

REPORT

A ROSTER OF BIA ANCSA RADIOCARBON DATES

Compiled by Matt O'Leary

BIA ANCSA Office, 3601 C Street, Suite 1100, Anchorage, AK, 99503-5947

INTRODUCTION

To substantiate claims by the Native regional corporations for historical places and cemetery sites under Section 14(h)(1) of the Alaska Native Claims Settlement Act (ANCSA 1971), the Bureau of Indian Affairs (BIA) must demonstrate that the sites meet the eligibility criteria set forth by implementing regulations, which were modeled after the National Historic Preservation Act (1966) and are applied in the ANCSA context through a unique land claims settlement. For this process there are no overarching research imperatives. In practice, ANCSA archeologists have emphasized surface inventories and, wherever possible, oral history research over subsurface testing and excavation. In part this was because many claims for heritage sites could be verified with data obtained by these relatively noninvasive methods. Moreover, some regional corporations were opposed initially to any collecting or testing on their selections. In recognition of the latter concern, the BIA ANCSA Office encouraged a "no collection" field protocol in the mid-1980s.

Despite a restrained collecting and testing policy, ANCSA archeologists have not overlooked the value of the radiocarbon method for estimating the age of sites, particularly older components beyond the temporal limits of oral history or in the absence of Native informants. Especially those sites situated along active coastlines and riverbanks often present opportunities to secure datable carbon samples from natural exposures with minimal disturbance. In some instances, certain environmental settings (e.g., co-

seismic and interseismic level changes in Prince William Sound) or site types (e.g., campsites) have required more attention to archeological testing than might be necessary otherwise. Where establishing the presence of buried cultural material was deemed crucial to a particular investigation, tests were excavated in an effort to demonstrate that research potential. In 30 field seasons (1978–2007), the ANCSA program obtained 393 radiocarbon dates for Section 14(h)(1) properties or adjacent sites. An additional 88 dates were run in support of BIA regional archeology or a few special projects.

ANCSA radiocarbon dates have been reported from time to time in papers presented at the Alaska Anthropological Association annual meetings, but with a few exceptions they have remained unpublished. The Aleutian region is best represented in the published and gray literature (Clark 1990; Cooper 2003; Cooper and Bartolini 1991; Corbett 1991; Corbett et al. 2001; Kent 1985; Lefevre et al. 2001; Maschner et al. 1997; O'Leary 2001). Bland (1996) listed all the Aleutian dates obtained by BIA fieldwork through 1991 in a doctoral dissertation. Sheppard (1983) published a few dates from early work in Norton Sound, in the Bering Straits region. Kent (1987, 1990) reported dates for the Doyon region in two short papers, and Clark (1988, 1989) listed dates from the Cook Inlet region. A few dates for western Alaska have been reported by Griffin (2004), Pratt (2001), Pratt and Shaw (1992) and O'Leary (1995, 1999). Blumer (2002) reported and calibrated three

ANCSA-funded dates on St. Lawrence Island artifacts. For the Chugach region, Dotter (1988) assembled a rather complete roster of dated samples through 1988, which has been widely cited (e.g., Haggarty et al. 1991). It is in part the interest shown in Dotter's paper and in subsequent regional radiocarbon syntheses (e.g., Bland 1996; Gerlach and Mason 1992; Mills 1994) that prompted the present list. Dates from the ANCSA-sponsored mitigation at NAK-015 have also been published or reported (Dumond 2004; Harritt 1997). While these references provide important contextual and interpretative information, the tables below constitute the definite roster.

ROSTER ORGANIZATION

We follow Gal in reporting all dates regardless of outcome and in listing associated artifacts as opposed to "synthetic archeological formulations" (1982:159). For many of the sites, that would be premature given the limited testing and the generally low yield for diagnostic artifacts directly associated with the samples. Dates are arranged in 11 separate tables by geographical areas corresponding to the ANCSA regional corporations, and within each corporate region by AHRS number. Note that the Arctic Slope Regional Corporation declined to participate in the ANCSA Section 14(h)(1) program, and the Thirteenth Corporation was excluded from heritage site or other land claims. Each regional date list has seven columns presenting the following data:

AHRS Number: identifier for the Alaska Heritage Resources Survey, a statewide inventory of historic and prehistoric sites maintained by the Alaska State Office of History and Archaeology.

BLM Number/Locality: indicates the serial case file number assigned to a Section 14(h)(1) claim by the Bureau of Land Management (BLM), along with the site name or general site vicinity. Separate loci of a site are indicated by a letter following the serial number (e.g., AA-12262B). The primary reference for context and interpretation of a particular ANCSA date is the "Report of Investigation" and associated case file, both identified by BLM serial number. Secondly, the various published and gray literature cited above offer pertinent information. Sites without BLM numbers are non-ANCSA.

Lab Number

Conventional Age: the calculated age in radiocarbon years before present (RCYBP) or percent modern car-

bon (pMC), as reported by the laboratory. Activity measures were based on the carbon-14 (^{14}C) half-life of 5568 ± 30 years. Unless noted, ^{14}C content was normalized to a common $^{13}\text{C}/^{12}\text{C}$ (δC^{13}) value of -25.0 o/oo to account for isotopic fractionation.

Calibrated Age: the calendar age-range for the sample expressed at the 2 sigma confidence level. Conversion from the ^{14}C timescale (BP) to calendar years (BC/AD) was by Beta Analytic (after 1995) or used the CALIB version 4.3 computer program (Stuiver and Reimer 1993; Stuiver et al. 1998a, 1998b). Dates on shell, bone, and ivory have not been calibrated, due to the complexities and uncertainties associated with marine reservoir effects.

Material Context: provides (1) information about sample provenience, where "F-" indicates surface feature number, "TP-" indicates test pit, "L-" is stratigraphic level, and "cm" is depth in centimeters below the ground surface (unless noted); and (2) information about special handling, measured age, $\delta^{13}\text{C}$ value, or a list of artifacts thought to be directly associated with the dated material.

ACKNOWLEDGEMENTS

This compilation relied on the ANCSA artifact database developed by Joe Bartolini, Randy Cooper, and Patti Browne; on the careful cataloging efforts of Randy Cooper and Ted Krieg; and on the radiocarbon records organized by Randy Cooper. Thanks to Joan Dale for assigning AHRS numbers for many of the sites. ANCSA program manager Ken Pratt encouraged the project through several incarnations.

REFERENCES

- Bland, Richard L.
1996 The Chaluka Site and Its Implications for Subsistence Regimes in the Aleutian Islands. Unpublished Ph.D. dissertation, Department of Anthropology, University of Oregon, Eugene.
- Blumer, Reto
2002 Radiochronological Assessment of Neo-Eskimo Occupations on St. Lawrence Island, Alaska. In *Archaeology in the Bering Strait Region: Research on Two Continents*, edited by Don E. Dumond pp. 61–106. *University of Oregon Anthropological Papers* No. 59, Eugene.

- Clark, Fred P.
 1988 Kasilof Landing: Campground Archeology on the Kenai Peninsula. Paper presented at the 15th annual meeting of the Alaska Anthropological Association, Fairbanks. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- 1989 The Reds Have Run Forever: Culture Change at the Confluence of the Kenai and Russian Rivers. Paper presented at the 16th annual meeting of the Alaska Anthropological Association, Anchorage. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- 1990 At the End of the Chain: Recent Archeological Reconnaissance and Implications for Settlement Pattern Studies in the Western Aleutians. Paper presented at the 17th annual meeting of the Alaska Anthropological Association, Fairbanks, Alaska. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- Cooper, D. Randall
 2003 Lithic Resource Abundance and Expedient Technology on Agattu Island. *Alaska Journal of Anthropology* 1(2):34–43.
- Cooper, D. Randall, and Joseph D. Bartolini
 1991 New Perspectives on Settlement and Ethnicity on the Lower Alaska Peninsula. Paper presented at the 18th annual meeting of the Alaska Anthropological Association, Anchorage. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- Corbett, Debra G.
 1991 Aleut Settlement Patterns in the Western Aleutian Islands, Alaska. Master's thesis, Department of Anthropology, University of Alaska Fairbanks.
- Corbett, Debra G., Dixie West and Christine Lefevre
 2001 Prehistoric Village Organization in the Western Aleutians. In *Archaeology in the Aleut Zone of Alaska: Some Recent Research*, edited by Don E. Dumond, pp. 251–266. *University of Oregon Anthropological Papers* No. 58, Eugene.
- Dotter, Walter
 1988 1988 BIA ANCSA 14(h)(1) Field Investigations in Prince William Sound and Adjacent Areas. Paper presented at the 15th annual meeting of the Alaska Anthropological Association, Fairbanks. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- Dumond, Don E.
 2004 Volcanism and History on the Northern Alaska Peninsula. *Arctic Anthropology* 41(2):112–125.
- Forshaw, Robert A.
 n.d. The Brenwick Site: A Late Prehistoric Ahtna Camp on the Shore of Lake Klutina. Report on file at BIA Regional Archeology, Anchorage.
- Gal, Robert
 1982 Appendix I: An Annotated and Indexed Roster of Archaeological Radiocarbon Dates from Alaska, North of 68° Latitude. *Anthropological Papers of the University of Alaska* 20(1–2):159–191.
- Gerlach, S. Craig, and Owen K. Mason
 1992 Calibrated Radiocarbon Dates and Cultural Interaction in the Western Arctic. *Arctic Anthropology* 29(1):54–81.
- Griffin, Dennis
 2004 Ellikarmiut: Changing Lifeways in an Alaskan Community. *Aurora Monograph Series* No. 7, Alaska Anthropological Association, Anchorage.
- Haggarty, James C., Christopher B. Wooley, Jon M. Erlandson, and Aron Crowell
 1991 *The 1990 Exxon Cultural Resource Program: Site Protection and Maritime Cultural Ecology in Prince William Sound and the Gulf of Alaska*. Exxon Shipping Company, Anchorage.
- Harritt, Roger K.
 1997 Problems in Protohistoric Ethnogenesis in Alaska: The Naknek Drainage and the Pacific Eskimo Area. *Arctic Anthropology* 34(2):45–73.
- Kent, Ron
 1985 BIA ANCSA 14(h)(1) Field Investigations on Amchitka Island in the Aleutians. Paper presented at the 13th annual meeting of the Alaska Anthropological Association, Fairbanks. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- 1987 1986 BIA ANCSA 14(h)(1) Field Investigations on the Yukon River. Paper presented at the 14th annual meeting of the Alaska Anthropological Association, Anchorage. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- 1990 A Dated Microblade Site at Old John Lake, Northeast Interior Alaska. Paper presented at the 17th annual meeting of the Alaska Anthropological Association, Fairbanks. Unpublished paper on file at BIA ANCSA Office, Anchorage.
- Lefevre, Christine, Dixie West, and Debra G. Corbett
 2001 Archaeological Surveys in the Near Islands: Attu Island and Shemya Island. In *Archaeology in the Aleut Zone of Alaska: Some Recent Research*, edited by Don E. Dumond pp. 235–250.

- University of Oregon Anthropological Papers* No. 58, Eugene.
- Maschner, Herbert D. G., James W. Jordan, Brian W. Hoffman and Tina M. Dochat
 1997 The Archaeology of the Lower Alaska Peninsula. Laboratory of Arctic and North Pacific Archaeology Report 4. University of Wisconsin, Madison.
- Mills, Robin O.
 1994 Radiocarbon Calibration of Archaeological Dates from the Central Gulf of Alaska. *Arctic Anthropology* 31(1):126–149.
- O’Leary, Matt
 1995 Geography and Chronology of Yupiit Warrior Traditions. Paper presented at the 22nd annual meeting of the Alaska Anthropological Association, Anchorage. Unpublished paper on file at BIA ANCSA Office, Anchorage.
 1998 Test Results for KOD-607, Three Saints Bay, Kodiak Island. Report on file at BIA Regional Archeology, Anchorage.
 1999 Early Yupiit-Cupiit Regional Groups with Special Reference to Ceramic Cooking Pot Designs. Paper presented at the 26th annual meeting of the Alaska Anthropological Association, Fairbanks. Unpublished paper on file at BIA ANCSA Office, Anchorage.
 2001 Volcanic Ash Stratigraphy for Adak Island, Central Aleutian Archipelago. In *Archaeology in the Aleut Zone of Alaska: Some Recent Research*, edited by Don E. Dumond pp. 215–233. *University of Oregon Anthropological Papers* No. 58, Eugene.
- Pratt, Kenneth L.
 2001 The Ethnohistory of Caribou Hunting and Interior Land Use on Nunivak Island. *Alaska Journal of Anthropology* 1(1):28–55.
- Pratt, Kenneth L., and Robert D. Shaw
 1992 A Petroglyphic Sculpture from Nunivak Island, Alaska. *Anthropological Papers of the University of Alaska* 24(1–2):3–14.
- Sheppard, William L.
 1983 Continuity and Change in Norton Sound: Historic Sites and Their Contexts. *Occasional Paper* No. 37, Anthropology and Historic Preservation, Cooperative Park Studies Unit, University of Alaska Fairbanks, Fairbanks.
- Stuiver, Minze and Paula J. Reimer
 1993 Extended ¹⁴C Data Base and Revised CALIB ¹⁴C Age Calibration Program. *Radiocarbon* 35(1):215–230.
- Stuiver, Minze, Paula J. Reimer, Edouard Bard, J. Warren Beck, G.S. Burr, Konrad A. Hughen, Bernd Kromer, Gerry McCormac, Johannes van der Plicht, and Marco Spurk
 1998a INTCAL98 Radiocarbon Age Calibration, 24,000–0 cal BP. *Radiocarbon* 40(3):1041–1083.
- Stuiver, Minze, Paula J. Reimer, and Thomas F. Braziunas
 1998b High-Precision Radiocarbon Age Calibration for Terrestrial and Marine Samples. *Radiocarbon* 40(3):1127–1151.
- U.S. Bureau of Indian Affairs
 1998 Preliminary Mitigation Report on NAK-015, Naknek River, Southwest Alaska. Compiled by Matt O’Leary. Report on file at BIA ANCSA Office, Anchorage.

