|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **specimen** | **material** | **Tc** | **Tv** | **Other features +°C warming curve** | **Other features +°C cooling curve** | **Ms [Am2]** | **Mrs [Am2]** | **Bc [mT]** | **κ (SI)** | **κARM (SI)** | **ARM (Am-1)** |
| *SA-A-45* | paleosol | 580 °C | none | 450-520 °C positive bump; decrease from 520 °C; | 600 C steep increase; 300-180°C plateau | 1.47x10-6 | 1.30 x10-7 | 6.7 | 1.89 x10-4 | 7.81 x10-4 | 0.031082 |
| *SA-A-55* | paleosol | 580 °C | none | 389 and 320 °C bump;decrease from 520 °C | 600 C steep increase; 450 - 480°C peak | 2.75x10-6 | 4.49 x10-7 | 14.4 | - | - | - |
| *SA-A-56* | loess | 580 °C | none | 389 and 320 °C bump;decrease from 520 °C | 650°C steep increase; 450 - 480°C peak | - | - | - | 1.52 x10-4 | 1.91 x10-3 | 0.075857 |
| *SA-A-70* | loess | 580 °C | none | 389 and 320 °C bump;decrease from 520 °C | 600°C steep increase; 450 - 480°C peak | 2.11x10-6 | 2.64 x10-7 | 9 | - | - | - |
| *SA-A-71* | loess | 580 °C | none | 389 and 320 °C bump;decrease from 520 °C | 600°C steep increase; 450 - 480°C peak | - | - | - | - | - | - |
| *RG-07* | modern soil | 580 °C | none | 280 °C peak; 550 °C peak | 580 °C steep increase, 400 °C peak | - | - | - | - | - | - |
| *RG-27* | modern soil | 580 °C | none | 280 °C peak; 550 °C peak | 580 °C steep increase, 420 °C peak | - | - | - | - | - | - |
| *RG-47* | modern soil | 580 °C | none | 280 °C peak; 550 °C peak | 600 °C steep increase, 580-400 °C plateau | - | - | - | - | - | - |
| *RG-71* | marine clay | higher than 580 °C | none | 300 °C bump | 580 °C steep increase, flatter slope at 400 °C | 7.23x10-7 | 7.90 x10-9 | 0.7 | - | - | - |
| *RG-115* | marine clay | 580 °C | none | 150 to 350 °C enhancement | 580 °C steep increase, flatter slope at 480 °C | - | - | - | - | - | - |
| *RG-101* | marine clay | 580 °C | none | 150 to 350 °C enhancement | 580 °C steep increase, flatter slope at 480 °C | - | - | - | - | - | - |
| *RG-83* | marine sand | 580 °C | none | 150 to 400 °C enhancement | 580 °C steep increase, flatter slope at 480 °C | - | - | - | - | - | - |
| *RG-85* | marine sand | 580 °C | none | 150 to 400°C enhancement | 580 °C steep increase, flatter slope at 480 °C | - | - | - | - | - | - |
| *RG-147* | loess | 580 °C | none | 400- 450 °C slight depression | 580 °C steep increase; 400 °C peak | 3.70x10-6 | 2.48 x10-7 | 5.2 | - | - | - |
| *RG-177* | loess | 580 °C | -150 °C | 400- 450 °C slight depression | 580 °C steep increase; 420 °C peak | 4.28x10-6 | 5.98 x10-7 | 10.2 | - | - | - |
| *RG-193* | loess | 580 °C | none | 320 °C peak, 400- 450 °C slight depression | 580 °C steep increase, flatter slope at 480 °C | 2.63x10-6 | 4.54 x10-7 | 14.7 | 9.72 x10-4 | 9.72 x10-4 | 0.038688 |
| *RG-255* | loess | 580 °C | -150 | 320 °C peak | 580 °C steep increase, flatter slope at 380 °C | 3.43x10-6 | 4.61 x10-7 | 9.5 | 2.79 x10-4 | 1.02 x10-3 | 0.040602 |
