Supplementary Table 1. Comparison of radiocarbon dates presented by this study with previous results summarised by Begét et al. (1992).

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| --- | --- | --- | --- |
| Lab code | Radiocarbon date(14C yr BP) | Location | Minimum/Maximumor Direct |
| *Distal dates summarised by Begét et al. (1992)* |
| B-23170 | 3700 ± 90 | Cape Espenberg | Maximum |
| B-33758 | 3750 ± 80 | Cape Espenberg | Maximum |
| B-19643 | 3570 ± 100 | Cape Espenberg | Maximum |
| B-7760 | 2400 ± 80 | Seward Peninsula | Minimum |
| B-7761 | 3340 ± 90 | Seward Peninsula | Maximum |
| I-13,990 | 4000 ± 100 | Seward Peninsula | Maximum? |
| W-4929 | 4830 ± 80 | St. Michael Island | Minimum |
| W-4625 | 6430 ± 90 | St. Michael Island | Maximum |
| I-14,223 | 3370 ± 90 | Chignik Bay | Maximum |
| I-14,236 | 3570 ± 80 | Chignik Bay | Minimum |
| *Proximal dates summarised by Begét et al. (1992)* |
| W-3125 | 3350 ± 200 | Aniakchak | Direct |
| I-14,221 | 3410 ± 90 | Aniakchak | Direct |
| I-14,226 | 3520 ± 140 | Aniakchak | Direct |
| *Dates presented in this paper* |
| GrA-28723 | 2990 ± 35 | Espenberg peatland | Minimum |
| GrA-28722 | 3040 ± 40 | Espenberg peatland | Minimum |
| GrA-28720 | 3065 ± 35 | Espenberg peatland | Minimum |
| GrA-28718 | 3270 ± 40 | Espenberg peatland | Maximum |
| GrA-28712 | 3335 ± 40 | Espenberg peatland | Maximum |
| GrA-28711 | 3305 ± 40 | Espenberg peatland | Maximum |