AHTNA, INC.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
GUL-033	Crosswind Lake	Beta-110095	980±70	AD 960–1220	charred material	Area 6, buried surface outside F-3, 20–22 cm. Flakes.
GUL-088	AA-60730A East Fork Village	Beta-29399	480±80	AD 1300–1630	charred material	F-1, TP-1, L-3, 50–53 cm.
GUL-194	AA-60729D Dickey Lake	Beta-214807	970±40	AD 1000–1170	charred material	Section, Blowout 2, unit 1N/3E, west wall, 10–20 cm. AMS. Measured age 980±40 BP, δ ¹³ C –25.8 ‰. Flakes.
GUL-219	Tulsona Creek	Beta-41829	650±80	AD 1225–1430	charcoal	?
		Beta-41830	100.4±0.9 pMC	modern	charcoal	Hearth, 20–23 cm.
GUL-331	Little Lake Louise	Beta-56549	60±70	AD 1670–1955	charcoal	F-9, TP-3, 1–10 cm, floor?
NAB-003	AA-10714A Batzulnetas	Beta-56551	570±150	AD 1165–1645	charcoal	Profile 1, cutbank at Nataelde clearing, Unit 9, 24 cm. Possible rootlet contamination.
		Beta-56552	410±80	AD 1335–1650	charcoal	Profile 1, cutbank at Nataelde clearing, Unit 4, 26 cm. Possible rootlet contamination.
VAL-323	Klutina Lake	Beta-134347	120±60	AD 1655–1955	wood	House depression. See Forshaw nd.
		Beta-134346	100±40	AD 1675–1955	bark (<i>Betula</i>)	House depression. AMS. Measured age 130±40 BP, δ ¹³ C –27.0 ‰.
		Beta-134345	60±60	AD 1675–1955	bark (<i>Betula</i>)	House depression.
VAL-404	AA-58702B Mendeltna Creek	Beta-29400	1510±60	AD 420–660	charcoal	F-127, Cell 1, L-3, 44–46 cm below datum. Cache pit feature.
		Beta-29401	590±60	AD 1285–1440	charcoal	F-127, Cell 2, L-3, 50–53 cm below datum. Cache pit feature.
VAL-488	Lower Tonsina	Beta-56548	4220±90	BC 3075–2500	charcoal	Bluff edge test pit, 10–30 cm. Extended counting. Flakes.
VAL-489	Copper River	Beta-56550	2920±90	BC 1395–845	charcoal	F-1, TP-2, 23–35 cm, floor. Anomalous old age?

THE ALEUT CORPORATION (TAC)

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
ADK-015	AA-12153 Shagak Spit	Beta-145103	230±40	AD 1530–1950	charred material	F-11, 30–50 cm. AMS. Measured age 210±40 BP, δ ¹³ C –23.8 ‰. Flakes, ground-stone ulu, girdled line sinker.
ADK-023	AA-12085 Adak Island	Beta-159930	3860±40	BC 2460–2200	charred material	F-A, 41–55 cm. AMS. δ ¹³ C –25.1 ‰.
ADK-024	AA-12086 Adak Island	Beta-159931	3740±40	BC 2280–2030	charred material	F-1, 50–51 cm, floor. AMS. Measured age 3760±40 BP, δ ¹³ C –26.2 ‰.
ADK-028	AA-12090 Bay of Waterfalls	Beta-122570	500±70	AD 1310–1620	charcoal	F-1, 20–25 cm, floor.
		Beta-127621	3300±70	BC 1740–1425	organic sediment	F-1, 52–54 cm. Low carbon bulk sample. Possibly a buried soil horizon.
ADK-035	AA-12097 Adak Island	Beta-194447	2570±40	BC 810–560	charcoal	F-1, TP-1, 39 cm. AMS. δ ¹³ C –24.8 ‰. Flakes.
ADK-052	AA-12056 Deceit Point	Beta-47139	130±70	AD 1645–1955	charcoal	Exposure, 10 cm.
ADK-055	AA-12059 Kanaga Island	Beta-47140	3290±60	BC 1735–1430	organic sediment	F-52, 60–68 cm. Flakes.
ADK-067	AA-12071 Kanaga Island	Beta-147151	470±60	AD 1400–1620	charred material	F-4, 8–10 cm, floor. Flake.
		Beta-144988	370±50	AD 1430–1650	peat	F-4, 34–36 cm, floor. Extended counting. Flake.
ADK-083	AA-12106 Adak Island	Beta-159932	1970±40	BC 50–AD 110	charred material	F-4, 32–34 cm, floor. AMS. δ ¹³ C –25.2 ‰. Unifacial tool, flakes, calcined bone.
ADK-097	AA-12114 Staten Island	Beta-145102	1190±60	AD 690–990	charred material	F-C, 40–45 cm. Extended counting. Flakes.
ADK-102	AA-12119 Eddy Island	Beta-109535	102.3±1.1 pMC	modern	charred material	Area I, House J, 14 cm. Extended counting.
ADK-103	AA-12120 Little Eddy Island	Beta-159933	1460±40	AD 540–660	organic sediment	F-C, 45–47 cm, floor. AMS. Measured age 1480±40 BP, δ ¹³ C –26.3 ‰. Flake.
ADK-110	AA-12128 Camel Cove	Beta-33332	2250±130	BC 760–AD 20	charcoal	F-3, TP-1, 35–38 cm. Extended counting. Obsidian projectile point, flakes.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
ADK-117	AA-12135 Adak Island	Beta-159934	2020±80	BC 200–AD 130	charred material	F-2, 38–41 cm, floor. Griddle stone.
ADK-127	Adak Island	Beta-122573	1530±50	AD 425–640	organic sediment	F-F, test, 32–35 cm, floor. Low carbon bulk sample. Flake.
ADK-171	Clam Lagoon	Beta-122574	6410±60	---	shell (<i>Clinocardium</i>)	Sectioned exposure, 115–148 cm, upper shell layer. Flakes. Measured age 6000±60 BP.
ADK-194	Clam Lagoon	Beta-134338	3050±70	BC 1445–1105	organic sediment	F-12, 60–63 cm, below 40 Year Ash. Low carbon bulk sample. Griddle stone.
ADK-221	Kanaga Island	Beta-76981	4230±60	BC 2920–2610	organic sediment	Bluff exposure, 100 cm. Basalt projectile point, flakes.
ADK-222	AA-12057 Kanaga Island	Beta-134340	2870±40	BC 1140–920	charred material	F-47, 37–47 cm. AMS. $\delta^{13}\text{C}$ –25.4 ‰. Calcined bone.
ADK-223	Airport Site	Beta-145104	160±60	AD 1645–1955	charred material	F-1, TP-1, 33 cm, floor. Flakes, bone projectile tip, griddle stones.
ADK-224	AA-12105 Campers Point	Beta-147152	150±40	AD 1660–1950	charred material	F-9, 15–20 cm, floor. AMS. $\delta^{13}\text{C}$ –24.7 ‰. Projectile point fragments, flakes.
		Beta-144989	320±40	AD 1460–1655	peat	F-9, 22–25 cm, floor. Extended counting. Flakes.
ADK-225	AA-12103 Boot Bay	Beta-122571	230±60	AD 1515–1950	charred material	F-2, 24–30 cm. Tested cobble, flakes.
ADK-227	AA-12136 Adak Island	WSU-2960	192.4±32.9 pMC	modern	grass mat	Burial cairn, tightly woven inner layer of burial wrap. Also reported as modern±400.
		WSU-?	250±300	AD 1210–1955	grass mat	Burial cairn, loosely woven outer layer of burial wrap.
AMK-003	AA-12203 Carlisle Island	Beta-39281	3200±70	BC 1680–1320	sediment	Profile 1, 173 cm. Flakes.
		Beta-39282	1690±70	AD 145–540	sediment	Exposure V, Profile 2, 98 cm, burned tundra layer.
		Beta-39283	1940±60	BC 50–AD 230	sediment	Exposure V, Profile 2, 103 cm. Flake.
AMK-008	AA-12201 Herbert Island	Beta-47146	3660±70	BC 2270–1785	sediment	Locus B, house floor in bluff exposure, 150–190 cm. Biface fragment, flakes, pumice abraded.
ATK-007	AA-12166A Sergiof Bay	Beta-159935	460±50	AD 1410–1500	charred material	F-7, 50–52 cm, floor. Measured age 440±50 BP, $\delta^{13}\text{C}$ –24.0 ‰. Flakes, griddle stone fragment, fish bone, calcined bone.
ATK-023	AA-12173 Bluefox Bay	Beta-168723	3030±40	BC 1400–1140	charred material	F-1, 55–75 cm, fill above floor. AMS. $\delta^{13}\text{C}$ –25.1 ‰. Flakes.
ATK-038	AA-12176 Podsopochni Bay	Beta-47121	440±70	AD 1330–1640	charcoal	Cutbank on creek, 10–15 cm, uppermost of 3 samples from same section.
		Beta-47120	620±80	AD 1260–1440	charcoal	Cutbank on creek, 35–40 cm, middle of 3 samples from section.
		Beta-47122	2390±50	BC 760–385	charred material	Cutbank on creek, 105–110 cm, lowermost of 3 samples from section.
ATK-039	AA-12177 Wall Bay	Beta-47142	2540±90	BC 890–400	charcoal	Creek exposure, pit feature, 72 cm. Numerous bifacial and unifacial tools in associated slump.
ATK-042	AA-12180 Egg Bay	Beta-127626	1990±40	BC 60–AD 85	charred material	F-1, 48 cm. AMS. Measured age 1940±40, $\delta^{13}\text{C}$ –22.1 ‰.
ATU-003	AA-11926 Shemya Island	Beta-39090	1790±110	BC 35–AD 530	charcoal	TP-A, L-6, 50–60 cm, NE quad, midden. Extended counting.
		Beta-39091	1860±100	BC 50–AD 410	charcoal	TP-A, 130–133 cm, midden. Extended counting.
		Beta-39092	1770±120	BC 35–AD 540	charcoal	TP-B, L-6, 50–60 cm, NW quad. Extended counting.
		Beta-40420	1720±70	AD 130–530	charcoal	TP-C, south half, L-6, 60–70 cm, possible hearth.
		Beta-40421	2030±70	BC 200–AD 125	charred material	TP-C, L-8, 50–60 cm, midden.
		Beta-40422	1810±60	AD 75–385	charred log	TP-C, L-10, 105–115 cm.
ATU-023	AA-11925 Shemya Island	Beta-39089	2680±70	---	fish bone	TP-2, 0–45 cm, midden. Biface fragment, flakes, 2 net sinkers.
ATU-035	AA-11913 Armeria Bay	Beta-33320	360±60	AD 1430–1655	charcoal	F-18, TP-1, L-2, 9–18 cm. 3 bifacial knives, flakes, bone tool fragment.
		Beta-33321	760±70	AD 1160–1390	charcoal	F-18, TP-1, L-2, 9–18 cm.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
		Beta-127625	1550±60	AD 400–635	charred material	F-18, TP-1, L-5, 40–50 cm. Biface or core fragment, unifacial scraper, stone saw, flakes.
ATU-061	Shemya Island	Beta-39104	3540±60	---	fish, sea mammal bone	TP-2 (section), 45–70 cm.
ATU-062	Shemya Island	Beta-40423	2060±90	BC 360–AD 125	charcoal	TP-1, 54–68 cm.
