 | 14.0 | 1225 | 253 | 15.1 | 1380 | 5.44 | 0.97 | 10.69 | 10.69 | 1.82 | | 23.7 | 115 | 229 | 25.8 | 95 | 14.2 | 3.36 | 10.8 | 1.25 | 4.98 | 0.92 | 2.54 | 0.27 | 1.78 | 0.26 | |
| 09SD-185 | 541.0 | 222.0 | 13.1 | 1243 | 257 | 15.2 | 1389 | 5.54 | 0.88 | 10.55 | 10.55 | 1.75 | | 23.9 | 116 | 233 | 26.4 | 97 | 14.4 | 3.39 | 10.6 | 1.25 | 4.94 | 0.90 | 2.39 | 0.29 | 1.79 | 0.26 | |

附表3 埃达克质岩石地球化学特征表

Appendix 3 Geochemical characteristics of adakite rocks

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | Mg [#] | Sr (×10 ⁻⁶) | Y (×10 ⁻⁶) | Sr/Y | Dy/Yb | Yb _N | (Sm/Yb) _N |
|------------|------------|-----------|------------|-------|-------------------------|-----------------|----------------------------|---------------------------|--------|-------|-----------------|----------------------|
| QCZ3-1 | 123.600260 | 40.718403 | 224.2 | 1.2 | 70.42 | 32.62 | 561 | 13.30 | 42.18 | 2.43 | 0.85 | 3.38 |
| QCZ3-1 | 123.600260 | 40.718403 | | | 71.22 | 33.96 | 561 | 9.23 | 60.78 | 2.28 | 0.58 | 3.08 |
| QCZ3-1 | 123.600260 | 40.718403 | | | 70.06 | 34.19 | 671 | 9.55 | 70.26 | 2.47 | 0.58 | 3.50 |
| QCZ3-1 | 123.600260 | 40.718403 | | | 69.83 | 35.61 | 563 | 11.70 | 48.12 | 2.14 | 0.77 | 2.72 |
| QCZ3-1 | 123.600260 | 40.718403 | | | 70.13 | 34.24 | 572 | 12.10 | 47.27 | 2.47 | 0.74 | 3.04 |
| QCZ3-1 | 123.600260 | 40.718403 | | | 71.31 | 39.12 | 458 | 12.20 | 37.54 | 2.36 | 0.75 | 3.06 |
| QCZ3-1 | 123.600260 | 40.718403 | | | 69.07 | 38.37 | 758 | 9.54 | 79.45 | 2.30 | 0.60 | 3.21 |
| 16L30-1 | 121.138889 | 38.754444 | 219 | 1 | 65.55 | 23.13 | 970 | 6.15 | 157.72 | 1.65 | 0.41 | 2.09 |
| 16L30-1 | 121.138889 | 38.754444 | | | 65.01 | 23.83 | 1109 | 6.57 | 168.80 | 2.05 | 0.40 | 3.46 |
| 16L30-1 | 121.138889 | 38.754444 | | | 63.33 | 34.14 | 2778 | 6.97 | 398.57 | 2.73 | 0.34 | 3.88 |
| 16L20-1 | 123.528056 | 40.640278 | | | 70.09 | 38.22 | 617 | 9.14 | 67.51 | 2.54 | 0.46 | 4.19 |
| 16L20-1 | 123.528056 | 40.640278 | | | 69.07 | 36.94 | 688 | 8.00 | 86.00 | 3.17 | 0.35 | 4.99 |
| 16L20-1 | 123.528056 | 40.640278 | | | 70.51 | 37.04 | 646 | 8.23 | 78.49 | 2.68 | 0.42 | 4.15 |
| 16L20-1 | 123.528056 | 40.640278 | | | 70.56 | 35.43 | 655 | 8.36 | 78.35 | 3.02 | 0.40 | 4.54 |
| STTW-09 | 120.424167 | 40.852222 | 230.1 | 2.1 | 64.39 | 52.20 | 809 | 10.82 | 74.77 | 2.59 | 0.64 | 3.58 |
| 09BD-2 | 119.218330 | 40.896667 | 220 | 4 | 60.35 | 47.45 | 1361 | 14.30 | 95.17 | 2.73 | 0.71 | 3.29 |
| 09BD-3 | 119.218330 | 40.896667 | | | 65.74 | 55.07 | 1383 | 9.10 | 151.98 | 2.38 | 0.49 | 3.00 |
| 09BGB-4 | 119.208330 | 40.875000 | 221 | 3 | 61.91 | 56.08 | 2125 | 14.40 | 147.57 | 2.55 | 0.71 | 3.11 |
| PM10-RZ1 | 122.988056 | 40.228056 | 219.8 | 0.7 | 71.1 | 39.52 | 485 | 3.05 | 159.02 | 2.07 | 0.19 | 3.50 |
| PM10-RZ1 | 122.988056 | 40.228056 | | | 69.5 | 43.71 | 885 | 5.46 | 162.09 | 3.09 | 0.23 | 4.74 |
| PM10-RZ1 | 122.988056 | 40.228056 | | | 70.8 | 39.54 | 1045 | 5.98 | 174.75 | 2.93 | 0.27 | 4.45 |
| PM10-RZ1 | 122.988056 | 40.228056 | | | 69.8 | 43.10 | 954 | 7.37 | 129.44 | 2.41 | 0.39 | 3.67 |
| PM10-RZ2 | 122.980833 | 40.223611 | 220.9 | 2.1 | 68.8 | 48.86 | 809 | 10.90 | 74.22 | 2.46 | 0.65 | 2.66 |
| PM10-RZ2 | 122.980833 | 40.223611 | | | 70.3 | 45.01 | 749 | 11.60 | 64.57 | 2.63 | 0.61 | 3.17 |
| PM10-RZ2 | 122.980833 | 40.223611 | | | 69.3 | 49.87 | 817 | 9.31 | 87.76 | 2.40 | 0.47 | 3.54 |
| TW007 | 124.200833 | 40.175000 | 165 | 3.3 | 73.56 | 24.51 | 385 | 9.60 | 40.10 | 2.71 | 0.47 | 2.83 |
| gaofenyi I | 124.200833 | 40.175000 | | | 72.62 | 23.47 | 352 | 9.50 | 37.05 | 2.57 | 0.47 | 2.52 |
| gaofenyi I | 124.200833 | 40.175000 | | | 72.75 | 21.30 | 398 | 10.10 | 39.41 | 2.38 | 0.53 | 2.27 |
| TW014 | 124.107778 | 40.131389 | 157.1 | 1.8 | 72.61 | 30.73 | 494 | 5.80 | 85.17 | 2.60 | 0.33 | 3.21 |
| gaofenyi I | 124.107778 | 40.131389 | | | 72.92 | 29.20 | 509 | 4.10 | 124.05 | 3.00 | 0.20 | 5.53 |
| gaofenyi I | 124.107778 | 40.131389 | | | 74.45 | 32.76 | 492 | 5.20 | 94.62 | 2.20 | 0.33 | 2.46 |
| FW01-055 | 121.865278 | 39.293333 | 174 | 4 | 68.75 | 27.17 | 854 | 9.70 | 88.04 | 2.53 | 0.58 | 3.78 |
| FW01-056 | 121.865278 | 39.293333 | | | 71.02 | 24.00 | 976 | 7.36 | 132.61 | 4.35 | 0.27 | 5.55 |
| FW01-363 | 121.926944 | 39.320278 | 173 | 4 | 62.17 | 28.24 | 864 | 12.40 | 69.68 | 3.56 | 0.57 | 4.86 |
| FW01-364 | 121.926944 | 39.320278 | | | 66.23 | 27.81 | 1294 | 8.49 | 152.41 | 3.64 | 0.41 | 7.14 |
| FW01-366 | 121.926944 | 39.320278 | | | 53.14 | 33.40 | 1542 | 33.90 | 45.49 | 1.83 | 2.27 | 1.92 |
| FW01-157 | 122.998333 | 40.722778 | 179 | 4 | 65.16 | 33.85 | 766 | 14.60 | 52.47 | 2.47 | 0.81 | 3.14 |
| FW01-347 | 122.472778 | 40.220556 | 157 | 3 | 58.14 | 51.30 | 856 | 19.50 | 43.90 | 2.53 | 0.98 | 2.31 |
| FW01-158 | 123.062222 | 40.778889 | 164 | 4 | 71.96 | 46.90 | 803 | 2.67 | 300.75 | 1.84 | 0.17 | 1.45 |
| FW01-407 | 124.449167 | 40.423611 | 161 | 6 | 72.38 | 34.06 | 485 | 5.50 | 88.18 | 1.89 | 0.41 | 2.43 |
| FW01-408 | 124.449167 | 40.423611 | | | 70.76 | 33.21 | 447 | 4.89 | 91.41 | 2.34 | 0.27 | 3.18 |
| FW01-414 | 124.449167 | 40.423611 | | | 71.7 | 31.62 | 1127 | 4.96 | 227.22 | 1.24 | 0.36 | 1.42 |
| FW01-416 | 124.449167 | 40.423611 | | | 73.72 | 23.75 | 404 | 7.51 | 53.79 | 1.85 | 0.59 | 2.09 |
| FW01-418 | 124.513333 | 40.309722 | | | 156 | 3 | 72.89 | 29.80 | 507 | 6.65 | 76.24 | 1.85 |
| FW01-419 | 124.513333 | 40.309722 | 73.07 | 29.40 | | | 531 | 7.26 | 73.14 | 2.13 | 0.41 | 2.24 |
| 15DL29-1 | 121.908333 | 39.341111 | 175 | 1 | 65.42 | 28.04 | 1110 | 12.50 | 88.80 | 2.10 | 0.79 | 2.49 |
| 15DL29-2 | 121.901389 | 39.279722 | | | 62.27 | 24.44 | 1356 | 10.40 | 130.38 | 2.73 | 0.59 | 4.92 |
| 15DL01-1 | 121.754722 | 39.091944 | | | 73.65 | 23.60 | 558 | 1.32 | 422.73 | 1.47 | 0.11 | 2.67 |
| 15DL10-3 | 121.879444 | 39.198889 | | | 72.37 | 29.96 | 611 | 1.37 | 445.99 | 3.88 | 0.05 | 6.42 |
| 15DL19-1 | 121.906111 | 39.181667 | | | 72.42 | 32.88 | 672 | 1.83 | 367.21 | 3.62 | 0.09 | 5.02 |
| 15DL21-2 | 122.239444 | 39.287500 | | | 73.59 | 14.63 | 467 | 1.28 | 364.84 | 3.33 | 0.08 | 2.94 |
| 15DL29-3 | 121.908333 | 39.341111 | | | 71.31 | 33.34 | 498 | 1.66 | 300.00 | 2.46 | 0.09 | 2.59 |

