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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lab Sample No.** | **Area** | **Collection Year** | **Stratum** | **Material** | **Fraction** | **δ13C** | **1σ 14C Age** | **2σ Calibrated Age** |
| AA-106011 | Trench 1 | 2014 | Upper G3 | SOM | Humates |  | 4645 ± 33 | 5466-5344 (p = 0.80)  5335-5310 (p = 0.16) |
| AA-106010 | Trench 1 | 2014 | Upper G3 | SOM | Humins |  | 4789 ± 59 | 5643-5630 (p = 0.01) 5614-5446 (p = 0.80) 5406-5326 (p = 0.15) |
| AA-105802 | Trench 1 | 2014 | G3 | Charcoal | Humins | -24.9 | 4820 ± 37 | 5643-5630 (p = 0.02)  5614-5567 (p = 0.33)  5559-5470 (p = 0.61) |
| AA-105842 | Trench 1 | 2014 | G1 | Charcoal | Humates | -27.6 | 25,700 ± 350 | 30,738-29,085 |
| AA-104815 | Trench 1 | 2014 | G1 | Charcoal | Humins | -28.9 | 34,260 ± 970 | 41,045-36,442 |
| AA-104816 | Trench 1 | 2014 | F3 | Charcoal | Humates | -11.4 | 8592 ± 44 | 9663-9493 |
| AA-104818 | Trench 1 | 2014 | F3 | Charcoal | Humins | -10.6 | 8619 ± 64 | 9761-9754 (p = 0.003)  9745-9485 (p = 0.95) |
| AA-109424 | Trench 1 | 2015 | F3b | Charcoal | Humates | -24.7 | 8844 ± 28 | 9667-9540 |
| 1,3 CAMS-74661 | Block A | 1987 | F1 | Bone | XAD Hydrolyzate |  | 8890 ± 60 | 10,196-9769 |
| 1,3 CAMS-72350 | Block A | 1987 | F1 | Bone | KOH collagen |  | 9060 ± 50 | 10,376-10,351 (p = 0.02) 10,345-10,319 (p = 0.01) 10,300-10,157 (p = 0.93) |
| 1,3 OxA-36958 | Block A | 1986 | F1 | Bone | Ultrafiltrated Collagen | -19.5 | 9320 ± 45 | 10,674-10,390 (p = 0.95) 10,314-10,304 (p = 0.006) |
| AA-105803 | Site Cutbank | 2014 | F1 | SOM | Humates | -25.1 | 9631 ± 52 | 11,182-11,045 (p = 0.35)  11,040-10,775 (p = 0.60) |
| AA-105497 | Site Cutbank Next to Chopper | 2014 | F1 | SOM | Humates | -24.5 | 9871 ± 48 | 11,394-11,201 |
| AA-105646 | Site Cutbank | 2014 | F1 | SOM | Humins | -25 | 9924 ± 75 | 11,701-11,671 (p = 0.002) 11,641-11,206 (p = 0.93) |
| D-AMS 004329 | Site Cutbank | 2013 | F1 | SOM | Humates | -11.6 | 10,154 ± 47 | 12,042-11,612 |
| D-AMS 004329 | Site Cutbank | 2013 | F1 | SOM | Humin | -25.5 | 10,323 ± 39 | 12,384-12,265 (p = 0.22) 12,245-11,982 (p = 0.74) |
| AA-105496 | Site Cutbank Next to Chopper | 2014 | F1 | SOM | Humins | -25.4 | 10,382 ± 40 | 12,413-12,061 |
| AA-105499 | Block A | 2014 | F1 | Charcoal | Humates | -25.1 | 10,844 ± 73 | 12,903-12,642 |
| 1 AA-107604 | Block B | 2015 | F1 | Charcoal | Humins | -26 | 10,873 ± 35 | 12,803-12,696 |
| 1 AA-105498 | Block A | 2014 | F1 | Charcoal | Humins | -25.1 | 10,969 ± 52 | 12,982-12,720 |
| 1 AA-108894 | Block B | 2016 | F1 | Bone | Ultrafiltered Collagen | -17.9 | 10,654 ± 58 | 12,721-12,532 |
| 1,3 UCIAMS-40174 | Block A | 1987 | F1 | Bone | Gelatin |  | 10,760 ± 30 | 12,738-12,658 |
| 1 AA-108895 | Block B | 2016 | F1 | Bone | Ultrafiltered Collagen | -16.4 | 10,776 ± 59 | 12,762-12,597 |
| 1,3,4 UCIAMS-206764 | Block A | 1986 | F1 | Bone | XAD Hydrolysate |  | 10,965 ± 30 | 12,922-12,716 |
| 1,3,4 OxA-X-2736-14 | Block A | 1986 | F1 | Bone | Hydroxyproline | -22.7 | 11,035 ± 50 | 13,041-12,757 |
| 3,4 AA-108893 | Site Cutbank | 1986 | F1 | Bone | Ultrafiltered Collagen | -20.3 | 11,066 ± 61 | 13,074-12,779 |
| 1,4 AA-107104 | Block B | 2015 | F1 | Calcined Bone | Apatite Carbonate | -23 | 11,190 ± 130 | 13,290-12,765 |
| AA-109297 | Block B | 2016 | F1 | Calcined Bone | Apatite Carbonate | -19.7 | 13,997 ± 90 | 17,330-16,640 |
| AA-104893 | Trench 1 | 2014 | E | Charcoal | Humates | -25.3 | 9600 ± 160 | 11,325-10,490 (p = 0.95) 10,456-10,438 (p = 0.003) |
| AA-104892 | Lower Trench 1 | 2014 | E | Charcoal | Humins | -25.3 | 10,650 ± 100 | 12,746-12,385 (p = 0.95) 12,264-12,246 (p = 0.006) |
| AA-104814 | Trench 1 | 2014 | E | Charcoal | Humins | -25.9 | 10,963 ± 50 | 12,975-12,718 |
| AA-105841 | Lower Trench 1 | 2014 | E | Charcoal | Humates | -25 | 30,110 ± 340 | 34,765-33,660 |
| 1 Direct or indirect date of the occupation  2 Sample collected at time of site discovery  3 Mammoth bone  4 Accepted date for the cultural occupation  SOM = Soil organic matter | | | | | | | | |