ATU-216	AA-11914 Armeria Bay	Beta-33322	330±50	AD 1445–1660	charcoal	F-49, TP-1, L-5, 40–43 cm below datum. Bifacial knife, biface fragments, blade with unifacial retouch, core fragment, 2 stone saws, fishhook shank.
		Beta-33323	280±50	AD 1480–1950	charred wood	F-49, TP-1, L-5a, 45 cm below datum.
KIS-001	AA-11932 Mutt Cove	Beta-122568	1890±60	AD 5–250	charred material	Exposed section, TP-2, 80–93 cm. Hammerstone, flakes.
KIS-008	AA-11927 Buldir Island	Beta-33324	320±50	AD 1450–1660	charred wood	Base of midden, 200 cm.
		Beta-33325	420±60	AD 1410–1640	wood	Base of midden, 145–155 cm.
KIS-010	AA-11931 Gertrude Cove	Beta-33318	310±50	AD 1450–1790	charcoal	East wall F-8, TP-1, 30 cm. Harpoon foreshaft, flakes.
KIS-029	AA-11934 Kiska Harbor	Beta-134339	320±60	AD 1445–1665	peat	F-1, 17–20 cm, dwelling floor.
KIS-030	AA-11930 Dark Cove	Beta-33327	2270±80	BC 505–120	charcoal?	TP-2, 15–30 cm, midden. Biface, 2 biface fragments, flakes, scoria abrader.
RAT-024	AA-11967 Amchitka Island	Beta-14935	23590±310	---	charcoal	Locus V, TP-1, L-3, 35–45 cm. Inferred lignite contamination.
		Beta-15710	4440±90	BC 3370–2885	charcoal	Locus V TP-1, L-3, 35–45 cm. Flakes, burin spall.
		Beta-15711	3520±130	BC 2200–1520	charcoal	Locus V, TP-1, L-3, 35–45 cm.
RAT-068	AA-12011 Petrel Point	Beta-15712	13780±270	---	charcoal	Locus II, TP-5, 66–74 cm. Inferred lignite contamination. Core fragment, flakes.
		Beta-14936	4610±110	BC 3640–2935	charcoal	Locus IV, TP-6, L-C, 22–32 cm. Retouched flake, flakes.
		Beta-29409	4510±230	BC 3760–2505	charcoal	Locus IV, TP-6, L-E, 44–55 cm. 2 hammerstones, core fragment, flakes.
RAT-070	AA-12013 Amchitka Island	Beta-14934	4330±100	BC 3340–2640	charcoal	Locus II, TP-5, Lens P, 0–10 cm. Flakes.
		Beta-29407	4780±270	BC 4220–2880	charcoal	Locus II, TP-5, Lens P, 0–10 cm. Flakes.
RAT-079	AA-11937 Rat Island	Beta-33328	180±50	AD 1540–1955	charred wood	F-7, TP-1, 16 cm.
		Beta-33329	230±90	AD 1450–1950	charcoal	F-7, TP-1, 10–20 cm.
		Beta-33330	360±90	AD 1410–1950	charcoal	F-40, TP-3, 8–16 cm.
RAT-085	AA-11944 Little Sitkin Island	Beta-33331	380±190	AD 1275–1955	charcoal	Stream cutbank, 60–62 cm. Extended counting.
RAT-087	AA-11936 Segula Island	Beta-122569	460±70	AD 1395–1635	charred material	F-1, 36–46 cm. Extended counting. Flake.
RAT-097	AA-11960C Sea Otter Point	Beta-14933	3640±90	BC 2285–1745	charcoal	F-69, TP-2, Stratum J, 162–167 cm. Extended counting. Flakes.
		Beta-29408	2430±190	BC 970–45	charcoal	F-69, TP-2, Stratum J, 162–167 cm.
SAM-017	AA-12204 Carlisle Island	Beta-39284	2780±60	BC 1110–810	sediment	Erosional face below F-22, 80 cm. Blade core fragment?
		Beta-41826	1540±110	AD 255–685	sediment	Marine terrace, base of soil overlying marine cobbles and sand, Area A-Ai? Geological sample.
		Beta-41827	1030±90	AD 780–1215	sediment	Marine terrace, base of soil overlying beach sand, Area A-Ai? Geological sample.
		Beta-41828	5440±100	BC 4460–4000	sediment	Marine terrace, base of subaerial deposits, 284 cm, Area A-Ai? Geological sample.
SAM-024	AA-12209 Samalga Island	Beta-159937	310±40	AD 1470–1660	charred material	F-38, 21–25 cm, floor. AMS. Measured age 280±40 BP, $\delta^{13}\text{C}$ –23.2 ‰. Biface fragment, retouched flake, flakes, tuff bowl fragment, unfinished lamp/pallet (?), calcined bone.
SEG-008	AA-12189 Amlia Island	Beta-47123	1170±90	AD 665–1025	charcoal	Midden section, 80–100 cm. Retouched flakes, burin (?).
SEG-011	AA-12190 Amlia Island	Beta-47143	2100±100	BC 390–AD 125	charcoal	F-19, 30 cm. Extended counting. Basalt scraper, flakes.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
SEG-013	AA-12192 Cape Idalug	Beta-134344	2130±50	BC 360–40	charred material	F-23, TP-3, 16–25 cm. AMS. Measured age 2110±50 BP, $\delta^{13}\text{C}$ –23.8 ‰. Biface fragment, blade-like flake, flakes, haphazard lamp (?).
		Beta-47144	520±70	AD 1300–1485	charcoal	F-99, TP-2, 20–25 cm. Flakes.
SEG-017	AA-12196 Amlia Island	Beta-168724	2500±40	BC 790–420	charred material	F-1, 56–60 cm, fill. AMS. Measured age 2480±40 BP, $\delta^{13}\text{C}$ –24.0 ‰. Flakes, bone.
		Beta-159936	2700±40	BC 920–800	charred material	F-1, 63–66 cm, fill. AMS. Measured age 2580±40 BP, $\delta^{13}\text{C}$ –17.7 ‰.
UMK-002	AA-12223 Umnak Island	Beta-134341	1110±50	AD 795–1015	charred material	F-1, 20–24 cm, lower band. AMS. $\delta^{13}\text{C}$ –25.3 ‰. Flakes, pumice abrader.
UMK-009	AA-12213 Kagamil Island	Beta-47124	260±60	AD 1480–1950	charcoal	Eroding terrace near F-101, 30 cm.
UNI-048	AA-12242A Akun Island	Beta-33333	2070±70	BC 350–AD 75	charcoal	Midden section, 140–150 cm.
		Beta-33334	1900±50	BC 15–AD 240	wood	Midden section, 200 cm.
UNI-076	AA-12244 Cape Lapin	Beta-122572	230±70	AD 1495–1950	charred material	F-10, 20–50 cm, fill above floor. Flakes, whalebone.
UNL-025	AA-12226 Konets Head	Beta-235610	330±40	AD 1450–1650	charred material	F-14, 38–44 cm, midden. AMS. $\delta^{13}\text{C}$ –25.3 ‰. Iron (?), obsidian flakes, faunal remains (shell, fish, bird, mammal)
UNL-057	AA-12239B Sedanka Island	Beta-14937	110±60	AD 1655–1955	charcoal	TP-1, 22–33 cm. Flake.
UNL-064	AA-12237 Usof Bay	Beta-179068	250±50	AD 1510–1950	charred material	F-1, 10–15 cm, upper floor. Measured age 240±50, $\delta^{13}\text{C}$ –24.2 ‰. Glass beads, ferrous metal, ground ulu or knife, flakes.
		Beta-179067	1020±40	AD 970–1040	charred material	F-1, 27–30 cm, middle floor. AMS. Measured age 1050±50, $\delta^{13}\text{C}$ –26.6 ‰. Ground stemmed knife.
		Beta-159939	1190±40	AD 720–960	charred material	F-1, 39–42 cm, lower floor. AMS. $\delta^{13}\text{C}$ –24.8 ‰. Flakes, worked wood, calcined bone.
UNL-081	AA-12227 Unalaska Island	Beta-159938	220±60	AD 1520–1950	charred material	F-3, 50–55 cm, hearth? Measured age 230±60 BP, $\delta^{13}\text{C}$ –25.5 ‰. Copper fragment, flake, sea mammal bone, fish bone (including Gadus), bird bone, urchin and bivalve shell, wood chips.
UNL-219	Sedanka Island	Beta-134342	840±40	AD 1055–1270	charred material	F-2, TP-2, 20–25 cm, floor? AMS. Measured age 820±40 BP, $\delta^{13}\text{C}$ –23.3 ‰.
XCB-004	AA-12261 Morzhovoi	Beta-29388	1500±150	AD 240–860	charcoal	F-264, TP-1, 0–10 cm, sod layer. Glass beads in situ below. Rejected by excavators.
XCB-023	AA-12256 Izembek Lagoon	Beta-29382	330±100	AD 1410–1950	charcoal	Bluff exposure near F-4, 10–29 cm, middle of 3 midden lenses. Bifacial knife fragment.
XCB-025	AA-12273 Alaska Peninsula	Beta-29386	290±100	AD 1430–1950	charcoal	F-21, TP-1, 20–40 cm. Combined sample from two 10 cm levels. White-on-white glass bead, flakes.
		Beta-29387	960±160	AD 695–1380	charcoal	F-19, TP-2, 10–40 cm. Combined sample from three 10 cm levels. Whetstone, flakes, metal fragments.
XCB-029	AA-12268 Joshua Green River	Beta-29390	4500±250	BC 3780–2490	charcoal	F-108, TP-1, 45–65 cm. Combined sample from two 10 cm levels. Retouched blade-like flake, flakes.
		Beta-29391	3370±150	BC 2105–1320	charcoal	F-108, TP-1, 90–100 cm. Flakes.
XCB-030	AA-12255 Blaine Point	Beta-29381	2990±110	---	shell	Area B, Shovel Test 2, 50–80 cm, fox burrow in midden. <i>Clinocardium</i> , <i>Mytilus</i> .
XCB-031	AA-12259C Izembek Lagoon	Beta-29384	1420±130	AD 390–890	charcoal	F-3, TP-1, 15–25 cm. Utilized flake, flakes.
		Beta-29385	1190±100	AD 655–1025	charcoal	F-3, TP-1, 55–65 cm. Flakes.
XCB-074	Alaska Peninsula	Beta-29392	740±70	AD 1165–1395	charcoal	Shovel probe, 20 cm.
XFP-023	AA-12262B Alaska Peninsula	Beta-29389	1780±80	AD 70–425	charcoal	F-1, 30 cm. Flakes.
XGI-019	AA-12045 Tanaga Island	Beta-147150	180±40	AD 1650–1950	charred material	F-35, TP-3, 20–22 cm, floor. AMS. $\delta^{13}\text{C}$ –24.6 ‰. Flakes.
		Beta-145101	1310±40	AD 650–780	charred material	F-35, TP-3, 34–36 cm, floor. AMS. $\delta^{13}\text{C}$ –25.1 ‰. Flakes.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
XPM-018	AA-12292 Sanborn Harbor	Beta-40419	2030±90	BC 350–135	charcoal	TP-8, 27–29 cm. Extended counting. Groundstone (?), miniature chert projectile point, retouched flake, flakes.
XPM-080	Korovin Island	Beta-127630	180±60	AD 1635–1950	charred wood	Bluff exposure above SE shore, upper portion of cultural deposit.
XSI-002	AA-12286A Simeonof Island	Beta-40418	190±60	AD 1530–1950	charred material	Area B, bluff section, 100 cm.

