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| Supplementary Table S3 Whole-rock Sr-Nd isotope compositions for the samples in western segment. | | | | | | | | | |
| Sample No | Rock type | Rb(ppm) | Sr(ppm) | 87Rb/86Sr | 87Sr/86Sr | 2σ | (87Sr/86Sr)i | Sm(ppm) | Nd(ppm) |
| HS-1 | Rhyolite | 85.78 | 37.18 | 6.691326 | 0.731204 | 0.000005 | 0.698448 | 10.10 | 42.06 |
| HS-3 | 31.84 | 582.80 | 0.158287 | 0.721826 | 0.000004 | 0.721051 | 4.64 | 20.97 |
| HS-5 | 118.33 | 47.87 | 7.169144 | 0.731815 | 0.000005 | 0.696720 | 11.36 | 48.88 |
| HS-32 | Monzogranite | 66.01 | 208.28 | 0.916920 | 0.707764 | 0.000006 | 0.703418 | 4.94 | 25.03 |
| HS-36 | 72.84 | 178.25 | 1.182458 | 0.709209 | 0.000005 | 0.703604 | 5.14 | 27.03 |
| HS-282 | Moyite | 66.50 | 79.41 | 2.424483 | 0.714085 | 0.000005 | 0.702227 | 6.19 | 27.57 |
| HS-284 | 64.94 | 93.44 | 2.011884 | 0.712452 | 0.000005 | 0.702612 | 5.12 | 23.10 |
| HS-286 | 63.78 | 75.86 | 2.434161 | 0.714016 | 0.000006 | 0.702110 | 5.27 | 23.59 |
| Sample No | Rock type | 147Sm/144Nd | 143Nd/144Nd | 2σ | (143Nd/144Nd)i | εNd(t) | TDM1/Ma | TDM2/Ma | *f*Sm/Nd |
| HS-1 | Rhyolite | 0.145260 | 0.512942 | 0.000002 | 0.512615 | 8.20 | 464.0 | 387.3 | -0.26 |
| HS-3 | 0.133776 | 0.512929 | 0.000001 | 0.512628 | 8.45 | 422.2 | 384.8 | -0.32 |
| HS-5 | 0.140515 | 0.512924 | 0.000001 | 0.512608 | 8.05 | 471.5 | 406.4 | -0.29 |
| HS-32 | Monzogranite | 0.119382 | 0.512869 | 0.000001 | 0.512609 | 8.08 | 454.9 | 451.2 | -0.39 |
| HS-36 | 0.114956 | 0.512870 | 0.000002 | 0.512619 | 8.28 | 433.0 | 440.6 | -0.42 |
| HS-282 | Moyite | 0.135723 | 0.512934 | 0.000001 | 0.512629 | 8.46 | 423.0 | 380.7 | -0.31 |
| HS-284 | 0.134042 | 0.512949 | 0.000002 | 0.512647 | 8.83 | 385.3 | 353.4 | -0.32 |
| HS-286 | 0.134986 | 0.512943 | 0.000001 | 0.512639 | 8.67 | 401.6 | 364.9 | -0.31 |
| (87Sr/86Sr)i = (87Sr/86Sr)S-(87Rb/86Sr)S×(eλt-1);  (143Nd/144Nd)i = (143Nd/144Nd)S -(147Sm/144Nd)S×(eλt-1);  εNd(t) = ((143Nd/144Nd)S/(143Nd/144Nd)CHUR-1)×10000;  *f*Sm/Nd = (147Sm/144Nd)S/(147Sm/144Nd)CHUR-1;  Where S= sample, t = age, (143Nd/144Nd)CHUR = 0.512638, (147Sm/144Nd)CHUR = 0.1967. | | | | | | | | | |