| *RG-313* | loess | 580 °C | none | 400- 450 °C slight depression | 580 °C steep increase, 380 °C peak, 150 °C depression | 3.08x10-6 | 3.00 x10-7 | 6.5 | 2.27 x10-4 | 7.56 x10-4 | 0.030075 |
| *RG-345* | loess | 580 °C | none | 400- 450 °C slight depression | 580 °C steep increase, 380 °C peak, 150 °C depression | 2.58x10-6 | 1.29 x10-7 | 3.1 | - | - | - |
| *RG-393* | loess | 580 °C | none | 320 °C slight enhancement, 400- 450 °C slight depression | 580 °C steep increase, 320 °C peak, 150 °C depression | 2.81x10-6 | 3.53 x10-7 | 9 | 2.19 x10-4 | 7.66 x10-4 | 0.030481 |
| *RG-445* | loess | 580 °C | none | 320 °C slight enhancement | 580 °C steep increase, 320 °C peak, 150 °C depression | 2.30x10-6 | 7.24 x10-9 | 0.2 | 2.45 x10-4 | 7.55 x10-4 | 0.030058 |
| *RG-491* | continental sands | 580 °C | none | 320 °C slight enhancement | 580 °C steep increase, 400 °C peak, 100 °C depression | - | - | - | - | - | - |
| *RG-505* | continental sands | 580 °C | none | falling curve from 350 °C | 580 °C steep increase, 420 °C peak, 100 °C depression | 2.26x10-6 | 3.02 x10-8 | 0.7 | 1.29 x10-4 | 4.86 x10-4 | 0.01934 |
| *RG-521* | continental sands | 580 °C | none | 320 °C slight enhancement, falling curve from 350 °C | 580 °C steep increase, 400 °C peak, 100 °C depression | - | - | - | - | - | - |
| *LN-8-1/LN-32b* | loess | 580 °C | none | falling curve from 350 °C | Constant slope | 2.58x10-6 | 3.00 x10-7 | 7.8 | 1.95 x10-4 | 3.97 x10-4 | 0.015804 |
| *LN-9-7/LN-41* | loess | 580 °C | none | κ above 0 after Tc, 220 °C positive bump, falling curve from 350 °C | slope flattening at 500 °C | 2.29x10-6 | 2.64 x10-7 | 1.6 | 1.78 x10-4 | 9.20 x10-4 | 0.036613 |
| *LN-10-14/LN-44* | loess | 580 °C | none | κ above 0 after Tc, 220 °C positive bump, falling curve from 350 °C | slope flattening at 500 °C | - | - | - | - | - | - |
| *LN-11-4* | loess | - | - | - | - | 1.89x10-6 | 3.11 x10-7 | 13.6 | 2.23 x10-4 | 1.13 x10-3 | 0.045047 |
| *LN-11-7* | loess | 580 °C | none | 270 °C positive bump, falling curve from 350 °C | slope flattening at 500 °C | - | - | - | - | - | - |
| *LN-12-12/LN-50* | loess | 580 °C | none | falling curve from 350 °C | 200 °C peak | 2.73x10-6 | 2.23 x10-7 | 6.3 | - | - | - |
| *LN-12-47* | loess | - | - | - | - | 3.20x10-6 | 2.61 x10-8 | 0.8 | - | - | - |
| *LN-12-69* | loess | - | - | - | - | 3.07x10-6 | 3.76 x10-7 | 10.2 | - | - | - |
| *LN-13-12/LN-57* | loess | 580 °C | none | 300 °C slight enhancement, falling curve from 350 °C | slope flattening at 450 °C | 3.84x10-6 | 4.40 x10-7 | 6.9 | - | - | - |
| *LN-13-41/42* | loess | - | - | - | - | 2.09x10-6 | 2.29 x10-7 | 6.9 | 2.20 x10-4 | 1.00 x10-3 | 0.039879 |
| *LN-13-66/LN-61* | loess | 580 °C | none | falling curve from 350 °C | slope flattening at 450 °C | 1.10x10-6 | 1.93 x10-8 | 2 | 1.94 x10-4 | 1.00 x10-3 | 0.039879 |