BERING STRAIT NATIVE CORPORATION (BSNC)

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
BEN-060	F-22894 An-Ning-Nug	Beta-234319	200±40	AD 1640–1950	charred material	Test in house depression, 20–22 cm. AMS. Measured age 190±40 BP, $\delta^{13}\text{C}$ –24.1 ‰. Pottery (fine gravel, sand, fiber), <i>Rangifer</i> in fill just above.
BEN-185	F-22007 Birch Creek	Beta-170273	1090±60	AD 790–1030	organic sediment	Test, 43–48 cm, floor? Measured age 1110±60 BP, $\delta^{13}\text{C}$ –26.7 ‰.
CAN-004	F-22908 Iqalugruaq	Beta-127629	120±50	AD 1660–1950	wood post	Near F-D, Shovel Probe 1, 10–43 cm. Ulu blade.
NOB-023	F-22849 Inglutalik	Beta-197560	120±60	AD 1660–1960	wood	Slumped sod block, west end of site, ca. 60 cm. Shot through with rootlets. Measured age 140±60 BP, $\delta^{13}\text{C}$ –26.0 ‰. On beach nearby are sheet copper, ground endblade, whetstones, pottery, Phoca, other sea mammal, Delphinapterus, Alces, <i>Rangifer</i> , mammoth ivory (?).
		Beta-196764	1010±40	--	charred material	Sample scraped from ceramic vessel wall, surface of intertidal beach on left river bank. AMS. Measured age 990±40 BP, $\delta^{13}\text{C}$ –23.9 ‰. From ceramic sherd (pebble and grass temper).
NOM-004	F-21997B Salmon Lake	Beta-221218	170±40	AD 1650–1950	charred material	F-58, 30–35 cm. AMS. Measured age 210±40 BP, $\delta^{13}\text{C}$ –27.7 ‰. Groundstone knife fragment, calcined bone.
NOM-051	F-22857 Independence Reindeer Cabin	Beta-221219	40±40	AD 1690–1950	charred material	F-A, 21 cm, probably dwelling floor. AMS. Measured age 30±40 BP, $\delta^{13}\text{C}$ –24.6 ‰.
NOM-112	F-21907B Glacial Lake I	Beta-196762	260±40	AD 1520–1950	bone (<i>Rangifer</i>)	Slumped sod block, downslope from F-18, ca. 23 cm. AMS. Measured age 150±40 BP, $\delta^{13}\text{C}$ –18.2 ‰. Biface fragments, cores, flakes nearby.
NOM-145	F-22847 Cobblestone Creek	Beta-197559	110±40	AD 1670–1950	bone (<i>Rangifer</i>)	Surface lithic scatter, NW slope of moraine. AMS. Measured age 0±40 BP, $\delta^{13}\text{C}$ –18.2 ‰. Biface fragment, burin (?), flakes.
SOL-012	F-21916 Chiugaq	Beta-221217	290±40	AD 1490–1660	charred material	Test in house feature, 75 cm. Extended counting. Measured age 300±40 BP, $\delta^{13}\text{C}$ –25.3 ‰.
SOL-065	F-21936C Kuvrawik	Beta-23391	390±70	AD 1410–1650	charcoal	Bluff exposure near F-20, 15–20 cm.
		Beta-23392	770±50	AD 1165–1300	charcoal	Bluff exposure at F-21, 88–90 cm.
		Beta-23393	620±80	AD 1260–1440	charcoal	Bluff exposure near F-22, 90 cm. Below bone sled shoe.
SOL-068	F-21889 Uqpiktulik	Beta-127628	10±80	AD 1675–1940	wood	Area O, between F-A and F-B, TP-1, 56 cm. Bone boat hook.
SOL-073	F-21945B Tapkaa	Beta-218800	510±60	AD 1310–1470	charred material	Backdirt from looter's hole, south portion F-B. Extended counting. Measured age 500±60 BP, $\delta^{13}\text{C}$ –24.2 ‰. Pottery (fiber and gravel temper).
SOL-130	F-21937 Ipnachuaq	Beta-235611	30±40	AD 1700–1950	wood	F-16, TP-1, 40–45 cm. $\delta^{13}\text{C}$ –25.0 ‰. Wood sled shoe.
		Beta-234318	290±50	AD 1460–1950	charred material	F-43, TP-2, ca. 55 cm. $\delta^{13}\text{C}$ –25.3 ‰. Wood sled shoe (?) in fill just above, pottery (fine gravel, sand, plant fiber temper) in nearby cutbank.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
SOL-169	F-21946	Beta-219596	70±40	AD 1680–1950	cut wood	F-A entry, ca. 50 cm, part of modified wood object. AMS. $\delta^{13}\text{C}$ –25.3 ‰.
TEL-020	F-22006 Millitaavik	Beta-23388	100.3±0.9 pMC	modern	charcoal	F-65, Profile 1, L-1, 90–95 cm. Corrugated/curvilinear pottery.
		Beta-23389	600±70	AD 1280–1440	charred log	F-56/57, Profile 2, L-1, 90–100 cm.
TEL-066	F-21949B Kok-suk-tik	Beta-235612	30±40	AD 1700–1950	charred material	Cutbank exposure below F-M. AMS. Measured age 60±40 BP, $\delta^{13}\text{C}$ –26.6 ‰. Associated with pottery (sand, fine gravel, plant fiber temper), chert biface thinning flake, bird and small mammal bone.
		Beta-225447	630±40	---	soot	Charred material scraped from exterior of pot sherd (possible Seward Striated type), cutbank, 50 cm. AMS. Measured age 620±40 BP, $\delta^{13}\text{C}$ –24.5 ‰.
TEL-067	F-21979 Ave-olt-vik	Beta-233978	610±40	ad 1290–1420	charred material	F-E, 47 cm. Measured age 580±40 BP, $\delta^{13}\text{C}$ –23.3 ‰. Flakes and potter (fine gravel, sand, feather temper) in section above.
TEL-151	F-22010 Ah-up-tak-con-yak	Beta-197557	210±40	ad 1640–1950	bone (<i>Rangifer</i>)	Surface of caribou bone midden at habitation area. AMS. Measured age 100±40 BP, $\delta^{13}\text{C}$ –18.4 ‰.
		Beta-196763	250±40	ad 1520–1950	bone (<i>Rangifer</i>)	Caribou bone midden at habitation area, 35 cm. AMS. Measured age 140±40 BP, $\delta^{13}\text{C}$ –18.4 ‰.
		Beta-233979	290±40	ad 1480–1660	wood	F-8, 24 cm. Measured age 300±40 BP, $\delta^{13}\text{C}$ –25.3 ‰. Shale flake, pottery (fine gravel, sand, plant fiber temper), <i>Rangifer</i> and unidentified bird in section above.
TEL-152	F-22010	Beta-197558	220±40	ad 1640–1950	antler (<i>Rangifer</i>)	Surface along caribou bone drift fence. AMS. Measured age 130±40 BP, $\delta^{13}\text{C}$ –19.6 ‰.
TEL-208	King Island Cemetery	Beta-225448	1010±40	---	soot	Charred material scraped from exterior of pot sherd (Seward Striated type), surface. AMS. Measured age 970±40 BP, $\delta^{13}\text{C}$ –22.5 ‰.
TEL-210	King Island	Beta-207746	870±40	ad 1040–1260	charred material	F-2, TP-1, 10–50 cm, backdirt. AMS. Measured age 890±40 BP, $\delta^{13}\text{C}$ –26.0 ‰. Flake tool fragment, pottery (gravel and fiber temper).
		Beta-209779	1420±40	---	soot	Charred material scraped from exterior of thick-wall rim sherd (gravel and fiber temper), F-2, TP-1, SE wall, 30 cm. AMS. Measured age 1370±40 BP, $\delta^{13}\text{C}$ –21.8 ‰.
		Beta-207747	870±40	AD 1040–1260	charred material	F-5, TP-2, 25–35 cm. AMS. Measured age 800±40 BP, $\delta^{13}\text{C}$ –20.8 ‰. Ground slate endblade, whetstone, pottery (gravel and fiber temper).
		Beta-209780	1440±40	---	soot	Charred material scraped from exterior of pot sherd (gravel and fiber temper), F-5, TP-2, 25–35 cm. AMS. Measured age 1370±40 BP, $\delta^{13}\text{C}$ –20.9 ‰.
		Beta-219157	720±40	AD 1250–1300	charred material	AF-005, 17 cm. AMS. Measured age 690±40 BP, $\delta^{13}\text{C}$ –23.2 ‰. Pottery (gravel and fiber temper), calcined bone.
		Beta-219593	1330±40	---	soot	Charred material scraped from exterior of pot sherd (gravel and fiber temper), AF-005, 17 cm. AMS. Measured age 1290±40 BP, $\delta^{13}\text{C}$ –22.5 ‰.
UKT-001	AA-38080 Golsovia	Beta-182356	380±60	AD 1420–1650	charred material	F-20, 20 cm, base of sod. Extended counting. $\delta^{13}\text{C}$ –24.7 ‰. Calcined bone.
		Beta-181469	280±40	AD 1500–1665	charcoal	F-20, 32 cm. AMS. Measured age 290±40 BP, $\delta^{13}\text{C}$ –25.4 ‰.
		Beta-234317	180±40	AD 1650–1950	wood	F-33, 50 cm. AMS. $\delta^{13}\text{C}$ –24.7 ‰. <i>Rangifer</i> , unidentified small fish in fill just above.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
UKT-016	AA-10700 Kuik	WSU-2539	470±75	AD 1310–1630	grass mat	Base of midden exposed at bluff edge, 100 cm. Yukon-lined pottery.
		WSU-2540	530±80	AD 1290–1490	charcoal	Base of midden exposed at bluff edge, 100 cm. Possible mold contamination.
UKT-017	Qiku	Beta-181470	150±70	AD 1640–1960	charcoal	Cutbank, 23–25 cm. $\delta^{13}\text{C}$ –25.3 ‰. Groundstone ulu, calcined bone (including <i>Rangifer</i>).
UKT-021	AA-10695 Ulukuk	Beta-169778	120±40	AD 1670–1950	charred material	F-8, TP-1, 15–18 cm, floor. AMS. Measure age 130±40 BP, $\delta^{13}\text{C}$ –25.7 ‰. Calcined bone.
		Beta-170271	270±40	AD 1510–1800	charred material	F-7, 18 cm, floor. AMS. $\delta^{13}\text{C}$ –25.3 ‰. Window glass, calcined bone.
		Beta-170272	150±40	AD 1660–1950	charred material	F-20, 18 cm, floor. AMS. Measured age 140±40 BP, $\delta^{13}\text{C}$ –24.4 ‰.
		Beta-217833	200±40	AD 1640–1950	wood (<i>Betula</i>)	Birch bark basket fragment (UA91-52-9), TP-1, near entry tunnel for F-8, 98 cm. AMS. Measured age 250±40 BP, $\delta^{13}\text{C}$ –27.9 ‰. Three white glass beads.
UKT-032	AA-10701 Black Point	Beta-169777	390±40	AD 1430–1630	charred material	TP-1, 10–20 cm, stone-walled feature. AMS. Measured age 400±40 BP, $\delta^{13}\text{C}$ –25.8 ‰. Pottery (fiber and gravel temper), cut bone (including <i>Rangifer</i>).
		Beta-181468	320±70	AD 1440–1950	charred wood	“Grassy knoll,” 8 cm. Extended counting. Whetstone.
		Beta-221216	40±40	AD 1690–1950	charred material	Base of eroding midden at high tide mark. Extended counting. Measured age 30±40 BP, $\delta^{13}\text{C}$ –24.8 ‰. Groundstone fragment, whetstone, pot sherds (gravel and fiber temper) in adjacent slump.
XSL-009	Kukulik	Beta-144990	1680±40	---	ivory (<i>Odobenus</i>)	Harpoon head, I-1935-0115; 66.5 m E of test cut, 8 m N, 122 cm above sterile clay. AMS. Measured age 1500±40 BP, $\delta^{13}\text{C}$ –13.6 ‰. Punuk. See Blumer 2002:83–84,103.
		Beta-144992	2110±40	---	bone	Harpoon head, I-1935-8992, beach slope. AMS. Measured age 1850±40 BP, $\delta^{13}\text{C}$ –13.6 ‰. Old Bering Sea. See Blumer 2002:83–84,103.
		Beta-144991	1110±40	---	bone	Harpoon head, I-1935-8676. 16 m E of test cut, 4.5 m N, 58.5 cm. AMS. Measured age 1050±40 BP, $\delta^{13}\text{C}$ –20.8 ‰. Thule or Punuk. See Blumer 2002:83–84,103.

BRISTOL BAY NATIVE CORPORATION (BBNC)