续附表 3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | Mg [#] | Sr (×10 ⁻⁶) | Y (×10 ⁻⁶) | Sr/Y | Dy/Yb | Yb _N | (Sm/Yb) _N | | |
|---------|------------|-----------|------------|-------|-------------------------|-----------------|----------------------------|---------------------------|--------|-------|-----------------|----------------------|------|------|
| TW01 | 124.163889 | 40.148611 | 162 | 3 | 73.26 | 28.37 | 370 | 8.17 | 45.29 | 2.43 | 0.47 | 2.83 | | |
| TW01 | 124.163889 | 40.148611 | | | 70.18 | 35.89 | 439 | 9.08 | 48.35 | 2.45 | 0.55 | 3.12 | | |
| TW01 | 124.163889 | 40.148611 | | | 73.93 | 30.67 | 344 | 8.81 | 39.05 | 2.62 | 0.49 | 3.18 | | |
| TW01 | 124.163889 | 40.148611 | | | 74 | 25.08 | 326 | 9.06 | 35.98 | 2.29 | 0.53 | 2.21 | | |
| TW01 | 124.163889 | 40.148611 | | | 74.38 | 26.52 | 325 | 6.38 | 50.94 | 3.12 | 0.33 | 4.71 | | |
| TW02 | 124.191944 | 40.250833 | 157.5 | 1.7 | 72.56 | 44.04 | 557 | 5.15 | 108.16 | 3.08 | 0.25 | 4.46 | | |
| TW02 | 124.191944 | 40.250833 | | | 71.68 | 35.32 | 566 | 3.76 | 150.53 | 3.23 | 0.17 | 4.13 | | |
| TW02 | 124.191944 | 40.250833 | | | 72.33 | 30.99 | 567 | 3.85 | 147.27 | 3.68 | 0.17 | 5.13 | | |
| TW02 | 124.191944 | 40.250833 | | | 72.05 | 33.41 | 569 | 4.45 | 127.87 | 3.47 | 0.20 | 4.46 | | |
| TW02 | 124.191944 | 40.250833 | | | 72.07 | 31.44 | 570 | 5.15 | 110.68 | 3.03 | 0.24 | 3.71 | | |
| L1307 | 121.500000 | 41.583333 | 160.9 | 2.2 | 69.72 | 29.07 | 617 | 4.61 | 133.84 | 2.08 | 0.25 | 2.52 | | |
| L1307 | 121.500000 | 41.583333 | | | 75.72 | 28.09 | 469 | 5.34 | 87.83 | 1.67 | 0.33 | 1.17 | | |
| L1307 | 121.500000 | 41.583333 | | | 72.79 | 30.38 | 564 | 8.74 | 64.53 | 1.76 | 0.59 | 1.26 | | |
| L1307 | 121.500000 | 41.583333 | | | 68.59 | 31.37 | 651 | 7.23 | 90.04 | 1.58 | 0.51 | 1.34 | | |
| L1307 | 121.500000 | 41.583333 | | | 73.4 | 23.06 | 449 | 8.50 | 52.82 | 1.89 | 0.49 | 1.22 | | |
| L1307 | 121.500000 | 41.583333 | | | 72.06 | 46.73 | 907 | 5.78 | 156.92 | 1.91 | 0.31 | 2.44 | | |
| L1307 | 121.500000 | 41.583333 | | | 75.3 | 30.21 | 515 | 7.21 | 71.43 | 1.44 | 0.41 | 1.34 | | |
| LB-2 | 121.718333 | 41.645833 | 161 | 5 | 75.51 | 4.66 | 592 | 3.49 | 169.63 | 1.32 | 0.29 | 2.01 | | |
| LB-3 | 121.697917 | 41.666667 | | | 74.45 | 11.55 | 798 | 4.57 | 174.62 | 1.37 | 0.40 | 1.71 | | |
| LB-4 | 121.677083 | 41.682292 | | | 75.61 | 4.26 | 786 | 6.21 | 126.57 | 1.36 | 0.51 | 1.20 | | |
| LB-5 | 121.677083 | 41.682292 | | | 74.86 | 18.22 | 583 | 5.34 | 109.18 | 1.45 | 0.40 | 1.58 | | |
| LB-15 | 121.666667 | 41.604167 | | | 73.09 | 17.01 | 296 | 4.63 | 63.93 | 2.60 | 0.28 | 2.97 | | |
| LB-16 | 121.666667 | 41.567917 | | | 70.11 | 25.84 | 791 | 4.85 | 163.09 | 1.82 | 0.33 | 2.83 | | |
| LB-17 | 121.726667 | 41.561667 | | | 72.31 | 21.30 | 610 | 3.86 | 158.03 | 1.43 | 0.34 | 2.08 | | |
| LB-18 | 121.666667 | 41.510417 | | | 70.33 | 32.05 | 842 | 4.12 | 204.37 | 1.54 | 0.32 | 2.18 | | |
| BZ09-4 | 121.760467 | 41.677083 | | | 73.76 | 25.53 | 801 | 4.26 | 188.03 | 1.63 | 0.33 | 2.18 | | |
| BZ09-6 | 121.760467 | 41.677083 | 73.66 | 26.76 | 819 | 4.08 | 200.74 | 1.63 | 0.32 | 2.27 | | | | |
| HT09-01 | 121.859500 | 41.944583 | 162 | 1 | 64.69 | 43.03 | 788 | 11.20 | 70.36 | 2.56 | 0.62 | 3.19 | | |
| HT09-02 | 121.859500 | 41.944583 | | | 65.98 | 43.76 | 746 | 8.68 | 85.94 | 2.68 | 0.47 | 3.28 | | |
| HT09-03 | 121.859500 | 41.944583 | | | 66 | 43.58 | 772 | 9.26 | 83.37 | 2.56 | 0.50 | 3.34 | | |
| HT09-04 | 121.848958 | 41.947917 | 161 | 1 | 55.28 | 45.88 | 781 | 13.60 | 57.43 | 2.05 | 0.81 | 2.42 | | |
| HT09-05 | 121.859500 | 41.944583 | 162 | 1 | 66.8 | 43.26 | 740 | 8.51 | 86.96 | 2.12 | 0.55 | 2.68 | | |
| HT09-06 | 121.859500 | 41.944583 | | | 67.12 | 42.27 | 678 | 8.01 | 84.64 | 2.37 | 0.45 | 3.15 | | |
| HT09-07 | 121.859500 | 41.944583 | | | 63.71 | 41.87 | 851 | 11.90 | 71.51 | 2.24 | 0.73 | 2.87 | | |
| HT09-08 | 121.859500 | 41.944583 | | | 66.91 | 42.62 | 763 | 9.57 | 79.73 | 2.31 | 0.57 | 2.87 | | |
| HT09-10 | 121.859500 | 41.944583 | | | 68.14 | 42.29 | 688 | 8.03 | 85.68 | 2.32 | 0.45 | 3.07 | | |
| HT09-11 | 121.848958 | 41.947917 | | | 161 | 1 | 54.54 | 49.97 | 580 | 9.97 | 58.17 | 2.23 | 0.64 | 2.35 |
| HT09-13 | 121.848958 | 41.947917 | | | | | 53.22 | 50.04 | 603 | 8.46 | 71.28 | 2.52 | 0.46 | 2.70 |
| HT09-15 | 121.848958 | 41.947917 | 54.9 | 49.29 | | | 577 | 12.20 | 47.30 | 2.10 | 0.77 | 2.47 | | |
| FX04-2 | 121.877604 | 42.043333 | 158 | 2 | 71.6 | 26.37 | 478 | 8.03 | 59.53 | 2.00 | 0.47 | 2.30 | | |
| FX04-4 | 121.877604 | 42.043333 | | | 70.96 | 18.95 | 607 | 11.00 | 55.18 | 2.18 | 0.63 | 2.66 | | |
| FX04-5 | 121.877604 | 42.043333 | | | 66.5 | 41.26 | 543 | 10.30 | 52.72 | 2.25 | 0.58 | 2.70 | | |
| FX04-16 | 121.877604 | 42.043333 | | | 71.62 | 39.77 | 508 | 9.87 | 51.47 | 1.83 | 0.69 | 1.70 | | |
| FX04-44 | 121.877604 | 42.043333 | | | 72.67 | 31.29 | 451 | 6.25 | 72.16 | 1.59 | 0.50 | 1.94 | | |
| YX-04 | 120.387500 | 40.790000 | 182.5 | 3.8 | 61.5 | 41.36 | 1186 | 9.40 | 126.17 | 2.39 | 0.59 | 3.23 | | |
| YX-06 | 120.412778 | 40.923611 | 181.9 | 3 | 65.47 | 46.68 | 565 | 7.40 | 76.35 | 2.28 | 0.47 | 2.76 | | |
| STTW-03 | 120.635000 | 40.670833 | 160 | 0.67 | 63.02 | 47.43 | 937 | 12.33 | 75.99 | 2.22 | 0.79 | 2.86 | | |
| S7035 | 120.754722 | 40.701111 | 157.1 | 3.5 | 59.62 | 33.43 | 1115 | 7.30 | 152.74 | 3.64 | 0.39 | 4.43 | | |
| TW10 | 123.445000 | 40.715000 | 162.4 | 1.9 | 73.1 | 15.92 | 559 | 5.11 | 109.30 | 1.58 | 0.41 | 1.73 | | |
| TW10 | 123.445000 | 40.715000 | | | 73.43 | 12.91 | 501 | 4.81 | 104.10 | 1.68 | 0.31 | 1.92 | | |
| TW10 | 123.445000 | 40.715000 | | | 75.61 | 13.22 | 497 | 4.56 | 108.90 | 1.37 | 0.41 | 1.63 | | |
| TW10 | 123.445000 | 40.715000 | | | 72.35 | 14.43 | 574 | 5.61 | 102.26 | 1.59 | 0.37 | 1.87 | | |
| TW10 | 123.445000 | 40.715000 | | | 72.81 | 12.00 | 523 | 4.64 | 112.79 | 1.40 | 0.33 | 1.69 | | |
| TW10 | 123.445000 | 40.715000 | | | 72.28 | 12.38 | 529 | 4.86 | 108.79 | 1.47 | 0.37 | 1.77 | | |

