|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| R Table D |  |  |  |  |  |  |  |  |
| Age & Range | Location | Facies | δ13C ‰ | δ18O ‰ | LMC% | IMC% | HMC% | Arag % |
| Sample |  |  |  |  |  |  |  |  |
| **MIS 11** |  |  |  |  |  | ; |  |  |
| East Avenue |  |  |  |  |  |  |  |  |
| 15-110 | Washpool Road | structureless | -3.0 | -1.1 | 62.0 | 10.0 | 13.0 | 15.0 |
| 15-201A | Kleiarra Drain Upper | aeolianite | -2.8 | -2.2 | 84.0 | 15.0 | 0.0 | 1.0 |
| 15-201B | Kleiarra Drain Lower | aeolianite | -5.0 | -3.1 | 96.0 | 0.0 | 0.0 | 0.0 |
| 15-201C | Kleiarra Drain Lower | aeolianite | -3.9 | -2.9 | 90.0 | 10.0 | 1.0 | 0.0 |
| 15-234 | Mundaleena Road | aeolianite | -4.1 | -3.5 | 92.0 | 7.0 | 0.0 | 0.0 |
| 15-236 | St. Helena Swamp | aeolianite | -4.7 | -2.9 | 93.0 | 6.0 | 0.0 | 0.0 |
| Ardune |  |  |  |  |  |  |  |  |
| 43047.0 | Lucinda West | aeolianite | -3.3 | -1.2 | 60.0 | 12.0 | 16.0 | 13.0 |
| 15-103 | Cutting Bridge | structureless | -4.4 | -1.8 | 81.0 | 6.0 | 7.0 | 6.0 |
| 15-111 | Lucindale West | structureless | -4.9 | -1.9 | 59.0 | 9.0 | 18.0 | 14.0 |
| Compton I |  |  |  |  |  |  |  |  |
| 15-222 | Heritage Industry Quarry | beach | -1.4 | -2.4 | 95.0 | 5.0 | 0.0 | 0.0 |
| 15-224B | Baxter Quarry | aeolianite | -2.7 | -2.2 | 93.0 | 5.0 | 2.0 | 0.0 |
| Average |  |  |  |  | **82.6** | **7.7** | **5.2** | **4.5** |
| Median |  |  |  |  | **90.0** | **7.0** | **1.0** | **0.0** |
| Std. Dev |  |  |  |  | **14.8** | **4.1** | **7.1** | **6.4** |
|  |  |  |  |  |  |  |  |  |
| **MIS 13** |  |  |  |  |  |  |  |  |
| Baker |  |  |  |  |  |  |  |  |
| 15-104 | Aldaman Road | structureless | -4.5 | -1.4 | 84.0 | 8.0 | 6.0 | 3.0 |
| 15-112 | Lucindale East | shallow marine | -4.6 | -2.3 | 87.0 | 13.0 | 0.0 | 0.0 |
| 15-113 | Lucindale West | aeolianite | -4.2 | -1.6 | 86.0 | 7.0 | 6.0 | 2.0 |
| 15-114T | Lucindale North Top | aeolianite | -3.1 | -3.1 | 96.0 | 3.0 | 0.0 | 1.0 |
| 15-114B | Lucindale North Base | aeolianite | -3.2 | -2.8 | 96.0 | 4.0 | 0.0 | 0.0 |
| 15-202 | East Boornordale | structureless | -6.0 | -3.6 | 94.0 | 5.0 | 0.0 | 0.0 |
| 15-242 | Philip Road | structureless | -6.0 | -3.7 | 95.0 | 6.0 | 2.0 | 6.0 |
| Average |  |  |  |  | **89.8** | **6.5** | **2.0** | **1.7** |
| Median |  |  |  |  | **94.0** | **6.0** | **0.0** | **1.0** |
| Std. Dev |  |  |  |  | **5.2** | **3.3** | **2.8** | **2.2** |
|  |  |  |  |  |  |  |  |  |
| **MIS 15** |  |  |  |  |  |  |  |  |
| Peacock |  |  |  |  |  |  |  |  |
| 15-105 | Minimarra Road | beach | -3.5 | -2.5 | 95.0 | 4.0 | 0.0 | 1.0 |
| 15-203 | Cutting Bridge | aeolianite | -4.1 | -2.9 | 91.0 | 5.0 | 3.0 | 1.0 |
| Compton II |  |  |  |  |  |  |  |  |
| 15-224A | Baxter Quarry | aeolianite | -3.6 | -3.2 | 93.0 | 7.0 | 0.0 | 0.0 |
| Gambier |  |  |  |  |  |  |  |  |