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
DIL-148	Nushagak River	Beta-110107	250±70	AD 1475–1950	charred material	F-9, L-3, tunnel. Groundstone, <i>Rangifer</i> .
		Beta-110102	300±80	AD 1440–1950	charred material	F-18, L-12, floor. Extended counting. Groundstone, scrapers, cores, flakes, <i>Rangifer</i> .
		Beta-110104	280±50	AD 1485–1950	charred material	F-20, West Unit, L-4. Groundstone, whetstone, flakes, <i>Rangifer</i> , Castor.
		Beta-110101	170±60	AD 1645–1950	charred material	Sample RH-1-25. Extended counting.
		Beta-110105	240±60	AD 1505–1950	charred material	Sample AD-4.
GDN-233	Togiak River	Beta-110098	1230±70	AD 665–980	charred material	F-A. Polished adze bit, groundstone, tanged sideblade, biface, core, flakes, <i>Rangifer</i> ?
		Beta-109536	1250±50	AD 670–890	charred material	F-B. AMS. Measured age 1290±50 BP, $\delta^{13}\text{C}$ –27.6 ‰. Bifacial knife, endblade, biface fragments, scrapers, core, flakes.
		Beta-110099	1280±80	AD 635–960	charred material	F-D. Extended counting.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
		Beta-109537	1170±80	AD 680–1020	charred material	F-D, L-7, 105 cm. Groundstone, biface preform, microblade, core, hammerstone, flakes, <i>Rangifer</i> ?
		Beta-109538	1200±100	AD–650–1020	charred material	F-E. Groundstone, tanged sideblade, sideblades, endblade, end scraper, biface, cores, flakes.
		Beta-110100	1070±70	AD 855–1150	charred material	F-F. Endblade, bifaces, microblade, flakes.
		Beta-109539	1290±60	AD 650–885	charred material	F-G. Groundstone knife, sideblades, end scraper, bifaces, core, flakes.
ILI-035	Copper River	Beta-106568	900±60	AD 1015–1265	charred material	Test Unit RH-1, 25 cm.
		Beta-106569	2340±100	BC 780–175	charred material	Test Unit CS-1, 36–38 cm. Extended counting.
ILI-133	Tazimina River	Beta-182357	110±70	AD 1650–1955	charred material	F-1, TP-1, 27–35 cm, base of hearth. Extended counting. $\delta^{13}\text{C}$ –25.1 ‰. Calcined bone.
NAK-015	Naknek River	Beta-83512	260±60	AD 1485–1800	charcoal	H-19, hearth. Groundstone, worked <i>Rangifer</i> . See USBIA 1998.
		Beta-67127	140±80	AD 1640–1950	wood	H-47, 60 cm, tunnel structure.
		Beta-83953	330±60	AD 1435–1950	charcoal	H-47, hearth.
		Beta-104615	290±80	AD 1445–1950	charred material	H-47, 50 cm, floor. Measured age 310±80 BP, $\delta^{13}\text{C}$ –26.2 ‰. Ground shale endblades, shale sideblade, adze, whetstones, biface fragments, hammerstones, exterior-ridge pottery, labret, stone bead, copper, flakes, worked <i>Rangifer</i> bone, <i>Odobenus</i> .
		Beta-83513	210±70	AD 1515–1950	charred material	H-58, 25 cm, hearth. Groundstone, flake, slotted handle (<i>Rangifer</i>), <i>Odobenus</i> .
		Beta-34424	240±80	AD 1465–1950	charcoal	H-65, hearth.
		Beta-67125	260±80	AD 1450–1950	charcoal	H-65, 30–35 cm, hearth. House artifacts include ground shale endblades, chipped point, bone dart head, whetstones, hammerstones, bone wedge, pigment grinder, shale knife, exterior-ridged pottery, bone scraper, bone pick, copper, ivory effigy, flakes, <i>Rangifer</i> , <i>Eumetopias</i> , <i>Phocidae</i> , <i>Pinnipedia</i> .
		Beta-71500	420±70	AD 1410–1650	charred material	H-65, tunnel floor. Measured age 430±70 BP, $\delta^{13}\text{C}$ –25.3 ‰.
		Beta-71501	300±70	AD 1450–1950	charred material	H-65, floor? Measured age 340±70 BP, $\delta^{13}\text{C}$ –27.4 ‰.
		Beta-71502	370±80	AD 1420–1950	charred material	H-65, floor? Measured age 410±80 BP, $\delta^{13}\text{C}$ –27.5 ‰.
		Beta-67128	110±70	AD 1650–1950	wood	H-68, 80 cm, structural wood. Modern rootlets.
		Beta-67129	630±60	AD 1275–1425	organic sediment	H-68, roof sod? Low carbon bulk sample.
		Beta-104616	410±60	AD 1420–1645	charred material	H-68, 25 cm, floor. Measured age 450±60 BP, $\delta^{13}\text{C}$ –27.3 ‰. Groundstone, shale knife, slotted handle (<i>Rangifer</i>), hammerstone, flakes, pottery, pigment anvil.
		Beta-67126	290±80	AD 1440–1950	charcoal	F-76, 10–40 cm, hearth.
		Beta-71495	230±70	AD 1500–1950	charred material	F-61, 43 cm, floor? Measured age 300±70 BP, $\delta^{13}\text{C}$ –29.3 ‰.
		Beta-71496	2170±80	BC 390–0	charred material	F-76, 55 cm, Norton floor. Measured age 2220±80 BP, $\delta^{13}\text{C}$ –27.9 ‰. Sideblade, biface fragments, flakes.
		Beta-71497	1480±80	AD 420–680	charred material	F-76, 80 cm, tunnel fill. Measured age 1510±80 BP, $\delta^{13}\text{C}$ –27.2 ‰.
		Beta-71498	340±60	AD 1440–1950	charcoal	F-76, 33 cm, hearth. Measured age 380±60 BP, $\delta^{13}\text{C}$ –27.4 ‰.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
		Beta-72634	300±70	AD 1440–1950	charred material	F-76, floor. Measured age 310±70 BP, $\delta^{13}\text{C}$ –25.4 ‰. Ground shale endblades, shale knives, whetstones, bone handle (<i>Rangifer</i>), bone wedge, twined basket, leather, bone pick, flakes, pottery.
		Beta-72365	340±60	AD 1440–1665	wood	F-76, 88–98 cm, tunnel structure. Measured age 330±50 BP, $\delta^{13}\text{C}$ –24.6 ‰
		Beta-76983	230±50	AD 1520–1950	charred material	F-76, 50 cm, hearth.
		Beta-83952	350±60	AD–1435–1665	wood	F-95, tunnel structure. Associated artifacts include adzes, whetstones, hammerstones, bone handle (<i>Rangifer</i>), bone wedge, drill rest, flakes, pottery.
		Beta-104617	380±80	AD 1415–1665	wood	F-102, 15 cm, floor. Measured age 390±80 BP, $\delta^{13}\text{C}$ –25.9 ‰. Core, bone pick, pottery.
		Beta-83515	1000±70	AD 895–1205	organic material	F-105, 55–59 cm, compressed plant material below “Ash C.”
		Beta-83516	1580±70	AD 350–635	charred material	F-105, 74–79 cm, upper floor. Biface fragments, flakes.
		Beta-83517	1700±80	AD 145–550	charred material	F-105, 98–100 cm, lower floor. Stemmed point, flakes, pottery.
		Beta-83514	320±60	AD 1450–1950	charred material	H-113, 83 cm, floor. Chipped endblade, bone wedge, flakes, pottery.
		Beta-83954	530±60	AD 1305–1460	charred material	H-116, L-3, floor? AMS. Measured age 570±60 BP, $\delta^{13}\text{C}$ –27.5 ‰. Human remains, adze, whetstone, flakes, <i>Rangifer</i> , <i>Mytilus</i> .
UGA-050	King Salmon River	Beta-208262	1550±40	AD 420–610	charred material	F-14, 90–95 cm. AMS. Measured age 1540±40 BP, $\delta^{13}\text{C}$ –24.1 ‰.
UGA-052	King Salmon River	Beta-168718	1640±40	AD 340–530	charred material	TP-1, 63 cm, house fill. AMS. $\delta^{13}\text{C}$ –24.8 ‰.
		Beta-168719	1580±40	AD 400–570	charred material	TP-1/2, ca. 60 cm, house fill. Combined sample. AMS. $\delta^{13}\text{C}$ –25.3 ‰.
		Beta-168720	280±40	1500–1670	charred material	TP-7, 30–40 cm, floor. AMS. Measured age 300±40 BP, $\delta^{13}\text{C}$ –26.3 ‰.
		Beta-168721	310±50	AD 1460–1660	charred material	TP-7, 100 cm, tunnel or pit.
		Beta-168722	1020±70	AD 890–1180	charred material	TP-8, 20–25 cm. Measured age 1040±70 BP, $\delta^{13}\text{C}$ –26.4 ‰.
XNB-051	AA-11875 Tuqlia	Beta-14946	2010±80	BC 200–AD 135	charcoal	P-1, section at eroding bluff near F-12, 18–30 cm. Linear- and check-stamped pottery, bifaces in slump.
XNB-125	AA-10668 Meterviim Qamiqurra	Beta-220689	2070±40	BC 190–AD 20	charred material	Midden grab sample from fox den entrance. AMS. $\delta^{13}\text{C}$ –24.9 ‰. Biface thinning or retouch flakes, <i>Pboca</i> , bird, fish, <i>Clinocardium</i> , <i>Macoma</i> , <i>Mytilus</i> , <i>Thais</i> .
XNB-126	AA-10668 Meterviim Qamiqurra	Beta-220687	190±40	AD 1650–1950	charred material	F-1, TP-1, ca. 15 cm, upper floor (?). AMS. $\delta^{13}\text{C}$ –25.3 ‰.
		Beta-220688	1620±60	AD 260–570	charred material	F-1, TP-1, 30–33 cm, lower floor. Measured age 1630±60, $\delta^{13}\text{C}$ –25.3 ‰. Biface thinning or retouch flakes.

CALISTA CORPORATION

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
BTH-118	AA-11496 Qemicugmiut	Beta-18583	700±80	AD 1190–1410	charcoal	F-9, section through sod block wall. Extended counting. Informants associated the site with <i>ircinraat</i> , “little people.”
BTH-158	AA-10200 Qip’acuk	Beta-233207	100.5±0.5 pMC	modern	charred material	F-1, TP-1, 13–31 cm. AMS. $\delta^{13}\text{C}$ –25.2 ‰