续附表 3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | Mg [#] | Sr (×10 ⁻⁶) | Y (×10 ⁻⁶) | Sr/Y | Dy/Yb | Yb _N | (Sm/Yb) _N |
|----------|------------|-----------|------------|-----|-------------------------|-----------------|----------------------------|---------------------------|--------|-------|-----------------|----------------------|
| TW04 | 124.200833 | 40.175000 | 158 | 2.7 | 72.04 | 28.09 | 565 | 7.08 | 79.80 | 2.10 | 0.49 | 2.69 |
| TW04 | 124.200833 | 40.175000 | | | 71.52 | 28.53 | 635 | 6.13 | 103.59 | 2.71 | 0.34 | 4.34 |
| TW04 | 124.200833 | 40.175000 | | | 72.02 | 30.30 | 558 | 5.70 | 97.89 | 2.42 | 0.37 | 3.65 |
| TW04 | 124.200833 | 40.175000 | | | 72.93 | 31.74 | 655 | 5.18 | 126.45 | 2.93 | 0.27 | 4.68 |
| TW04 | 124.200833 | 40.175000 | | | 72.33 | 38.94 | 636 | 5.07 | 125.44 | 2.73 | 0.29 | 4.17 |
| T17-1 | 124.265833 | 40.136667 | 122.7 | 1.6 | 72 | 37.55 | 401 | 7.00 | 57.29 | 2.50 | 0.40 | 3.39 |
| TW005 | 124.265833 | 40.136667 | | | 73.5 | 38.14 | 387 | 7.50 | 51.60 | 2.14 | 0.47 | 2.75 |
| | 124.265833 | 40.136667 | | | 72.6 | 39.63 | 391 | 8.50 | 46.00 | 2.13 | 0.53 | 2.81 |
| | 124.265833 | 40.136667 | | | 73.09 | 37.49 | 393 | 7.00 | 56.14 | 2.33 | 0.40 | 3.39 |
| | 124.265833 | 40.136667 | | | 73.06 | 36.58 | 389 | 7.90 | 49.24 | 2.29 | 0.47 | 2.83 |
| HDN-1 | 123.666667 | 40.513889 | 139 | 0.2 | 62.6 | 34.40 | 743 | 14.30 | 51.96 | 1.70 | 1.00 | 2.12 |
| HDN-1 | 123.666667 | 40.513889 | | | 69.3 | 34.53 | 407 | 13.90 | 29.28 | 1.64 | 0.93 | 1.27 |
| HDN-1 | 123.666667 | 40.513889 | | | 64.1 | 30.42 | 669 | 12.40 | 53.95 | 1.64 | 0.86 | 2.33 |
| FW01-57 | 121.838611 | 39.195833 | 130 | 5 | 73.09 | 41.39 | 440 | 0.78 | 562.08 | 2.30 | 0.06 | 2.84 |
| SL0585 | 122.015833 | 39.513611 | 126 | 6 | 66.9 | 38.13 | 480 | 8.05 | 59.65 | 2.76 | 0.48 | 3.95 |
| SL0585 | 122.015833 | 39.513611 | | | 67.4 | 38.88 | 517 | 8.42 | 61.47 | 3.54 | 0.44 | 5.00 |
| SL0585 | 122.015833 | 39.513611 | | | 67.24 | 41.19 | 549 | 9.69 | 56.68 | 3.32 | 0.43 | 5.00 |
| SL0585 | 122.015833 | 39.513611 | | | 67.66 | 37.03 | 472 | 9.61 | 49.13 | 3.07 | 0.47 | 4.09 |
| SL0694 | 122.254722 | 39.557778 | 116 | 5 | 71.54 | 26.02 | 399 | 7.12 | 55.98 | 2.91 | 0.39 | 6.07 |
| SK14-1 | 122.165833 | 39.354167 | 120 | 4 | 69.88 | 33.60 | 605 | 14.90 | 40.59 | 2.89 | 0.76 | 3.02 |
| 15DA03-1 | 123.393611 | 40.049444 | 121 | 1 | 71.61 | 26.29 | 455 | 8.04 | 56.59 | 1.86 | 0.51 | 2.07 |
| 15DA30-1 | 123.146944 | 39.928611 | 122 | 1 | 71.22 | 22.88 | 787 | 5.56 | 141.55 | 2.33 | 0.31 | 2.91 |
| 15DA31-1 | 123.173889 | 39.922778 | | | 72.62 | 15.54 | 703 | 5.59 | 125.76 | 2.31 | 0.30 | 2.98 |
| 15DA39-1 | 123.345556 | 40.013611 | | | 75.92 | 21.58 | 496 | 4.84 | 102.48 | 2.06 | 0.32 | 2.99 |
| 15DA41-1 | 123.304722 | 40.031944 | | | 70.38 | 14.59 | 614 | 7.18 | 85.52 | 2.46 | 0.37 | 3.03 |
| 15DA43-1 | 123.445000 | 40.084722 | | | 72.83 | 29.40 | 468 | 4.31 | 108.58 | 2.46 | 0.27 | 3.97 |
| YX-02 | 120.223889 | 40.920278 | 123.2 | 1.6 | 60.11 | 26.23 | 616 | 14.39 | 42.81 | 2.11 | 0.89 | 1.86 |
| 05SD39 | 122.358856 | 36.887310 | 211 | 2 | 63.76 | 37.25 | 2081 | 20.70 | 100.53 | 1.72 | 1.41 | 2.04 |
| 03R066 | 122.104850 | 37.151400 | 159 | 1 | 61.56 | 39.78 | 895 | 17.70 | 50.56 | 2.25 | 1.05 | 2.72 |
| 03R067 | 122.104850 | 37.151400 | | | 61.38 | 37.72 | 915 | 18.60 | 49.19 | 2.24 | 1.13 | 2.50 |
| 03R069 | 122.104850 | 37.151400 | | | 61.99 | 38.33 | 876 | 20.70 | 42.32 | 2.15 | 1.28 | 2.74 |
| 03R74-1 | 122.104850 | 37.151400 | | | 60.24 | 38.88 | 930 | 20.80 | 44.71 | 2.31 | 1.23 | 2.59 |
| 03R75-1 | 122.104850 | 37.151400 | | | 61.99 | 38.65 | 860 | 17.90 | 48.04 | 2.16 | 1.11 | 2.50 |
| 08G40 | 120.191667 | 37.208333 | 158 | 2 | 72.3 | 25.79 | 965 | 4.50 | 214.44 | 2.12 | 0.23 | 3.07 |
| 08G42 | 120.000000 | 37.183333 | 157 | 2 | 73.9 | 9.01 | 401 | 4.56 | 87.94 | 1.61 | 0.27 | 1.25 |
| 15PL02 | 120.729170 | 37.375000 | 158 | 2 | 71.2 | 23.45 | 726 | 8.07 | 89.97 | 1.96 | 0.49 | 2.24 |
| 15PL12 | 120.729170 | 37.375000 | | | 72.0 | 23.12 | 632 | 7.51 | 84.10 | 2.30 | 0.39 | 2.28 |
| 15PL37 | 121.072900 | 37.638800 | 166 | 1 | 72.9 | 20.06 | 470 | 8.00 | 58.67 | 3.36 | 0.30 | 4.70 |
| 15PL38 | 121.072900 | 37.638800 | | | 72.1 | 18.22 | 698 | 9.43 | 74.02 | 1.35 | 0.67 | 0.94 |
| 08LX12 | 117.750000 | 35.400000 | 184.7 | 1 | 62.8 | 30.72 | 1271 | 19.50 | 65.18 | 1.97 | 1.27 | 2.20 |
| 08LX13 | 117.750000 | 35.400000 | | | 64.1 | 28.22 | 1264 | 18.00 | 70.22 | 1.90 | 1.24 | 1.99 |
| 08LX14 | 117.750000 | 35.400000 | | | 63.4 | 27.97 | 1339 | 21.90 | 61.14 | 1.97 | 1.43 | 1.90 |
| 08LX15 | 117.750000 | 35.400000 | | | 63.3 | 27.96 | 1267 | 19.90 | 63.67 | 1.96 | 1.37 | 1.97 |
| 08LX16 | 117.750000 | 35.400000 | | | 63.5 | 31.60 | 1040 | 18.30 | 56.83 | 1.93 | 1.17 | 1.98 |
| 08LX17 | 117.780000 | 35.350000 | 181.5 | 0.9 | 65.6 | 25.76 | 1371 | 17.40 | 78.79 | 1.86 | 1.17 | 1.71 |
| 08LX18 | 117.780000 | 35.350000 | | | 65.8 | 24.96 | 1184 | 18.70 | 63.32 | 1.81 | 1.25 | 1.66 |
| 08LX19 | 117.780000 | 35.350000 | | | 62.4 | 27.29 | 1387 | 22.10 | 62.76 | 1.62 | 1.69 | 1.61 |
| 08LX28 | 117.780000 | 35.350000 | | | 63.6 | 27.58 | 1093 | 19.60 | 55.77 | 1.70 | 1.45 | 1.78 |
| 08LX30 | 117.780000 | 35.350000 | | | 62.7 | 29.76 | 764 | 16.80 | 45.48 | 1.87 | 1.20 | 1.72 |
| 08LX32 | 117.780000 | 35.350000 | | | 63.0 | 27.92 | 852 | 16.50 | 51.64 | 1.98 | 1.08 | 1.92 |
| 08LX41 | 117.780000 | 35.350000 | | | 64.2 | 29.57 | 1410 | 17.10 | 82.46 | 1.88 | 1.15 | 1.77 |
| 08LX44 | 117.780000 | 35.350000 | | | 62.6 | 31.66 | 1378 | 22.60 | 60.97 | 2.04 | 1.46 | 1.85 |
| 08LX25 | 117.740000 | 35.340000 | | | 180.1 | 0.7 | 61.0 | 22.91 | 958 | 20.10 | 47.66 | 1.81 |
| 08LX35 | 117.760000 | 35.360000 | 180.5 | 0.9 | 62.7 | 6.74 | 1071 | 4.30 | 249.07 | 3.25 | 0.16 | 7.06 |