| 15-221 | Black Forest Road | shallow marine | -4.0 | -2.1 | 84.0 | 12.0 | 0.0 | 4.0 |
| Average |  |  |  |  | **90.7** | **7.0** | **0.8** | **1.5** |
| Median |  |  |  |  | **92.0** | **6.0** | **0.0** | **1.0** |
| Std. Dev |  |  |  |  | **4.8** | **3.6** | **1.5** | **1.7** |
|  |  |  |  |  |  |  |  |  |
| **MIS 17** |  |  |  |  |  |  |  |  |
| Stewart |  |  |  |  |  |  |  |  |
| 11-12B | Lucindale East | aeolianite | -4.4 | -2.1 | 57.0 | 13.0 | 6.0 | 24.0 |
| 15-206 | Marcollat hall | structureless | -4.9 | -2.4 | 82.0 | 13.0 | 0.0 | 7.0 |
| 15-207 | Owney Road W | aeolianite | -4.4 | -2.8 | 85.0 | 9.0 | 6.0 | 0.0 |
| 15-214 | Kilmorey Road-1 | aeolianite | -5.6 | -2.3 | 60.0 | 36.0 | 2.0 | 3.0 |
| Cave |  |  |  |  |  |  |  |  |
| 43056.0 | Bool Lagoon | structureless | -3.2 | -1.4 | 76.0 | 10.0 | 5.0 | 9.0 |
| 15-238 | Castine Road | structureless | -6.1 | -3.5 | 94.0 | 5.0 | 0.0 | 0.0 |
| 15-240 | Charcutt Road | structureless | -4.5 | -2.5 | 88.0 | 6.0 | 5.0 | 1.0 |
| Average |  |  |  |  | **77.2** | **13.1** | **3.4** | **6.3** |
| median |  |  |  |  | **82.0** | **10.0** | **5.0** | **3.0** |
| Std. Dev |  |  |  |  | **14.1** | **10.5** | **2.7** | **8.6** |
|  |  |  |  |  |  |  |  |  |
| **MIS 19** |  |  |  |  |  |  |  |  |
| West Naracoorte |  |  |  |  |  |  |  |  |
| 43054.0 | Mosquito Creek | beach-marine | -4.1 | -2.7 | 93.2 | 6.0 | 0.0 | 1.0 |
| 11-15B | Hill near Mosquito Creek | structureless | -6.1 | -2.9 | 93.3 | 6.0 | 0.0 | 2.0 |
| 15-244 | Caves West | soft aeolianite | -5.0 | -2.0 | 93.0 | 4.0 | 3.0 | 0.0 |
| 15-247A | Comaum Quarry main | aeolianite | -5.4 | -2.9 | 96.0 | 4.0 | 0.0 | 0.0 |
| 15-247B | Comaum Quarry Burrow | beach - marine | -5.8 | -3.5 | 93.0 | 8.0 | 0.0 | 0.0 |
| Mingbool |  |  |  |  |  |  |  |  |
| 15-225 | Riddoch Quarry Low | structureless | -3.4 | -1.3 | 96.0 | 4.0 | 0.0 | 0.0 |
| 15-226 | Ponda Road Quarry | aeolianite | -6.2 | -2.6 | 93.0 | 6.0 | 0.0 | 1.0 |
| Black |  |  |  |  |  |  |  |  |
| 15-252 | Jip Jip Road | structureless | -6.5 | -3.3 | 72.0 | 20.0 | 8.0 | 0.0 |
| Average |  |  |  |  | **90.8** | **7.3** | **1.4** | **0.5** |
| Median |  |  |  |  | **93.0** | **6.0** | **0.0** | **0.0** |
| Std. Dev |  |  |  |  | **7.9** | **5.3** | **2.9** | **0.8** |
|  |  |  |  |  |  |  |  |  |
| **MIS 23** |  |  |  |  |  |  |  |  |
| East Naracoorte |  |  |  |  |  |  |  |  |
| 15-245 | Naracoorte - Gordon Street | structureless | -5.8 | -2.6 | 83.0 | 10.0 | 2.0 | 6.0 |
| 43053.0 | Naracoorte caves | structureless | -5.2 | -1.9 | 88.0 | 6.0 | 4.0 | 2.0 |
| Dismal |  |  |  |  |  |  |  |  |
| 15-227 | Mingpool Road - paddock- | Beach- lagoonal | -2.1 | -2.6 | 97.0 | 3.0 | 0.0 | 0.0 |
| Average |  |  |  |  | **89.0** | **6.3** | **2.0** | **2.7** |
| median |  |  |  |  | **88.0** | **6.0** | **2.0** | **2.0** |
| Std. Dev |  |  |  |  | **7.1** | **3.5** | **2.0** | **3.1** |