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
GDN-215	AA-09945 Tekrilnguaraam Nuunii	Beta-18578	440±50	AD 1410–1620	charcoal, wood	Cutbank near F-10, 50–53 cm. Zig-zag (gravel temper) and linear-stamped (gravel and fiber temper) pottery in slump below.
KWI-008	AA-10060 Cillarsuinaq	Beta-195271	1310±40	---	fish bone (<i>Lota, Esox</i>)	Cutbank section, 53–55 cm. AMS. $\delta^{13}\text{C}$ -25.1 ‰.
KWI-043	AA-11764A Kuigaaralleq	Beta-14938	360±70	AD 1425–1660	charcoal, wood	Cutbank section, L-2, 60 cm. Pottery, bone needle.
	AA-11764B	Beta-14939	modern	modern	charcoal	Cutbank, 101 cm.
LIM-015	AA-11751 Tinch'ghil'kaq	Beta-127623	280±60	AD 1460–1950	charred material	F-1, TP-1, 5–8 cm. Extended counting.
LIM-017	AA-09344 Qeghnilen	Beta-218277	880±50	AD 1030–1260	charred material	TP-1, 14–20 cm, midden. AMS. $\delta^{13}\text{C}$ -24.9 ‰.
LIM-030	AA-11752A Stony River	Beta-23390	470±80	AD 1305–1635	charcoal	F-1, TP-1, 10–17 cm.
LIM-063	AA-11755	Beta-218279	480±60	AD 1320–1500	charred material	Test near F-c, 14–17 cm, buried surface. AMS. Measured age 360±60 BP, $\delta^{13}\text{C}$ -17.8 ‰.
MAR-008	AA-09722 Englullugpagmiut	WSU-2955	451±55	AD 1400–1620	wood?	Slumped NW face of Mound F.
MAR-036	AA-09827 Teggalqut	WSU-2957	modern±80	modern	charcoal	F-1, 12–25 cm, hearth.
MAR-052	AA-09747 Utqerrun	Beta-47135	101.2±1.0 pMC	modern	charcoal	F-1, 5–10 cm.
MAR-057	AA-11316B Qasqirayarmiut	Beta-29395	100±60	AD 1660–1955	charcoal	Between F-25 and F-26, 75 cm.
MAR-060	AA-11743 Ciqyulinguk	Beta-234315	390±50	AD 1430–1640	peat	F-16, 29–31 cm. Measured age 380±50 BP, $\delta^{13}\text{C}$ -24.2 ‰. Line-dot pottery (small gravel, sand and plant fiber temper), fish bone, freshwater bivalve.
		Beta-233209	40±40	AD 1700–1950	charred material	F-16, ca. 45–48 cm. AMS. $\delta^{13}\text{C}$ -25.1 ‰. Line-dot pottery (small gravel, sand and plant fiber temper)
MAR-068	AA-10173 Evegtaq	Beta-231807	240±40	AD 1530–1950	charred material	HP-4, TP-1, ca. 20 cm. AMS. Measured age 220±40 BP, $\delta^{13}\text{C}$ -23.5 ‰.
		Beta-231808	70±40	AD 1680–1960	charred material	HP-2, TP-2, 18–22 cm. AMS. Measured age 50±40 BP, $\delta^{13}\text{C}$ -23.8 ‰.
MAR-072	AA-11221 Qayigyalek	Beta-29397	140±110	AD 1490–1955	charcoal	Mound 2, cutbank exposure near F-10, 75–80 cm.
MAR-073	AA-09731 Akakiigmiut	Beta-14931	600±90	AD 1260–1450	charcoal	Area C, F-9, 15–20 cm. Extended counting.
MAR-074	AA-09724 Aurrvigmiut	WSU-2958	100.5±1.0 pMC	modern	charcoal	Frost crack on occupation mound, 20 cm. Also reported as modern±80.
MAR-075	AA-09626 Kapuut'lermiut	WSU-2956	790±120	AD 1005–1405	charcoal	Frost crack on occupation mound, 30–60 cm.
MAR-076	AA-10170 Naparraat Kuigat	Beta-14940	710±70	AD 1195–1400	charcoal	F-1, 20 cm. Flakes, calcined bone.
MAR-077	AA-09911B Cingigmiut	Beta-14932	480±90	AD 1300–1640	charcoal	Shovel Test 1, 27 cm. <i>Rangifer, Canus</i> .
MAR-080	AA-10169 Avgun	Beta-195272	1330±70	AD 610–870	charred material	F-1, 20–30 cm. Measured age 1360±70 BP, $\delta^{13}\text{C}$ -26.6 ‰. Flakes, pottery, calcined bone.
		Beta-195273	1030±70	AD 880–1170	charred material	F-1, 30–40 cm. Measured age 1040±70 BP, $\delta^{13}\text{C}$ -25.3 ‰. Chipped endblade fragment, flakes, pottery (sand and fiber temper), calcined bone.
		Beta-195274	1290±50	AD 650–870	charred material	F-1, 40–45 cm, fill. Measured age 1300±50 BP, $\delta^{13}\text{C}$ -25.5 ‰. Flakes, striated pottery (sand temper), calcined bone.
		Beta-233206	210±40	AD 1640–1950	charred material	F-14, 29–33 cm, floor zone? $\delta^{13}\text{C}$ -25.3 ‰.
		Beta-235609	900±40	AD 1030–1220	charred material	F-14, 38–40 cm, fill. AMS. Measured age 870±40 BP, $\delta^{13}\text{C}$ -23.4 ‰.
RUS-079	AA-11581 Taqikatuk	Beta-233208	70±40	AD 1680–1950	charred material	Test, 36–46 cm. AMS. Measured age 60±40 BP, $\delta^{13}\text{C}$ -24.3 ‰.
RUS-081	AA-11582 Kassigluq	Beta-182355	101.36±0.7 pMC	modern	wood	F-1, TP-1, 15–20 cm, roof collapse. Measured age 101.18±0.7 pMC, $\delta^{13}\text{C}$ -25.9 ‰.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
		Beta-180668	440±60	AD 1405–1630	charred material	F-1, TP-1, 25–28 cm, floor. Extended counting. Measured age 420±60 BP, $\delta^{13}\text{C}$ –23.8 ‰. Copper wire, bird bone.
RUS-083	AA-11482 Quagyaq	Beta-195275	510±70	AD 1300–1490	charred material	Test pit, 18–25 cm. Extended counting. Measured age 530±70 BP, $\delta^{13}\text{C}$ –26.6 ‰.
SLT-002	AA-11703A Ituliliq	Beta-218278	105.7±0.5 pMC	modern	charred material	F-1, TP-1, 46–47 cm, floor. AMS. Measured age 106.4±0.5 pMC, $\delta^{13}\text{C}$ –21.8 ‰. Glass seed beads.
		Beta-219155	390±40	AD 1430–1630	charred material	F-31, TP-2, ca. 42 cm, floor. AMS. Measured age 380±40 BP, $\delta^{13}\text{C}$ –24.6 ‰. <i>Rangifer</i> .
SLT-008	AA-09855 Little Mountain Village	Beta-40424	1140±60	AD 720–1020	charcoal	F-23, TP-2, L-IV, 10–17 cm.
SMI-035	AA-10072 Petmigtalek	Beta-182354	1870±70	BC 5–AD 330	plant material	House depression, 20 cm. Measured age 1900±70 BP, $\delta^{13}\text{C}$ –26.4 ‰. Arrow shaft, cut bone (<i>Rangifer</i> ?), hair, seeds of <i>Rubus</i> and <i>Empetrum</i> .
		Beta-181467	1910±80	BC 60–AD 260	wood (stake?)	House depression, 30 cm. Measured age 1950±80 BP, $\delta^{13}\text{C}$ –27.5 ‰. Bone figure (<i>Rangifer</i>), pottery (gravel and fiber temper), worked wood, <i>Egignathus</i> ?, seeds of <i>Rubus</i> and <i>Empetrum</i> .
XBI-080	AA-11366 Ingriarmiut	Beta-18582	440±100	AD 1300–1655	charcoal	NE side of mound, 100 cm up from base? Extended counting. Pottery (gravel and fiber temper).
XBI-123	AA-10188 Ar'emaarmiut	Beta-218798	230±40	AD 1530–1950	charred material	Structure 6, TP-1, ca. 20 cm. AMS. $\delta^{13}\text{C}$ –24.8 ‰.
XBI-135	AA-09890 Arnat Kuigat	Beta-218797	100.72±0.54 pMC	modern	charred material	F-1, SP-1, 16–20 cm. Extended counting. Measured age 100.56±0.54 BP, $\delta^{13}\text{C}$ –25.8 ‰. Gun part, glass beads.
XBI-143	AA-11365A Cakcaam Painga	Beta-127622	170±80	AD 1520–1950	charred material	Structure 10, rock-lined pit, 10–25 cm. Informant identified feature as a kiln. Pottery (gravel and fiber temper).
XBI-176	AA-09927 Ayiikatararmiut	Beta-14945	350±70	AD 1430–1790	charred material	Cutbank, 110 cm. Pecked basalt lamp.
XBI-177	AA-09967 Imainermiut	Beta-14944	470±70	AD 1320–1630	charcoal	Slumped bank at F-3, 40 cm.
XBI-178	Ircinraat Nuniit	Beta-127631	1060±60	AD 875–1040	charred material	Holes A and B. Combined sample with extended counting. Curvilinear pottery (gravel and fiber temper). Informants associated the site with <i>ircinraat</i> , “little people.”
XBI-179	AA-10294 Qassararmiut	Beta-18581	530±80	AD 1290–1490	charred wood	F-2, 81–93 cm. Groundstone fragment, flake.
XBI-180	AA-11602	Beta-29396	100.2±0.7 pMC	modern	charcoal	F-1, 88–100 cm, slump exposure.
XBI-185	AA-10228 'Luumarvik	Beta-218799	220±40	AD 1640–1950	charred material	F-32, TP-2, 10–30 cm. Extended counting. Measured age 240±40 BP, $\delta^{13}\text{C}$ –26.7 ‰. Cut <i>Rangifer</i> .
XBI-186	AA-09981 Nalivagmiut	Beta-195270	190±60	AD 1530–1950	charred material	F-6, TP-2, 17–22 cm. $\delta^{13}\text{C}$ –24.7 ‰. Pottery (gravel and fiber temper).
XCM-001	AA-09270 Ciguralegmiut	Beta-18589	2260±80	BC 480–110	charcoal	Section, 42–46 cm. Pottery (fiber temper), flake. Check-stamped pottery, ivory bird point (blunt), net sinker, groundstone knife fragment in slump below.
XCM-005	AA-09281 Penacuarmiut	Beta-18592	560±100	AD 1275–1610	charcoal	Cutbank exposure, 17 cm.
		Beta-18591	2670±220	BC 1405–235	charcoal	Section, 44 cm below datum. Extended counting. Exterior-ridged pottery (gravel and fiber temper). Check-stamped pottery in situ above, groundstone knife or ulu fragment in situ below, net sinkers in slump below.
XCM-010	AA-09254A Kiiwigmiut	Beta-18587	110±70	AD 1650–1955	charcoal	F-2, fire box (slab hearth near surface). Calcined bone.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
XCM-024	AA-09255 Qikertarrlag	Beta-18871	190±80	AD 1495–1954	wood	F-11, TP-1, 5–15 cm. Stone sculpture, whale bone. See Pratt and Shaw 1992.
		Beta-18872	210±70	AD 1494–1952	wood	F-11, TP-1, 5–15 cm. Stone sculpture, whale bone.
		Beta-18873	980±70	---	whale bone	F-11, TP-1, 20 cm. Stone sculpture.
XCM-026	AA-09244 Cikuyuilngurmiut	Beta-29402	980±160	AD 690–1375	charcoal	Cut-bank near F-13, 40 cm. Pottery (gravel temper).
		Beta-29403	640±60	AD 1275–1420	charcoal	F-14, Room A, TP-1, 5–13 cm, burned timber.
		Beta-18585	1150±90	AD 670–1030	charcoal	F-17, TP-4, 10–16 cm, hearth.
XCM-027	AA-09247 Cingigmiut	Beta-56536	130±50	AD 1655–1955	wood	F-22, 9 cm, structural (?) wood fragments.
		Beta-47125	100.2±0.7 pMC	modern	wood	F-22, 24 cm, structural (?) wood fragments.
XCM-029	AA-09250A Nuuteqermiut	Beta-29404	100.3±0.8 pMC	modern	charcoal	Cutbank section at F-18, L-C, 32–35 cm.
		Beta-18586	200±90	AD 1480–1955	charcoal	Cutbank section at F-18, L-E, 50–75 cm. Extended counting. Check-stamped pottery, flake.
		Beta-231806	2300±40	---	carbon residue	Scrap from check-stamped sherd from cutbank section 5 m south of F-5. AMS. Measured age 2230±40 BP, δ ¹³ C –20.6 ‰. Bifacially flaked side-blade and other check-stamped sherds nearby.
XCM-033	AA-09253 Nuqariillermiut	Beta-56537	260±70	AD 1465–1950	charcoal	F-8, TP-1, 6–10 cm. Pottery (gravel and fiber temper), groundstone ulu and endblade fragments.
		Beta-47126	740±60	AD 1190–1390	wood	F-8, TP-1, L-4, 30 cm to bottom. Groundstone point tip, pottery (gravel and sand temper), whetstone.
XCM-036	AA-09255 Qikertarrlag	Beta-47127	70±50	AD 1670–1955	wood	F-5, TP-2, 28 cm.
		Beta-52513	110±60	AD 1655–1955	charred wood	F-5, TP-2, 0–30 cm. Hammerstone, whetstone fragments, groundstone fragments, pottery (gravel and fiber temper).
XCM-049	AA-09266A Itegmiut	Beta-47128	80±50	AD 1670–1955	charcoal	Bank exposure near F-7, 10–15 cm.
XCM-065	AA-09273 Can'gilngurmiut	Beta-52514	630±90	AD 1225–1440	charcoal	Animal backdirt pile. Extended counting.
XCM-068	AA-09271 Qayigyarrat	Beta-47129	100±60	AD 1660–1955	charcoal	Exposed section, 35 cm. Grooved pottery (gravel temper) in slump below.
XCM-069	AA-09272 Amyag	Beta-18590	290±140	AD 1335–1955	charcoal	Cutbank exposure, 80 cm. Extended counting.
XCM-070	AA-09264A Narulkirnarmiut	Beta-18588	780±80	AD 1040–1390	charcoal	F-81, Shovel Probe 2, 39–50 cm. Extended counting.
XCM-080	AA-09283 Asweryagmiut	Beta-18593	480±70	AD 1310–1620	charcoal	F-23, Shovel Probe 5, 13–70 cm. Pumice abrader.
XCM-084	AA-09285B Carwarmiut	Beta-218276	2400±50	---	carbon residue	Scrap from check-stamped rim sherd on surface near F-143. AMS. Measured age 2330±50 BP, δ ¹³ C –20.8 ‰.
XCM-086	AA-09288A Qayigyalegmiut	Beta-18595	1470±70	AD 430–680	charcoal	Cutbank profile, 104–126 cm. Flake in situ. Check-stamped pottery, whetstone, net sinkers, obsidian sideblade, pecked stone lamp, unifacial scraper, groundstone blade fragment in slump below.
		Beta-18594	1690±70	AD 145–540	wood, bark	Base of cutbank, 185 cm. Flake.
XHB-022	AA-09618 Qangllumiut	WSU-2959	100.5±1.1 pMC	modern	charcoal	Cutbank section at F-2, 5–21 cm. Also reported as modern±80. Yukon-lined or grooved pottery (gravel and fiber temper), <i>Rangifer</i> .
XHB-051	AA-10243 Qullicuar	Beta-39093	modern	modern	charcoal	Shovel probe in clearing, 25–27 cm.
XHB-056	AA-09396 Unatkurmiut	Beta-14929	modern	modern	charcoal	Area F, 7 cm, under volcanic rock.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
XHB-067	AA-10021 Kanganluk	Beta-233976	170±40	AD 1650–1950	charred material	Test, 38 cm. AMS. $\delta^{13}\text{C}$ –25.1 ‰. Pottery (small gravel, fiber temper) in section above.
XHC-068	AA-11573 Pengurpak	Beta-217830	170±40	AD 1650–1950	charred material	F-1, TP-2, 5–7 cm over shattered bedrock. AMS. Measured age 180±40 BP, $\delta^{13}\text{C}$ –25.6 ‰. Mammal bone.
		Beta-217831	190±40	AD 1650–1950	charred material	F-13, TP-1, 15–20 cm. AMS. Measured age 180±40 BP, $\delta^{13}\text{C}$ –24.3 ‰.
XHI-003	AA-10363 Qengallecur	Beta-208257	200±70	AD 1520–1950	charred material	F-12. Measured age 190±70 BP, $\delta^{13}\text{C}$ –23.9 ‰.
		Beta-208258	280±40	AD 1500–1670	wood	F-12. Measured age 260±40 BP, $\delta^{13}\text{C}$ –24.1 ‰.
		Beta-208259	50±60	AD 1680–1950	charred material	F-30. Measured age 30±60 BP, $\delta^{13}\text{C}$ –23.5 ‰.
XHI-039	AA-09480 Arliarmiut	Beta-134343	490±40	AD 1405–1455	charred material	Lens in wall of F-19, 75 cm. AMS. $\delta^{13}\text{C}$ –25.1 ‰. Flake scraper, groundstone knife, pottery (sand temper).
XHI-040	AA-09481 Kugyuarmiut	Beta-18576	360±60	AD 1430–1655	charred wood	F-5, 40 cm.
XHI-066	AA-09485 Kugyuarmiut	Beta-18574	270±50	AD 1485–1945	charcoal	Bluff exposure between F-23 and F-28, 35 cm. Bifaces, chipped projectile points, sideblade, pottery in slump nearby.
XHI-073	AA-10376C Kangirnaarmiut	Beta-127618	320±70	AD 1435–1950	charred material	Cutbank west of cultural mound (F-1, F-2). Extended counting.
XLC-065	AA-09511 Whitefish Lake	Beta-207410	1000±70	AD 900–1190	charred material	TP-1, 8–20 cm. Measured age 1040±70 BP, $\delta^{13}\text{C}$ –27.4 ‰. Cut Alces, <i>Rangifer</i> .
		Beta-219595	0±40	AD 1950–1960	antler (<i>Rangifer</i>)	TP-1, 8–20 cm. AMS. Measured age 100.8±0.5 pMC, $\delta^{13}\text{C}$ –20.7 ‰. Cut Alces.
XNI-002	AA-09298 Iqugmiut	Beta-52515	200±60	AD 1525–1950	charred wood	F-8, 9–12 cm, floor. Pottery (gravel and fiber temper).
		Beta-47131	90±50	AD 1670–1955	wood	F-8, 9 cm, upright post remnant. Pottery (gravel and fiber temper).
XNI-003	AA-09303B Ellikarmiut	Beta-225445	870±40	—	soot	Scrap from ceramic sherd (zig-zag type; sand, gravel and fiber temper), cutbank near F-82, 8 cm. AMS. Measured age 830±40 BP, $\delta^{13}\text{C}$ –22.5 ‰.
XNI-007	AA-09310 Negermiut	Beta-18597	520±70	AD 1300–1485	charcoal	Cutbank exposure near F-55, 13–48 cm. Raised or exterior-ridged pottery (sand temper), other pottery (gravel temper).
		Beta-219594	1740±40	—	soot	Scrap from check-stamped ceramic sherd, F-23, surface dune exposure. AMS. Measured age 1720±40 BP, $\delta^{13}\text{C}$ –24.0 ‰.
XNI-052	AA-09734C Qengaramiut	Beta-14943	210±70	AD 1495–1950	charcoal	Cutbank exposure at Structure 1. Yukon line-dot or grooved pottery, boat hook.
XNI-053	AA-09738 Cevnermiut	Beta-14942	320±60	AD 1440–1795	charcoal	Base on west side of occupation mound. Pottery (gravel and fiber temper).
XNI-059	AA-11346A Englulrarmiut	Beta-47137	900±50	AD 1020–1260	wood	Cutbank exposure, 60 cm. Bone fish-hook shank.
XNI-088	AA-09292D Tacirarmiut	Beta-47130	1740±100	AD 70–540	charcoal	F-12, 10–32 cm. Flakes, pottery (gravel and fiber temper).
XNI-101	AA-09299 Miqsarmiut	Beta-47132	290±60	AD 1450–1950	wood	F-10, wood fragments (mask?) from rock crevice.
		Beta-47133	170±60	AD 1530–1955	wood	Grave 22, wood fragments (mask?) from rock crevice.
		Beta-18596	1190±70	AD 670–1000	charcoal	Slump exposure below F-1.
		Beta-29406	540±120	AD 1260–1640	burned wood	Slump exposure below F-2, 120 cm (not in situ).
		Beta-225446	780±40	—	soot	Scrap from undecorated sherd (gravel and fiber temper), shoreline exposure near F-1/F-2. AMS. Measured age 730±40 BP, $\delta^{13}\text{C}$ –21.8 ‰.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
XNI-119	AA-09312A Kangiremiut	Beta-18598	280±50	AD 1480–1950	charcoal	F-30, Shovel Probe 1, 7–21 cm. Pottery (gravel and fiber temper).
		Beta-47134	50±50	AD 1670–1955	charcoal	F-24, Room E, 8–40 cm. Glass bead, groundstone fragments (points?), pottery (gravel and fiber temper), <i>Rangifer</i> , <i>Mytilus</i> .
XNI-123	AA-11336 Taqikar	Beta-47136	120±60	AD 1655–1955	wood	F-10, 45 cm, exposed structural post.
		Beta-47605	300±70	AD 1440–1950	wood	F-16, 40–45 cm.