续附表 3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | Mg [#] | Sr (×10 ⁻⁶) | Y (×10 ⁻⁶) | Sr/Y | Dy/Yb | Yb _N | (Sm/Yb) _N |
|------------|------------|-----------|------------|-----|-------------------------|-----------------|----------------------------|---------------------------|---------|-------|-----------------|----------------------|
| 08G32 | 119.916667 | 37.416667 | 129 | 1 | 70.7 | 36.87 | 1002 | 3.25 | 308.31 | 1.83 | 0.20 | 3.01 |
| 08-LL-01 | 120.366667 | 37.450000 | 141 | 8 | 74 | 31.45 | 913 | 5.20 | 175.58 | 3.59 | 0.19 | 7.23 |
| 08-GJL-02 | 120.766667 | 37.500000 | 130.6 | 2.2 | 67.1 | 49.36 | 1058 | 2.98 | 355.03 | 3.18 | 0.11 | 6.39 |
| 07-QSGY-03 | 119.053290 | 35.499254 | 128.7 | 4.2 | 70.3 | 39.00 | 821 | 5.80 | 141.55 | 2.20 | 0.33 | 2.78 |
| 08-DC-01 | 120.515279 | 36.182278 | 125.1 | 3.1 | 73.9 | 27.24 | 557 | 14.80 | 37.64 | 1.67 | 1.00 | 1.78 |
| 07-RZ-01 | 119.529190 | 35.419832 | 123.2 | 4.7 | 66.9 | 45.55 | 987 | 18.70 | 52.78 | 2.00 | 1.13 | 2.33 |
| 08-YJZ-03 | 120.641696 | 36.348393 | 118 | 3.9 | 74.9 | 32.76 | 332 | 8.50 | 39.06 | 2.00 | 0.53 | 2.21 |
| SD-11 | 121.670833 | 36.941667 | 118 | 1 | 76.02 | 41.51 | 523 | 7.40 | 70.68 | 2.14 | 0.47 | 2.44 |
| SD-31 | 121.001389 | 37.200000 | 113 | 2 | 67.49 | 67.82 | 541 | 12.90 | 41.94 | 1.71 | 0.87 | 2.30 |
| SD13-09 | 120.831757 | 36.975678 | 119 | 1 | 62.24 | 51.93 | 796 | 11.20 | 71.07 | 1.88 | 0.68 | 2.12 |
| YFD-8 | 115.866667 | 31.133333 | 143 | 3 | 67.9 | 70.70 | 1000 | 7.21 | 138.70 | 3.22 | 0.32 | 5.99 |
| EGB-8 | 115.750000 | 31.133333 | 142 | 2 | 72.94 | 61.75 | 393 | 4.93 | 79.72 | 3.23 | 0.20 | 4.15 |
| 06LS-2 | 115.666667 | 31.800000 | 139 | 3 | 70.61 | 37.11 | 951 | 4.10 | 231.95 | 4.36 | 0.15 | 11.42 |
| 06FJ-1 | 115.466667 | 31.850000 | 138 | 3 | 71.95 | 45.46 | 832 | 4.30 | 193.49 | 2.80 | 0.20 | 4.99 |
| DB03C-35 | 115.937500 | 31.041667 | 133 | 4 | 65.58 | 64.77 | 904 | 15.80 | 57.22 | 2.64 | 0.85 | 3.52 |
| DB02-12 | 116.500000 | 30.883333 | | 1 | 70.67 | 57.64 | 723 | 4.40 | 164.32 | 3.55 | 0.21 | 7.23 |
| MC00-1 | 115.625000 | 30.083333 | 132 | 1 | 64.97 | 80.62 | 813 | 11.56 | 70.33 | 2.25 | 0.75 | 2.57 |
| MC21-3 | 115.625000 | 30.083333 | | 1 | 59.15 | 78.40 | 777 | 20.90 | 37.18 | 2.20 | 1.40 | 2.17 |
| 04TT-10 | 115.666667 | 31.166667 | 130 | 3 | 66.48 | 54.01 | 910 | 8.62 | 105.61 | 3.02 | 0.41 | 5.90 |
| FZL-3 | 115.950000 | 31.133333 | 129 | 3 | 71.58 | 55.70 | 768 | 0.67 | 1146.27 | 3.52 | 0.03 | 16.86 |
| DB123 | 116.376111 | 30.916111 | 128 | 2 | 59.56 | 65.25 | 892 | 23.17 | 38.50 | 2.34 | 1.28 | 2.31 |
| TZS-05 | 116.426926 | 30.536242 | 127.8 | 0.7 | 68.12 | 72.07 | 543 | 14.60 | 37.19 | 1.93 | 0.89 | 1.99 |
| QTJ-2 | 117.500000 | 31.675000 | | | 56.2 | 66.97 | 889 | 15.80 | 56.29 | 2.33 | 1.00 | 2.75 |
| QTJ-3 | 117.500000 | 31.675000 | | | 63.4 | 62.24 | 968 | 23.50 | 41.19 | 2.30 | 1.25 | 2.50 |
| QTJ-4 | 117.500000 | 31.675000 | 132 | 1.8 | 62.5 | 60.23 | 1040 | 14.30 | 72.73 | 2.54 | 0.75 | 2.74 |
| QTJ-5 | 117.500000 | 31.675000 | | | 62.2 | 60.52 | 816 | 13.80 | 59.13 | 2.35 | 0.76 | 2.06 |
| TLF02 | 117.572222 | 31.733333 | 126.9 | 1 | 68.77 | 30.79 | 876 | 15.00 | 58.40 | 2.21 | 0.87 | 2.00 |
| TLF11 | 117.550000 | 31.683333 | 120.3 | 0.7 | 72.87 | 37.37 | 793 | 16.50 | 48.06 | 2.33 | 0.92 | 2.09 |
| 09OT07 | 117.929585 | 32.377311 | 129.2 | 4.1 | 65.33 | 43.77 | 933 | 5.89 | 158.40 | 4.76 | 0.17 | 5.86 |
| 09OT12 | 117.929585 | 32.377311 | 124.6 | 2.9 | 64.75 | 49.22 | 362 | 8.01 | 45.19 | 2.47 | 0.39 | 2.41 |
| 15DY01 | 117.983833 | 32.434056 | | | 64.46 | 57.69 | 516 | 8.90 | 57.98 | 1.89 | 0.62 | 2.05 |
| 15DY01 | 117.983833 | 32.434056 | | | 69.08 | 52.41 | 606 | 8.97 | 67.54 | 1.98 | 0.59 | 2.04 |
| 15DY01 | 117.983833 | 32.434056 | 131.2 | 1 | 65.91 | 58.26 | 479 | 10.20 | 46.93 | 1.58 | 0.77 | 1.70 |
| 15DY01 | 117.983833 | 32.434056 | | | 65.56 | 56.83 | 459 | 8.40 | 54.60 | 2.15 | 0.52 | 2.31 |
| 15DY02 | 117.983833 | 32.434056 | | | 64.1 | 54.26 | 480 | 10.60 | 45.24 | 2.14 | 0.63 | 1.99 |
| 15DY02 | 117.983833 | 32.434056 | 130.5 | 1.1 | 67.5 | 73.27 | 420 | 8.60 | 48.84 | 1.88 | 0.63 | 1.59 |
| 04GD-2 | 118.008957 | 32.670593 | | | 66.91 | 78.57 | 581 | 9.70 | 59.86 | 1.91 | 0.65 | 1.85 |
| 04GD-2 | 118.008957 | 32.670593 | | | 62.7 | 58.73 | 527 | 8.15 | 64.72 | 1.88 | 0.45 | 1.88 |
| 04GD-2 | 118.008957 | 32.670593 | | | 60.1 | 59.28 | 628 | 8.20 | 76.56 | 2.09 | 0.53 | 2.69 |
| 04GD-2 | 118.008957 | 32.670593 | 131.5 | 1.6 | 67.83 | 56.07 | 852 | 13.80 | 61.74 | 2.19 | 0.76 | 2.17 |
| 04GD-2 | 118.008957 | 32.670593 | | | 61.9 | 57.96 | 976 | 14.80 | 65.95 | 2.24 | 0.85 | 2.13 |
| 04GD-2 | 118.008957 | 32.670593 | | | 61.26 | 58.52 | 612 | 10.10 | 60.59 | 1.99 | 0.60 | 1.95 |
| DMC-1 | 118.187500 | 32.841667 | | | 58.9 | 50.84 | 861 | 15.30 | 56.27 | 2.19 | 0.84 | 2.08 |
| DMC-1 | 118.187500 | 32.841667 | | | 62 | 51.39 | 894 | 15.70 | 56.94 | 2.19 | 0.85 | 2.12 |
| DMC-1 | 118.187500 | 32.841667 | 128 | 1 | 62.5 | 50.04 | 949 | 17.10 | 55.50 | 2.57 | 0.91 | 2.65 |
| DMC-1 | 118.187500 | 32.841667 | | | 62.6 | 53.53 | 794 | 17.70 | 44.86 | 2.34 | 0.99 | 2.57 |
| XLZ-1 | 118.494444 | 32.666667 | | | 65.9 | 52.16 | 769 | 18.10 | 42.49 | 2.48 | 0.97 | 2.43 |
| XLZ-1 | 118.494444 | 32.666667 | | | 66 | 56.84 | 775 | 17.40 | 44.54 | 2.41 | 0.95 | 2.45 |
| XLZ-1 | 118.494444 | 32.666667 | 125 | 1 | 66.1 | 57.02 | 743 | 11.10 | 66.94 | 1.84 | 0.71 | 1.70 |
| XLZ-1 | 118.494444 | 32.666667 | | | 66.1 | 57.66 | 782 | 10.40 | 75.19 | 2.12 | 0.61 | 1.88 |
| FJZ-1 | 117.988889 | 32.666667 | | | 60.4 | 60.38 | 820 | 10.10 | 81.19 | 2.08 | 0.60 | 1.84 |
| FJZ-1 | 117.988889 | 32.666667 | | | 61.7 | 57.71 | 807 | 10.70 | 75.42 | 2.04 | 0.65 | 1.87 |
| FJZ-1 | 117.988889 | 32.666667 | 129 | 1 | 60.5 | 58.29 | 911 | 15.50 | 58.77 | 2.17 | 0.91 | 1.93 |
| FJZ-1 | 117.988889 | 32.666667 | | | 60.3 | 61.30 | 780 | 15.90 | 49.06 | 2.25 | 0.90 | 1.94 |

续附表 3

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | Mg [#] | Sr (×10 ⁻⁶) | Y (×10 ⁻⁶) | Sr/Y | Dy/Yb | Yb _N | (Sm/Yb) _N |
|--------|------------|-----------|------------|-----|-------------------------|-----------------|----------------------------|---------------------------|--------|-------|-----------------|----------------------|
| BB7-4 | 117.414600 | 32.866632 | 129.3 | 4.8 | 73.24 | 33.43 | 921 | 15.40 | 59.81 | 2.24 | 0.89 | 1.97 |
| BB7-8 | 117.414600 | 32.866632 | | | 72.09 | 35.40 | 939 | 16.50 | 56.91 | 2.27 | 0.95 | 1.94 |
| BB7-12 | 117.414600 | 32.866632 | | | 72.26 | 35.79 | 505 | 8.81 | 57.32 | 1.71 | 0.47 | 1.86 |
| BB9 | 117.847595 | 33.057019 | 130.1 | 3.2 | 72.87 | 43.40 | 532 | 10.50 | 50.67 | 1.90 | 0.46 | 2.41 |
| BB9-2 | 117.847595 | 33.057019 | | | 72.94 | 38.48 | 526 | 11.60 | 45.34 | 1.89 | 0.55 | 2.18 |
| BB9-3 | 117.847595 | 33.057019 | | | 71.95 | 43.90 | 877 | 5.19 | 168.98 | 1.74 | 0.29 | 1.82 |
| BB1 | 117.491570 | 32.929454 | 130 | 2 | 70.49 | 39.24 | 434 | 6.22 | 69.77 | 2.12 | 0.35 | 2.45 |
| BB1-5 | 117.491570 | 32.929454 | | | 70.54 | 39.67 | 634 | 8.66 | 73.21 | 2.06 | 0.36 | 2.73 |
| BB1-6 | 117.491570 | 32.929454 | | | 70.35 | 41.13 | 628 | 6.00 | 104.67 | 2.04 | 0.36 | 2.84 |
| LG1 | 117.333333 | 34.500000 | 131.1 | 3.4 | 60.74 | 78.33 | 667 | 7.51 | 88.81 | 1.98 | 0.31 | 2.74 |
| J25 | 117.166667 | 34.000000 | 132.2 | 4.1 | 61.41 | 74.85 | 612 | 5.42 | 112.92 | 1.90 | 0.35 | 2.47 |

注:SN表示均一化来源的数据,假设岩浆来源于镁铁质下地壳($Yb=1.5 \times 10^{-6}$; $Sm/Yb=1.87$)(Ma Qiang et al., 2015)。同一个岩体有很多年龄,取所有年龄的平均数代表该岩体形成时代。