CHUGACH ALASKA CORPORATION (CAC)

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
ANC-247	AA-41487A Cannery Creek	Beta-56544	840±90	AD 1020–1375	charcoal	TP-1, 15–25 cm.
		Beta-56545	860±70	AD 1020–1285	charcoal	TP-1, 25–35 cm.
		Beta-56546	830±70	AD 1030–1295	charcoal	TP-1, 40–47 cm.
ANC-589	AA-41489 College Fiord Travel Camp	Beta-18573	460±70	AD 1325–1630	charcoal	F-1, TP-6, 23–30 cm.
ANC-591	AA-12549 Elutuli Seal Hunting Camp	Beta-194448	420±80	AD 1400–1650	charcoal	TP-4, 27 cm. Extended counting. $\delta^{13}\text{C}$ –24.7 ‰.
ANC-776	AA-41487B Unakwik Inlet	Beta-56547	400±90	AD 1330–1660	charcoal	TP-1, 7–27 cm. No definite cultural association.
ANC-851	College Fjord	Beta-82398	800±60	AD 1065–1295	charred material	Section, 20–30 cm. Bulk sample.
COR-008	AA-10741 Eyak Lake outlet	Beta-147149	120±100	AD 1525–1955	charred material	Post Hole 9, 14–39 cm. Extended counting. Calcined bone.
COR-035	AA-11025 Qucuyvli	Beta-194445	2270±60	BC 410–190	charred material	Rock shelter, 175 cm below floor, midden. Extended counting. $\delta^{13}\text{C}$ –24.9 ‰. Flakes, shell (<i>Clinocardium</i> , <i>Mactromeris</i> , <i>Mytilus</i>). Part of shell-carbon pair.
		Beta-194446	2950±40	—	shell (<i>Clinocardium</i>)	Rock shelter, 175 cm below floor, midden. Measured age 2560±40 BP, $\delta^{13}\text{C}$ –1.8 ‰. Part of shell-carbon pair.
COR-038	AA-11021 Tauxtrik	Beta-23369	670±120	AD 1070–1445	charcoal	F-1, TP-4, 58 cm. Extended counting.
		Beta-23370	610±70	AD 1280–1440	charcoal	TP-2, 45 cm, midden. Extended counting. Slate flake. Glass bead in situ above.
COR-063	AA-10775 Qayarlliit	Beta-67134	220±70	AD 1490–1950	charcoal	Pothole, 20–30 cm.
COR-064	AA-10730 Macanqeqliq	Beta-67131	360±100	AD 1400–1950	charcoal	Stream cutbank, 87–92 cm. Extended counting.
COR-080	AA-11049 Nunalleq	WSU-2239	460±90	AD 1300–1640	charcoal	House feature, TP-4, L-IV, 25–40 cm. Provenience suspect. Glass bead in situ above.
COR-081	AA-10767 Nuucingnasaq	WSU-?	350±100	AD 1405–1950	--	TP-4, Section B, 15–20 cm, midden. Probably confused with WSU-2240.
		Beta-207411	30±30	AD 1890–1950	charred material	TP-4, Section B, 15–20 cm, midden. AMS. Measured age 10±30 BP, $\delta^{13}\text{C}$ –24.0 ‰. Part of shell-carbon pair.
		Beta-207412	1070±70	—	shell (<i>Saxidomus</i>)	TP-4, Section B, 10–20 cm, midden. Measured age 680±70 BP, $\delta^{13}\text{C}$ –0.9 ‰. Part of shell-carbon pair.
		WSU-2240	385±100	AD 1330–1950	charcoal	TP-4, Section B, 30–40 cm, midden.
COR-094	AA-10763 Qilangalik	Beta-127620	330±60	AD 1440–1665	wood	TP-2 (Grid 2), 25–35 cm. Polished adz/axe, whetstone, groundstone fragments, flakes.
COR-277	AA-11063 Strawberry Harbor	Beta-172779	590±50	AD 1290–1430	wood	Outer 4–14 rings of 30 cm diameter rooted stump, stream mouth, upper tide zone, 2 m below lowest living spruce in vicinity. Presumably dates marine transgression associated with local subsidence. Measured age 620±50 BP, $\delta^{13}\text{C}$ –27.1 ‰.
COR-290	AA-10786 Double Bay	Beta-82396	300±60	AD 1455–1950	charred material	TP-3, 21–29 cm.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
COR-295	AA-10785 Double Bay	Beta-172777	1740±40	AD 220–400	organic sediment	TP-2, 27–60 cm. Measured age 1760±40 BP, δ ¹³ C –26.5 ‰.
		Beta-82397	200±60	AD 1535–1950	bark (<i>Picea</i>)	Bark from rooted stump in intertidal zone, 0.63 m below modern extreme high tide. Presumably dates marine transgression associated with local subsidence.
		Beta-169779	520±40	AD 1320–1440	wood (<i>Picea</i>)	Outer 6–10 growth rings from same rooted stump. Measured age 510±40 BP, δ ¹³ C –24.7 ‰. Dates marine transgression associated with paleoearthquake or local subsidence.
COR-296	AA-11057 Shelter Bay	Beta-172778	100.62±0.46 pMC	modern	peat	TP-1, 14–16 cm, 1964 intertidal zone. Measured age 100.2±0.46 pMC, δ ¹³ C –27.3 ‰.
--	Head of Shelter Bay	Beta-204836	700±40	AD 1260–1390	wood	Outer 5–6 rings of 30 cm diameter rooted stump, stream at SE bayhead, approx modern mean high tide. Presumably dates marine transgression associated with local subsidence. Measured age 750±40 BP, δ ¹³ C –27.9 ‰.
COR-306	AA-10992 Olsen Bay	Beta-67137	290±80	AD 1440–1950	charcoal	Midden test, 10–15 cm, below mean high tide line.
COR-319	AA-11135A Emilnguq	Beta-23380	350±60	AD 1435–1660	charcoal	F-3, TP-2, 10–26 cm. Groundstone fragments.
COR-326	AA-10808 Sunny Cove	Beta-23379	170±80	AD 1520–1955	charcoal, organic material	TP-3, 22–25 cm.
COR-401	AA-11056 Shelter Bay	Beta-196761	110+/-50	AD 1660–1960	wood (<i>Tsuga</i>)	Outer 3–7 rings of rooted stump, west edge of lagoon, approx modern extreme high tide line. Presumably dates marine transgression associated with local subsidence. Measured age 100±50 BP, δ ¹³ C –24.4 ‰.
COR-407	AA-10779B Nagaa'ulek	Beta-67135	230±70	AD 1485–1950	charcoal	TP-2, 7 cm. Possible contamination from rootlets, spruce needles. Extended counting.
		Beta-67136	60±60	AD 1670–1955	wood, charcoal	TP-3, 20 cm.
SEL-228	AA-11117 Taroka Arm	Beta-29412	970±140	AD 735–1295	charcoal	Section, TP-3, Stratum 3, 23–30 cm.
SEW-006	AA-11075 Long Bay	Beta-67139	490±80	AD 1330–1630	wood, charcoal	Inside dripline of rock shelter, TP-3, 3–16 cm.
		Beta-67140	1300±130	AD 475–1015	charcoal	Rock shelter, TP-4, 14–20 cm. Extended counting.
SEW-051	AA-12582B Nanwarnalek	Beta-56543	520±70	AD 1300–1485	charcoal	Test, 62–88 cm.
SEW-060	AA-10964A Culross Island	Beta-204461	1410±40	AD 580–680	charred material	Section, Locus 2, ca. 20–30 cm. AMS. Measured age 1420±40 BP, δ ¹³ C –25.5 ‰.
SEW-066	AA-11032 Ajeygulik	Beta-23374	200±60	AD 1525–1955	charcoal	TP-3, 20–22 cm.
SEW-076	AA-11037 Aniaxunit	Beta-23375	300±80	AD 1440–1950	charcoal	TP-8, 50–60 cm, midden. Hammerstone, ground and chipped stone (striking flint?).
		Beta-29410	790±140	AD 985–1420	charcoal	TP-8, 70–75 cm.
SEW-080	AA-10720 Stockdale Harbor	Beta-23378	310±50	AD 1450–1790	charcoal	TP-11, 35–40 cm (25–40?).
SEW-081	AA-10720	Beta-23372	190±70	AD 1520–1955	charcoal	TP-10, 5–25 cm, midden. Glass beads.
SEW-082	AA-10720	Beta-23371	340±80	AD 1425–1950	charcoal	TP-7, 40–50 cm. Extended counting. Unilateral barbed bone point.
		Beta-23373	550±80	AD 1285–1480	charcoal	TP-8, L-3, 60–68 cm. Barbed (tanged) groundstone point.
SEW-266	Head of Pigot Bay	Beta-168726	1050±60	AD 880–1140	charcoal	Root crown of upturned tree, ca. 50–70 cm. May date forest fire.
SEW-332	AA-12572 Waterfalls Smokehouse	Beta-29411	280±170	AD 1315–1955	charcoal	F-1, TP-1, Stratum 2, 10–42 cm.
SEW-355	AA-10984E	Beta-23368	550±80	AD 1285–1480	charcoal	TP-3, 20–30 cm.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
SEW-356	AA-10984C Iwilurtuli	Beta-23367	300±60	AD 1450–1950	charcoal	TP-3, 0–5 cm, hearth exposed by tree throw. Extended counting.
SEW-391	AA-12558 Port Audrey	Beta-82399	1370±50	AD 615–770	charcoal	Cutbank section, 20–27 cm.
		Beta-147153	1200±60	AD 680–980	charred material	TP-2, 27–32 cm.
SEW-538	AA-11048B Agulik Island	Beta-56539	610±80	AD 1270–1440	charcoal	TP-1, 11–19 cm, intertidal zone.
		Beta-56540	760±100	AD 1035–1405	charcoal	TP-1, 22–30 cm, intertidal zone. Extended counting?
		Beta-56541	990±90	AD 890–1240	charcoal	TP-2, 52–67 cm, 2 m above mean high tide line. Groundstone tool blank (?).
		Beta-56542	230±80	AD 1475–1950	charcoal	TP-2, 80–85 cm, 2 m above mean high tide line. Stratigraphically below Beta-56541. Groundstone fragments.
SEW-548	AA-16678 Seal Hunting Complex	Beta-23376	440±80	AD 1325–1640	charcoal	TP-1, 15–46 cm.
SEW-550	AA-11031 Seal Hunting Complex	Beta-23377	220±80	AD 1480–1950	charcoal	TP-13, 10–25 cm. Extended counting.
SEW-553	AA-11044B Unakwik Inlet	Beta-207413	340±40	AD 1450–1650	charred material	TP-2, L-3, 17–20 cm. AMS. Measured age 350±40 BP, δ ¹³ C –25.8 ‰. Part of shell-carbon pair.
		Beta-207414	880±60	--	shell (<i>Clinocardium</i>)	TP-2, L-3, 15–20 cm. Measured age 500±60 BP, δ ¹³ C –2.2 ‰. Part of shell-carbon pair.
		Beta-23381	530±80	AD 1290–1490	charcoal	TP-2, L-4, 20–50 cm, midden.
		Beta-23366	1090±70	AD 780–1150	charcoal	F-4, TP-1, L-4, 28–29 cm. Hammerstone.
SEW-977	AA-11033B Nunacungaq	Beta-56538	790±60	AD 1070–1300	charcoal	TP-2, 50–52 cm. No definite cultural association.
SEW-980	AA-11009B Culross Passage	Beta-76982	900±70	AD 1005–1275	charcoal	Midden exposure, 90–100 cm.
SEW-991	AA-10757B Nuu'aruat	Beta-67132	310±80	AD 1435–1950	charcoal	Test, 26–30 cm, summit of small islet.
SEW-992	AA-10757C	Beta-67133	1130±80	AD 690–1030	charcoal	Test, 30 cm, small islet.
SEW-994	AA-11008E Mink Bay	Beta-67138	170±80	AD 1520–1955	charcoal	Stream cutbank, TP-2, 5–15 cm. Extended counting. Possibly associated with historic ceramic sherds.
SEW-1246	AA-10985 Long Bay	Beta-168725	440±50	AD 1410–1620	charred material	Cutbank, TP-1, 6–9 cm. Measured age 450±50 BP, δ ¹³ C –25.5 ‰.
VAL-253	AA-41502 Sawmill Bay Complex	Beta-23365	300±50	AD 1465–1795	charred material	TP-4, 0–15 cm, hearth within intertidal zone.
		Beta-127627	380±60	AD 1425–1650	charred material	TP-5, 25–35 cm.
XBS-020	AA-10998 Northwestern Lagoon	Beta-23383	140±60	AD 1650–1955	charcoal	F-30, TP-7, 50 cm. Groundstone chisel in situ below.
		Beta-23382	320±50	AD 1450–1660	charcoal	F-30, TP-7, 100 cm, midden.