附表 4 A 型花岗岩地球化学特征表

Appendix 4 Geochemical characteristics of A-type granitoids

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | TiO ₂ (%) | Al ₂ O ₃ (%) | Fe ₂ O ₃ (%) | MnO (%) | MgO (%) | CaO (%) | Na ₂ O (%) | K ₂ O (%) | P ₂ O ₅ (%) | FeO (%) | FeO* (%) | Mg# (×10 ⁻⁶) | Ga (×10 ⁻⁶) | Ga/Al | Zr+Nb+ Ce+Y (×10 ⁻⁶) | Na ₂ O+ K ₂ O (%) | (Na ₂ O+ K ₂ O) /CaO | σEu |
|---------|--------|-------|------------|-----|-------------------------|-------------------------|---------------------------------------|---------------------------------------|------------|------------|------------|--------------------------|-------------------------|--------------------------------------|------------|-------------|-----------------------------|----------------------------|--------|--|---|--|-----|
| 16L16-1 | 124.02 | 40.83 | | | 77.33 | 0.07 | 12.11 | 1.08 | 0.01 | 0.11 | 0.15 | 3.91 | 4.24 | 0.01 | | | 27.70 | 4.32 | 296.60 | 8.15 | 54.33 | 0.04 | |
| 16L16-1 | 124.02 | 40.83 | 215 | 2 | 78.01 | 0.08 | 11.75 | 1.27 | 0.01 | 0.15 | 0.11 | 3.63 | 4.33 | 0.01 | | | 26.70 | 4.29 | 337.80 | 7.96 | 72.36 | 0.03 | |
| 16L16-1 | 124.02 | 40.83 | | | 77.9 | 0.07 | 12.06 | 1.14 | 0.01 | 0.14 | 0.13 | 3.97 | 4.06 | 0.01 | | | 27.80 | 4.35 | 334.50 | 8.03 | 61.77 | 0.05 | |
| HG-TY1 | 124.69 | 42.51 | | | 73.82 | 0.14 | 13.72 | 1.21 | 0.04 | 0.28 | 0.19 | 2.6 | 5.67 | 0.02 | 0.58 | | | | 447.30 | 8.27 | 43.53 | 0.2 | |
| HG-TY2 | 124.74 | 42.51 | 117 | 1 | 69.53 | 0.46 | 15.08 | 2.56 | 0.07 | 0.95 | 0.2 | 3.08 | 4.06 | 0.07 | 0.77 | | | | 494.20 | 7.14 | 35.70 | 0.64 | |
| HG-N1 | 124.71 | 42.51 | | | 75.63 | 0.13 | 12.3 | 1.53 | 0.04 | 0.53 | 0.05 | 3.3 | 4.31 | 0.02 | 0.71 | | | | 580.50 | 7.61 | 152.20 | 0.1 | |
| DWN-1 | 123.68 | 40.51 | | | 76.5 | 0.05 | 12.65 | | 0.06 | 0.05 | 0.52 | 3.88 | 4.59 | 0.01 | | 1.10 | 8.26 | | 139.80 | 8.47 | 16.29 | 0.29 | |
| DWN-1 | 123.68 | 40.51 | 136.9 | 0.7 | 75.7 | 0.05 | 12.5 | | 0.05 | 0.07 | 0.37 | 3.69 | 4.68 | 0.01 | | 1.08 | 11.38 | | 144.90 | 8.37 | 22.62 | 0.29 | |
| DWN-1 | 123.68 | 40.51 | | | 76.3 | 0.05 | 12.6 | | 0.03 | 0.05 | 0.31 | 3.78 | 4.72 | 0.91 | | 1.07 | 8.47 | | 173.50 | 8.50 | 27.42 | 0.24 | |
| DWN-1 | 123.68 | 40.51 | | | 76.9 | 0.05 | 12.5 | | 0.06 | 0.05 | 0.48 | 3.86 | 4.56 | 0.01 | | 1.09 | 8.33 | | 147.60 | 8.42 | 17.54 | 0.27 | |
| ND015-1 | 124.33 | 41.05 | | | 73.43 | 0.21 | 12.93 | 1.74 | 0.07 | 0.16 | 0.69 | 4.02 | 4.51 | 0.02 | 1.13 | | 20.15 | | 617.80 | 8.53 | 12.36 | 0.22 | |
| ND015-1 | 124.33 | 41.05 | 126.4 | 1.5 | 76.44 | 0.11 | 12.45 | 1.51 | 0.04 | 0.19 | 0.13 | 4.05 | 4.12 | 0.01 | 0.29 | | 53.87 | | 522.80 | 8.17 | 62.85 | 0.09 | |
| ND015-1 | 124.33 | 41.05 | | | 73.08 | 0.26 | 13.19 | 1.65 | 0.13 | 0.15 | 0.28 | 4.1 | 4.62 | 0.42 | 0.7 | | 43.16 | | 407.90 | 8.72 | 31.14 | 0.48 | |
| ND015-1 | 124.33 | 41.05 | | | 73.4 | 0.22 | 13.61 | 2.22 | 0.07 | 0.23 | 0.26 | 4.14 | 4.74 | 0.26 | 0.68 | | 37.61 | | 669.00 | 8.88 | 34.15 | 0.25 | |
| NP32 | 124.35 | 41.06 | | | 70.64 | 0.44 | 14.13 | 1.42 | 0.12 | 0.67 | 1.03 | 4.93 | 4.18 | 0.1 | 1.77 | | 40.29 | | 265.70 | 9.11 | 8.84 | 0.38 | |
| NP32 | 124.35 | 41.06 | 125.7 | 1.5 | 71.84 | 0.38 | 14.7 | 2.46 | 0.07 | 0.46 | 0.38 | 4.88 | 4.59 | 0.09 | 0.39 | | 67.77 | | 242.20 | 9.47 | 24.92 | 0.35 | |
| NP32 | 124.35 | 41.06 | | | 71.6 | 0.47 | 12.75 | 2.1 | 0.12 | 0.84 | 1.5 | 3.97 | 3.89 | 0.12 | 1.8 | | 45.41 | | 301.70 | 7.86 | 5.24 | 0.31 | |
| NP32 | 124.35 | 41.06 | | | 70.74 | 0.42 | 13.9 | 2.33 | 0.09 | 0.5 | 0.7 | 4.77 | 4.58 | 0.12 | 0.82 | | 52.08 | | 260.00 | 9.35 | 13.36 | 0.36 | |
| NJC-5 | 124.45 | 41.15 | | | 71.24 | 0.27 | 14.55 | 2.43 | 0.06 | 0.4 | 0.77 | 4.56 | 5 | 0.08 | 1.07 | | 39.99 | | 435.50 | 9.56 | 12.42 | 0.36 | |
| NJC-5 | 124.45 | 41.15 | | | 71.29 | 0.28 | 14.55 | 2.54 | 0.07 | 0.36 | 0.6 | 4.65 | 4.74 | 0.08 | 1.02 | | 38.62 | | 541.30 | 9.39 | 15.65 | 0.33 | |
| NJC-5 | 124.45 | 41.15 | 127.1 | 0.6 | 73.1 | 0.15 | 14.26 | 1.79 | 0.05 | 0.03 | 0.22 | 4.63 | 5.11 | 0.01 | 0.41 | | 11.54 | | 424.80 | 9.74 | 44.27 | 0.54 | |
| NJC-5 | 124.45 | 41.15 | | | 72.22 | 0.18 | 14.34 | 2.03 | 0.05 | 0.06 | 0.28 | 4.61 | 5.15 | 0.03 | 0.53 | | 16.79 | | 465.90 | 9.76 | 34.86 | 0.31 | |
| NJC-5 | 124.45 | 41.15 | | | 73.46 | 0.12 | 13.99 | 1.86 | 0.04 | 0.08 | 0.17 | 4.78 | 4.95 | 0.01 | 0.84 | | 14.51 | | 482.90 | 9.73 | 57.24 | 0.17 | |
| NFC-1 | 124.05 | 40.41 | | | 75.06 | 0.07 | 13.06 | 1.85 | 0.07 | 0.04 | 0.17 | 4.49 | 4.65 | | 0.93 | | 1.12 | | 318.20 | 9.14 | 53.76 | 0.14 | |
| NFC-1 | 124.05 | 40.41 | | | 75.51 | 0.1 | 12.8 | 1.99 | 0.07 | 0.07 | 0.28 | 4.57 | 4.49 | | 1.06 | | 10.53 | | 438.40 | 9.06 | 32.36 | 0.08 | |
| NFC-1 | 124.05 | 40.41 | 125.6 | 0.6 | 76.25 | 0.06 | 12.91 | 1.59 | 0.06 | 0.05 | 0.15 | 4.51 | 4.53 | | 0.66 | | 11.9 | | 306.70 | 9.04 | 60.27 | 0.2 | |
| NFC-1 | 124.05 | 40.41 | | | 75.39 | 0.08 | 12.78 | 1.86 | 0.07 | 0.06 | 0.27 | 4.6 | 4.52 | | 1.08 | | 9.01 | | 342.80 | 9.12 | 33.78 | 0.11 | |
| NFC-1 | 124.05 | 40.41 | | | 75.93 | 0.07 | 12.94 | 1.83 | 0.07 | 0.05 | 0.19 | 4.63 | 4.58 | | 0.94 | | 8.66 | | 359.30 | 9.21 | 48.47 | 0.09 | |
| NYD-10 | 125.04 | 40.79 | | | 72.64 | 0.31 | 12.49 | 4.26 | 0.03 | 0.12 | 0.28 | 2.8 | 5.24 | 0.03 | 0.92 | | 18.86 | 2.92 | 617.80 | 8.04 | 28.71 | 0.47 | |
| NYD-10 | 125.04 | 40.79 | | | 73.54 | 0.26 | 12.22 | 4.85 | 0.04 | 0.08 | 0.28 | 3.05 | 5.12 | 0.01 | 2.05 | | 6.5 | 2.91 | 525.00 | 8.17 | 29.18 | 0.57 | |
| NYD-10 | 125.04 | 40.79 | 128.6 | 0.6 | 73.51 | 0.32 | 12.78 | 4.54 | 0.04 | 0.08 | 1.2 | 4.16 | 2.57 | 0.02 | 1.31 | | 9.82 | 3.15 | 525.20 | 6.73 | 5.61 | 0.41 | |
| NYD-10 | 125.04 | 40.79 | | | 72.2 | 0.32 | 12.74 | 4.56 | 0.07 | 0.11 | 1.37 | 2.99 | 5.04 | 0.03 | 2.12 | | 8.46 | 2.79 | 598.50 | 8.03 | 5.86 | 0.68 | |
| NYD-10 | 125.04 | 40.79 | | | 74.28 | 0.28 | 12.55 | 3.11 | 0.05 | 0.44 | 0.14 | 2.56 | 5.35 | 0.03 | 1.41 | | 35.74 | 2.77 | 623.30 | 7.91 | 56.50 | 0.45 | |

续附表 4

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | TiO ₂ (%) | Al ₂ O ₃ (%) | Fe ₂ O ₃ (%) | MnO (%) | MgO (%) | CaO (%) | Na ₂ O (%) | K ₂ O (%) | P ₂ O ₅ (%) | FeO (%) | FeO* (%) | Mg# | Ga (×10 ⁻⁶) | Ca/Al | Zr+Nb+Ce+Y (×10 ⁻⁶) | Na ₂ O+K ₂ O (%) | (Na ₂ O+K ₂ O)/CaO | σEu |
|----------|--------|-------|---------|-----|----------------------|----------------------|------------------------------------|------------------------------------|---------|---------|---------|-----------------------|----------------------|-----------------------------------|---------|----------|-------|-------------------------|-------|---------------------------------|--|--|------|
| T10-1 | 124.21 | 40.76 | | | 72.38 | 0.16 | 14.17 | 2.2 | 0.06 | 0.15 | 0.28 | 3.84 | 5.76 | 0.03 | 0.66 | | | | | 324.36 | 9.60 | 34.29 | 0.29 |
| T10-1 | 124.21 | 40.76 | | | 73.42 | 0.14 | 13.68 | 1.85 | 0.06 | 0.28 | 0.32 | 4.08 | 4.94 | 0.03 | 0.86 | | | | | 283.12 | 9.02 | 28.19 | 0.37 |
| T10-1 | 124.21 | 40.76 | | | 72.77 | 0.17 | 13.9 | 2.32 | 0.08 | 0.21 | 0.34 | 4.01 | 5.16 | 0.04 | 0.79 | | | | | 310.92 | 9.17 | 26.97 | 0.39 |
| T11-1 | 124.13 | 40.69 | 122 | 2 | 72.24 | 0.18 | 13.81 | 2.46 | 0.09 | 0.33 | 0.42 | 4.26 | 5.28 | 0.04 | 1.27 | | | | | 345.11 | 9.54 | 22.71 | 0.27 |
| T11-1 | 124.13 | 40.69 | | | 71.81 | 0.24 | 14.06 | 3.05 | 0.08 | 0.37 | 0.28 | 3.64 | 5.14 | 0.02 | 1.4 | | | | | 363.57 | 8.78 | 31.36 | 0.29 |
| T11-1 | 124.13 | 40.69 | | | 66.41 | 0.64 | 15.49 | 4.68 | 0.09 | 0.99 | 0.99 | 4.23 | 4.8 | 0.19 | 2.25 | | | | | 413.06 | 9.03 | 9.12 | 0.54 |
| T12-2 | 124.04 | 40.71 | | | 65.65 | 0.64 | 15.22 | 6.31 | 0.03 | 1.83 | 0.33 | 3.64 | 3.52 | 0.13 | 2.91 | | | | | 397.89 | 7.16 | 21.70 | 0.43 |
| T12-2 | 124.04 | 40.71 | | | 73.62 | 0.15 | 13.4 | 2.4 | 0.07 | 0.22 | 0.3 | 4.05 | 5.19 | 0.01 | 1.4 | | | | | 326.58 | 9.24 | 30.80 | 0.19 |
| 15DA04-1 | 123.25 | 39.99 | | | 69.17 | 0.57 | 15.06 | 2.95 | 0.04 | 0.71 | 2.46 | 3.59 | 4.09 | 0.13 | | | 32 | 21.00 | 2.63 | 354.85 | 7.68 | 3.12 | 0.94 |
| 15DA29-1 | 123.08 | 39.93 | | | 68.81 | 0.44 | 14.75 | 3.09 | 0.05 | 1.33 | 2.71 | 3.42 | 4.25 | 0.11 | | | 46 | 20.00 | 2.56 | 369.13 | 7.67 | 2.83 | 0.71 |
| 15DA33-1 | 123.26 | 39.97 | 121 | 1 | 72.01 | 0.33 | 14.09 | 2.55 | 0.04 | 0.3 | 1.3 | 3.6 | 4.85 | 0.07 | | | 19 | 21.00 | 2.82 | 385.24 | 8.45 | 6.50 | 0.44 |
| 15DA37-1 | 123.33 | 39.96 | | | 72.67 | 0.32 | 14.34 | 1.87 | 0.03 | 0.2 | 1.18 | 3.25 | 4.96 | 0.07 | | | 17 | 22.00 | 2.90 | 408.25 | 8.21 | 6.96 | 0.72 |
| 15DA44-1 | 123.45 | 40.04 | | | 72.31 | 0.26 | 14.24 | 1.82 | 0.02 | 0.25 | 1.32 | 3.21 | 4.59 | 0.08 | | | 21 | 22.00 | 2.92 | 354.59 | 7.80 | 5.91 | 0.62 |
| 15DA45-1 | 123.45 | 40.03 | 123 | 1 | 73.14 | 0.28 | 14.1 | 1.91 | 0.02 | 0.2 | 1.25 | 2.91 | 5.16 | 0.06 | | | 17 | 19.50 | 2.61 | 370.64 | 8.07 | 6.46 | 0.8 |
| JZS-01 | 122.40 | 36.91 | | | 63.57 | 0.32 | 18.45 | 2.37 | 0.11 | 0.35 | 1.37 | 5.23 | 6.82 | 0.09 | | | 22.4 | 21.90 | 2.24 | 1094.40 | 12.05 | 8.80 | |
| JZS-02 | 122.40 | 36.91 | | | 63.7 | 0.34 | 18.49 | 2.34 | 0.1 | 0.24 | 1.27 | 5.23 | 6.94 | 0.07 | | | 16.83 | 21.50 | 2.20 | 998.20 | 12.17 | 9.58 | |
| JZS-03 | 122.40 | 36.91 | | | 64.03 | 0.33 | 18.53 | 2.28 | 0.1 | 0.28 | 1.31 | 5.23 | 6.94 | 0.07 | | | 19.33 | 21.80 | 2.22 | 1018.90 | 12.17 | 9.29 | |
| JZS-04 | 122.40 | 36.91 | | | 64.01 | 0.33 | 18.56 | 2.37 | 0.11 | 0.32 | 1.34 | 5.31 | 6.75 | 0.08 | | | 21.08 | 21.80 | 2.22 | 1039.50 | 12.06 | 9.00 | |
| JZS-05 | 122.40 | 36.91 | | | 64.2 | 0.3 | 18.72 | 2.03 | 0.08 | 0.2 | 1.15 | 5.33 | 7.05 | 0.06 | | | 16.16 | 21.60 | 2.18 | 884.50 | 12.38 | 10.77 | |
| JZS-06 | 122.40 | 36.91 | | | 63.13 | 0.39 | 18.23 | 2.87 | 0.13 | 0.41 | 1.43 | 5.14 | 6.97 | 0.1 | | | 21.9 | 22.00 | 2.28 | 1256.50 | 12.11 | 8.47 | |
| JZS-08-2 | 122.36 | 37.01 | | | 60.06 | 0.52 | 17.8 | 3.88 | 0.1 | 1.44 | 3.14 | 3.65 | 7.57 | 0.35 | | | 42.35 | 19.50 | 2.07 | 821.90 | 11.22 | 3.57 | |
| JZS-09 | 122.36 | 37.01 | 215 | 5 | 59.72 | 0.52 | 18.13 | 3.97 | 0.11 | 1.4 | 3.13 | 4.22 | 6.89 | 0.33 | | | 41.14 | 20.30 | 2.11 | 888.50 | 11.11 | 3.55 | |
| JZS-10 | 122.36 | 37.01 | | | 60.11 | 0.52 | 18.13 | 3.82 | 0.1 | 1.33 | 3.03 | 4.3 | 6.99 | 0.32 | | | 40.84 | 20.00 | 2.08 | 803.60 | 11.29 | 3.73 | |
| JZS-11 | 122.44 | 37.02 | | | 59.31 | 0.53 | 18.09 | 4.09 | 0.1 | 1.49 | 3.38 | 4.29 | 6.76 | 0.35 | | | 41.86 | 20.30 | 2.12 | 822.50 | 11.05 | 3.27 | |
| JZS-12 | 122.44 | 37.02 | | | 58.47 | 0.7 | 17.79 | 4.49 | 0.1 | 1.17 | 2.74 | 3.84 | 7.88 | 0.24 | | | 34.14 | 22.20 | 2.36 | 1911.00 | 11.72 | 4.28 | |
| JZS-13 | 122.45 | 36.97 | | | 54.44 | 1 | 15.22 | 7.27 | 0.15 | 3.56 | 5.44 | 3.49 | 6.04 | 0.73 | | | 49.24 | 23.30 | 2.89 | 1388.90 | 9.53 | 1.75 | |
| JZS-14 | 122.45 | 36.97 | | | 56.59 | 0.64 | 16.98 | 5.56 | 0.11 | 2.36 | 4.21 | 3.93 | 6.53 | 0.54 | | | 45.7 | 21.30 | 2.37 | 933.10 | 10.46 | 2.48 | |
| JZS-15 | 122.45 | 36.97 | | | 56.29 | 0.69 | 17.15 | 5.62 | 0.13 | 2.52 | 4.2 | 3.96 | 6.64 | 0.52 | | | 47.08 | 21.30 | 2.35 | 875.60 | 10.60 | 2.52 | |
| JZS-16 | 122.45 | 36.97 | | | 55.86 | 0.8 | 16.36 | 5.87 | 0.14 | 3.22 | 4.93 | 3.69 | 6.4 | 0.59 | | | 52.07 | 22.10 | 2.55 | 880.70 | 10.09 | 2.05 | |
| JZS-17 | 122.45 | 36.97 | | | 56.67 | 0.8 | 17.67 | 5.15 | 0.1 | 2.36 | 3.91 | 3.83 | 6.83 | 0.51 | | | 47.64 | 20.20 | 2.16 | 465.20 | 10.66 | 2.73 | |
| 17JX5 | 118.92 | 35.46 | 124.6 | 2.6 | 68.30 | 0.40 | 15.98 | 2.22 | 0.06 | 0.30 | 0.54 | 4.81 | 6.05 | 0.07 | | | 21.12 | 17.30 | 2.04 | 1049.30 | 10.86 | 20.11 | 0.40 |
| 17JX5 | 118.92 | 35.46 | | | 68.34 | 0.40 | 15.96 | 2.23 | 0.06 | 0.28 | 0.52 | 4.84 | 6.10 | 0.06 | | | 19.92 | 16.90 | 2.00 | 1006.50 | 10.94 | 21.04 | 0.39 |