COOK INLET REGION, INC. (CIRI)

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
KEN-065	AA-11814 Kasilof Landing	Beta-23385	1860±50	AD 30–320	charcoal	F-66, TP-2, Stratum 4, 25–30 cm. 2 cobble line sinkers, flakes.
		Beta-23384	3220±250	BC 2140–835	charcoal	F-69, TP-1, Stratum 5, L-C, 25–30 cm. Flakes. Unifacial thumbnail scraper in situ above (L-B).
KEN-159	AA-11819 Bedlam Creek	Beta-159929	1820±60	AD 70–370	charcoal	F-1, TP-5, 45–47 cm. Notched pebble line sinker.
KEN-298	AA-11096G Russian River	Beta-26589	660±100	AD 1190–1440	charcoal	Area 4b, F-164, L-4, 30–32 cm, north half. Splitting adz or wedge fragment.
		Beta-26590	800±70	AD 1040–1375	charcoal	Area 4b, F-164, L-6, 56–62 cm.
		Beta-26591	550±60	AD 1300–1445	charcoal	Area 4b, F-195, 57–58 cm.

DOYON, LTD.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
ARC-012	F-22584A Old John Lake	Beta-179066	90±40	AD 1680–1950	calcined bone (<i>Rangifer?</i>)	Surface lithic scatter, CPSU site 27. AMS. Measured age 100.2±0.5 pMC, δ ¹³ C –18.2 ‰. Flakes, fish bone, rodent bone.
		Beta-33335	4730±100	BC 3705–3140	charcoal	F-5, TP-1, L-3, 20–30 cm. Extended counting. Microblades, uniface fragment, flakes, <i>Rangifer</i> .
		Beta-33336	4380±190	BC 3630–2490	charcoal	F-5, TP-1, L-4, 30–40 cm. Microblades, flakes.
		Beta-33337	5260±150	BC 4430–3710	charcoal	F-5, TP-1, L-4a, 30–36 cm. Extended counting. Microblades, flakes, <i>Rangifer</i> .
RUS-008	AA-12374 Ingrimuit	Beta-214806	2170±40	BC 370–100	charred material	F-1, TP-1, 38–42 cm. AMS. Measured age 2190±40 BP, δ ¹³ C –26.1 ‰. Flakes.
		Beta-18572	3530±390	BC 2905–900	charcoal	F-1, TP-1, 50–60 cm. Extended counting. Flakes and pottery fragments in test. Chipped sideblade and polished adz bit on beach below.
RUS-054	AA-12370 Old Paimiut	Beta-18570	290±60	AD 1450–1950	organic sediment	Locus B, cutbank section near F-22, L-G, 60–80 cm. Whetstone in situ below (L-H).
		Beta-18571	350±50	AD 1440–1650	charcoal, charred wood	F-85, TP-1, L-H, 35–45 cm. Ulu fragment, bone dart tip.
RUS-056	AA-12341 Nasquani	Beta-234316	140±40	AD 1660–1950	bark (<i>Betula</i>)	Pit 2, 37–38 cm, upper house floor. AMS. Measured age 200±40 BP, δ ¹³ C –28.4 ‰. Chert flakes, fire-cracked rock.
		Beta-233977	400±40	AD 1430–1630	charred material	Pit 2, 48–50 cm, lower house fill. AMS. Measured age 380±40 BP, δ ¹³ C –23.9 ‰. Biface thinning flake.
NAB-399	DML-3 Deadman Lake	Beta-219158	4000±40	BC 2590–2450	charred material	TP-2, unit 75N/50W, 51 cm, sample 4. AMS. Measured age 3990±40 BP, δ ¹³ C –24.4 ‰.
		Beta-214047	2700±40	BC 920–800	organics in calcined bone	T4A, 31 cm, sample 5, below White River Ash. AMS. Measured age 2610±40 BP, δ ¹³ C –19.3 ‰.
NAB-400	DML-6 Deadman Lake	Beta-214808	5140±50	BC 4040–3800	bone carbonate	Unit 9N/16E, sample 10, below White River Ash. AMS. Measured age 5100±50 BP, δ ¹³ C –22.5 ‰.
NAB-401	DML-9 Deadman Lake	Beta-214048	1840±40	AD 80–250	organics in calcined bone	TP-2, sample 14, below White River Ash. AMS. Measured age 1850±40 BP, δ ¹³ C –25.7 ‰.
TNX-047		Beta-214049	2320±40	BC 410–360	organics in calcined bone	Sample 1A, from below White River Ash. AMS. δ ¹³ C –25.0 ‰.
UKT-045	AA-12327	Beta-217832	1080±40	AD 890–1020	charred material	Cutbank section below clearing, ca. 50–60 cm. AMS. Measured age 1090±40 BP, δ ¹³ C –25.7 ‰. Flakes on river bank nearby.
		Beta-219156	1210±40	AD 700–900	charred material	Test in clearing, 27–29 cm, buried surface. AMS. Measured age 1240±40 BP, δ ¹³ C –27.0 ‰.
XHC-153	AA-12360	Beta-232998	940±40	—	soot	Charred material scraped from large ceramic vessel fragment (small gravel, sand, plant fiber temper) with complex line-dot design along rim. AMS. Measured age 970±40 BP, δ ¹³ C –26.6 ‰.
		Beta-233210	200±40	AD 1530–1950	charred material	Measured age 230±40 BP, δ ¹³ C –26.6 ‰.

KONIAG, INC.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
KAR-016	Sturgeon Lagoon	Beta-110108	930±70	AD 990–1260	charred material	Section, TP-4, 35–37 cm. Kachemak lag artifacts on beach below.
KAR-115	Sturgeon Lagoon	Beta-110096	2780±80	BC 1130–800	charred material	F-1, TP-2, 53–55 cm, floor. Extended counting.
KOD-151	AA-10555 Uyak Bay	Beta-208644	130±50	AD 1660–1950	charred material	Midden section, ca. 30 cm. Measured age 140±50 BP, δ ¹³ C –25.2 ‰. Ground ulu fragment.
		Beta-208645	180±70	AD 1530–1950	charred material	Midden section, ca. 55 cm. Extended counting. Measured age 190±70 BP, δ ¹³ C –25.9 ‰. Part of shell-carbon pair.
		Beta-208646	1000±70	---	shell (<i>Serripes</i>)	Midden section, ca. 55 cm. Measured age 630±70 BP, δ ¹³ C –2.1 ‰. Part of shell-carbon pair.
		Beta-208647	370±90	AD 1410–1800	charred material	Base of midden section, ca. 85 cm. Extended counting. Measured age 390±90 BP, δ ¹³ C –26.2 ‰. Part of shell-carbon pair.
		Beta-209776	1020±70	---	shell (<i>Serripes</i>)	Base of midden section, ca. 85 cm. Extended counting. Measured age 660±60 BP, δ ¹³ C –3.6 ‰. Part of shell-carbon pair.
KOD-155	AA-10575 Uyak Bay	Beta-209777	1120±40	AD 810–1000	charred material	Midden Section 1, 10–35 cm. AMS. Measured age 1140±40 BP, δ ¹³ C –26.1 ‰. Part of shell-carbon pair.
		Beta-209778	2800±60	---	shell (<i>Saxidomus</i>)	Midden Section 1, 10–35 cm. Measured age 2410±60 BP, δ ¹³ C –1.3 ‰. Part of shell-carbon pair.
		Beta-208648	2470±70	---	shell (<i>Saxidomus</i>)	Midden Section 2, 15–30 cm. Measured age 2080±60 BP, δ ¹³ C –1.0 ‰.
KOD-607	Three Saints Bay	Beta-108012	620±60	AD 1280–1425	charcoal	F-1, 40–46 cm, hearth. Pumice abrader, calcined bone. See O'Leary 1998.
		Beta-110097	590±50	AD 1295–1430	charred material	F-1, 18–20, floor. Flaked slate, calcined bone.
		Beta-108013	680±60	AD 1250–1410	charcoal	F-3, 24–28 cm, floor. Flaked slate, hammerstone.
		Beta-108014	570±70	AD 1290–1450	charcoal	F-7, 30–31 cm, hearth edge. Ground slate, flaked slate, calcined bone.
		Beta-108015	760±50	AD 1205–1300	charcoal	F-7, 45 cm, hearth.
SUT-047	AA-11774G Sutwik Island	Beta-70828	1920±170	BC 70–AD 320	charcoal	Base of eroding midden, 100 cm. Extended counting.
UGA-031	AA-11774A Kanataq	Beta-47138	590±80	AD 1280–1445	charcoal	TP-B, 80–90 cm. Adz bit, ground ulu fragment.
UGA-061	AA-11777B Mother Goose Lake	Beta-29394	270±90	AD 1440–1950	charcoal	F-1, TP-13B, 10–50 cm. Hollow-ground projectile tip with medial ridge.
UGA-070	AA-11775F Fish Village	Beta-39096	1860±60	AD 25–325	charcoal	F-27, TP-12, L-I, 16–30 cm. Flakes.
		Beta-39097	2400±90	BC 795–210	charcoal	F-27, TP-12, L-II, below 37 cm. Extended counting. Biface fragment, pumice abrader, flakes.
		Beta-39098	310±80	AD 1435–1950	charcoal	F-55, TP-13, below 9–12 cm. Extended counting. Flakes.
UGA-082	AA-11776G Ugashik Lake	Beta-33319	520±60	AD 1300–1470	charcoal	F-16, TP-23, 14–16 cm. Chert projectile base, groundstone fragment, uniface fragment, flakes.
UGA-085	AA-11775B Becharof Lake	Beta-39094	570±70	AD 1285–1445	charcoal	F-8, TP-4, 22–25 cm. Ground projectile or ulu fragment, flakes.
UGA-086	AA-11775C Becharof Lake	Beta-39100	1770±70	AD 80–425	charcoal	F-2, TP-6, 34–36 cm.
UGA-087	AA-11775D Fish Village	Beta-127624	1830±100	BC 40–AD 420	charred material	Surface depression, TP-9, 32–36 cm. Extended counting. Calcined bone.
UGA-090	AA-11775J Becharof Lake	Beta-39099	880±100	AD 980–1295	charcoal	F-16, TP-18, 38 cm. Extended counting. Groundstone, flakes.

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
		Beta-39100	640±50	AD 1280–1410	charcoal	F-20, TP-19, 22–26 cm.
UGA-093	AA-11775M Becharof Lake	Beta-39101	570±50	AD 1300–1440	charcoal	F-16, TP-21, 15–20 cm. Pottery.
		Beta-39102	630±60	AD 1280–1425	charcoal	F-20, TP-22, 32–42 cm. Flakes, pottery.
UGA-094	AA-11775N Becharof Lake	Beta-39103	620±50	AD 1285–1420	charcoal	TP-25, cutbank section, 18–27 cm.

NANA REGIONAL CORPORATION

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
AMR-158	F-22292B Ingisugruich	Beta-23387	450±80	AD 1320–1640	wood (log)	Interior of rock shelter.
KTZ-158	Baldwin Peninsula	Beta-41833	100±70	AD 1655–1955	charcoal	House depression, 33 cm, tunnel floor. Toggle harpoon head, worked bone and wood, forged iron.
NOA-287	Noatak River	Beta-41831	1130±80	AD 690–1030	charcoal	Chipped endblades and sideblades, flakes.
		Beta-41832	1620±70	AD 255–600	charcoal	?
SLK-044	F-22353C Singak	Beta-208261	60±50	AD 1680–1950	wood	TP-3, 75 cm. Extended counting. Measured age 40±50 BP, $\delta^{13}\text{C}$ –23.8 ‰.
SLK-049	F-22267 Sisiivik	Beta-23386	610±100	AD 1225–1455	charcoal	F-17, TP-1, 20–30 cm. Flakes, pottery (sand and fiber temper).
SLK-111	Sayou	Beta-194856	600±40	AD 1290–1420	charred material (peat)	F-45, 20–23 cm. AMS. Measured age 630±40 BP, $\delta^{13}\text{C}$ –27.1 ‰.
		Beta-194449	880±40	AD 1030–1250	organic sediment	F-45, 20–23 cm. Silt fraction from bulk sediment sample. AMS. Measured age 910±40 BP, $\delta^{13}\text{C}$ –26.7 ‰.

SEALASKA CORPORATION

AHRS Number	BLM Number/Locality	Lab Number	Conventional Age RCYBP	Calibrated Age (2 sigma)	Material	Context
SIT-002	Castle Hill	Beta-125914	640±50	AD 1280–1415	charred material	Upper shell midden. Extended counting. Measured age 660±50 BP, $\delta^{13}\text{C}$ –26.7 ‰.
		Beta-125913	460±60	AD 1400–1630	charred material	Shell midden, 80 cm. Extended counting. Measured age 500±60 BP, $\delta^{13}\text{C}$ –27.5 ‰.
		Beta-125912	1070±60	AD 875–1040	charred material	Shell midden base. Extended counting. Measured age 1100±60 BP, $\delta^{13}\text{C}$ –26.8 ‰.
SIT-175	AA-10513 Point Craven Village	Beta-52516	790±70	AD 1040–1380	charcoal	Midden test, 20–40 cm. Shell.
SKG-004	AA-10508A Chilkoot River Village	Beta-127619	60±70	AD 1665–1950	charred material	Midden test, 43 cm.
XPA-032	AA-10494 Port Malmesbury Cave	Beta-168727	210±40	AD 1640–1950	charred material	Cave 1, TP-1, 30 cm. AMS. Measured age 230±40 BP, $\delta^{13}\text{C}$ –26.4 ‰.
XPA-078	Redfish Bay	Beta-127632	4220±50	BC 2910–2645	root (<i>Tsuga</i>)	Twined basket fragment, intertidal zone. AMS. Measured age 4230±40 BP, $\delta^{13}\text{C}$ –25.9 ‰.