续附表 4

| 样品号 | 经度 | 纬度 | 年龄 (Ma) | 误差 | SiO ₂ (%) | TiO ₂ (%) | Al ₂ O ₃ (%) | Fe ₂ O ₃ (%) | MnO (%) | MgO (%) | CaO (%) | Na ₂ O (%) | K ₂ O (%) | P ₂ O ₅ (%) | FeO (%) | FeO* (%) | Mg# | Ga (×10 ⁻⁶) | Ca/Al | Zr+Nb+ Ce+Y (×10 ⁻⁶) | Na ₂ O+ K ₂ O (%) | (Na ₂ O+ K ₂ O) /CaO | σEu |
|--------|--------|-------|------------|-----|-------------------------|-------------------------|---------------------------------------|---------------------------------------|------------|------------|------------|--------------------------|-------------------------|--------------------------------------|------------|-------------|-------|----------------------------|-------|--|---|--|------|
| 17QL1 | 120.46 | 36.08 | | | 76.61 | 0.19 | 12.45 | 1.23 | 0.03 | 0.07 | 0.03 | 4.20 | 4.64 | 0.01 | | 1.11 | 10.13 | 19.80 | 3.00 | 465.50 | 8.84 | 294.67 | 0.10 |
| 17QL1 | 120.46 | 36.08 | 119.3 | 1.7 | 76.30 | 0.19 | 12.40 | 1.28 | 0.07 | 0.06 | 0.09 | 4.34 | 4.64 | 0.01 | | 1.15 | 8.50 | 19.30 | 2.94 | 462.20 | 8.98 | 99.78 | 0.10 |
| 17QL1 | 120.46 | 36.08 | | | 76.13 | 0.20 | 12.36 | 1.40 | 0.09 | 0.08 | 0.23 | 4.26 | 4.79 | 0.01 | | 1.26 | 10.17 | 20.70 | 3.16 | 491.20 | 9.05 | 39.35 | 0.09 |
| 17QL1 | 120.46 | 36.08 | | | 76.66 | 0.18 | 12.35 | 1.27 | 0.03 | 0.05 | 0.03 | 4.22 | 4.59 | 0.01 | | 1.14 | 7.23 | 19.10 | 2.92 | 480.60 | 8.81 | 293.67 | 0.09 |
| 17QL2 | 120.51 | 36.18 | | | 73.15 | 0.23 | 13.93 | 1.28 | 0.05 | 0.27 | 0.87 | 4.29 | 5.15 | 0.05 | | 1.15 | 29.47 | 16.10 | 2.18 | 344.40 | 9.44 | 10.85 | 0.48 |
| 17QL2 | 120.51 | 36.18 | | | 74.36 | 0.22 | 13.40 | 1.22 | 0.04 | 0.22 | 0.74 | 4.11 | 5.09 | 0.03 | | 1.10 | 26.32 | 13.50 | 1.90 | 335.30 | 9.20 | 12.43 | 0.36 |
| 17QL2 | 120.51 | 36.18 | 119.6 | 1.8 | 73.74 | 0.27 | 13.46 | 1.52 | 0.06 | 0.29 | 0.84 | 4.16 | 5.02 | 0.05 | | 1.37 | 27.43 | 15.30 | 2.15 | 427.20 | 9.18 | 10.93 | 0.34 |
| 17QL2 | 120.51 | 36.18 | | | 73.37 | 0.25 | 13.72 | 1.45 | 0.06 | 0.29 | 0.82 | 4.26 | 5.06 | 0.05 | | 1.30 | 28.37 | 17.20 | 2.37 | 377.70 | 9.32 | 11.37 | 0.35 |
| 17QL2 | 120.51 | 36.18 | | | 73.77 | 0.25 | 13.31 | 1.41 | 0.05 | 0.26 | 0.79 | 4.09 | 4.93 | 0.04 | | 1.27 | 26.75 | 15.60 | 2.21 | 374.20 | 9.02 | 11.42 | 0.39 |
| TLF12 | 117.55 | 31.68 | 120.3 | 0.7 | 68.25 | 0.51 | 15.93 | 2.89 | 0.03 | 0.66 | 1.96 | 4.64 | 3.73 | 0.20 | | | | 21.40 | 2.54 | 242.33 | 8.37 | 4.27 | |
| TLF07 | 117.63 | 31.77 | 108.1 | | 72.28 | 0.21 | 14.26 | 1.65 | 0.03 | 0.59 | 1.27 | 3.83 | 4.64 | 0.07 | | | | 20.90 | 2.77 | 202.22 | 8.47 | 6.67 | |
| BB2 | 117.44 | 32.91 | 110.3 | 2.8 | 72.82 | 0.14 | 14.42 | 1.55 | 0.02 | 0.43 | 1.70 | 3.57 | 4.53 | 0.05 | | | | 22.10 | 2.89 | 104.72 | 8.10 | 4.76 | |
| BB2-13 | 117.44 | 32.91 | | | 70.59 | 0.20 | 15.33 | 2.15 | 0.03 | 0.75 | 2.51 | 4.09 | 3.36 | 0.08 | | | | 22.90 | 2.82 | 53.50 | 7.45 | 2.97 | |

注:同一个岩体有很多年龄,取所有年龄的平均数代表该岩体形成时代。