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## **APPENDIX**

### **Radiocarbon Data from the Mitchell Ridge Site**

Appendix: Radiocarbon data from the Mitchell Ridge Site listed in chronological order (except for geologic shell hash dates at end of table).

Sample* number	Provenience & material **	Raw 14C Age	C13- corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma. All calibrations use Stuiver and Reimer 1993.
<u>Beta-58748</u>	1970s Burial 10 HB	NA	1920+/-70	1 sigma BP 1932 (1866) 1753 AD 18 (84) 197
				2 sigma BP 1995 (1866) 1753 BC 45 (AD 84) AD 310
<u>Beta-58749</u>	1970s Burial 12 HB	NA	1200+/-70	1 sigma BP 1223 (1078) 994 AD 727 (872) 956
				2 sigma BP 1280 (1078) 952 AD 670 (872) 998
<u>Beta-64565</u>	1970s Burial 4 HB	980+/-60	1110+/-60	1 sigma BP 1065 (983) 945 AD 885 (967) 945
				2 sigma BP 1165 (983) 924 AD 785 (967) 1005
<u>Beta-53666</u>	Feature 25 HB	NA	1040+/-90	1 sigma BP 1055 (939) 800 AD 895 (1011) 1150
				2 sigma BP 1161 (939) 735 AD 789 (1011) 1215
<u>Beta-58747</u>	1970s Burial 7 HB	870+/-90	990+/-60	1 sigma BP 946 (925) 794 AD 1004 (1025) 1156
				2 sigma BP 984 (925) 745 AD 966 (1025) 1205

\* Underlined samples were assayed with accelerator mass spectrometer.

\*\* HB = Human bone, C = Charcoal, O = Oyster shell

Appendix, continued.

Sample number	Provenience & material	Raw 14C Age	C13-corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma.
TX-2606	1970s "Feature 10" Shell	510+/-50	880+/-50	1 Sigma BP 899 (774) 724 AD 1051 (1176) 1226
TX-2605	1970s "Feature 10" C	780+/-150	----	2 Sigma BP 922 (774) 673 AD 1028 (1179) 1277
<u>Beta-53670</u>	Feature 52 HB	NA	730+/-60	1 Sigma BP 898 (675) 565 AD 1052 (1275) 1385
				2 Sigma BP 966 (675) 514 AD 984 (1275) 1436
<u>Beta-64564</u>	1970s Burial 3 HB	570+/-50	680+/-50	1 sigma BP 665 (652) 654 AD 1285 (1298) 1386
				2 sigma BP 733 (664) 557 AD 1217 (1286) 1393
Beta-55867	Feature 106 O	280+/-50	650+/-50	1 sigma BP 658 (645, 583, 577) 554 AD 1292 (1305, 1367, 1373) 1396
				2 sigma BP 670 (645, 583, 577) 542 AD 1280 (1305, 1367, 1373) 1408

Appendix, continued

Sample number	Provenience & material	Raw 14C Age	C13-corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma.
Beta-55863	Feature 109 C	650+/-90	610+/-90	1 sigma BP 657 (628, 610, 557) 529 AD 1293 (1322, 1340, 1393) 1421
Beta-58746	Feature 87 HB	440+/-70	610+/-70	2 sigma BP 690 (628, 610, 557) 501 AD 1260 (1322, 1340, 1393) 1449
Beta-64563	Feature 84 HB	430+/-110	600+/-110	1 sigma BP 653 (628, 610, 557) 539 AD 1297 (1322, 1340, 1393) 1411
				2 sigma BP 669 (628, 610, 557) 511 AD 1281 (1322, 1340, 1393) 1439
TX-2598	1970s "Feature 28" Shell	230+/-70	600+/-70 (estimated correction)	1 sigma BP 660 (622, 617, 555) 517 AD 1290 (1328, 1333, 1395) 1433
Beta-55862	Feature 105 C	650+/-170	590+/-170	2 sigma BP 721 (622, 617, 557) 1483 AD 1229 (1328, 1333, 1395) 1483
				1 Sigma BP 650 (622, 617, 555) 534 AD 1300 (1328, 1333, 1395) 1416
				2 Sigma BP 667 (622, 617, 555) 509
				1 sigma BP 671 (552) 496 AD 1279 (1398) 1454
				2 sigma BP 898 (552) 293 AD 1052 (1398) 1657

Appendix, continued.

Sample number	Provenience & material	Raw 14C Age	C13-corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma.
Beta-58673	Feature 4 C	610+/-80	570+/-80	1 sigma BP 645 (547) 517 AD 1305 (1403) 1433
Beta-58745	Feature 86 HB	NA	520+/-70	2 sigma BP 665 (547) 485 AD 1285 (1403) 1465
Beta-58866	Feature 114 O	140+/-50	510+/-50	1 sigma BP 552 (529) 506 AD 1398 (1421) 1444
Beta-58668	Feature 92-1 HB	NA	450+/-60	2 sigma BP 648 (529) 467 AD 1302 (1421) 1483
Beta-58744	Feature 83 HB	NA	420+/-60	1 sigma BP 545 (524) 509 AD 1405 (1426) 1441
Beta-58668	Feature 92-1 HB	NA	450+/-60	2 sigma BP 630 (524) 483 AD 1320 (1426) 1467
Beta-58744	Feature 83 HB	NA	420+/-60	1 sigma BP 525 (506) 472 AD 1425 (1444) 1478
Beta-58744	Feature 83 HB	NA	420+/-60	2 sigma BP 548 (506) 319 AD 1402 (1444) 1631
Beta-58744	Feature 83 HB	NA	420+/-60	1 sigma BP 515 (496) 334 AD 1435 (1454) 1616
Beta-58744	Feature 83 HB	NA	420+/-60	2 sigma BP 541 (496) 309 AD 1409 (1454) 1641

Appendix, continued.

Sample number	Provenience & material	Raw 14C Age	C13-corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma.
TX-2604	1970s Shell	50+/-70	420+/-500 (estimated correction)	1 sigma BP 512 (496) 339 AD 1438 (1454) 1611  2 sigma BP 531 (496) 315 AD 1419 (1454) 1635
Beta-53667	Feature 30 HB	NA	370+/-60	1 sigma BP 502 (462, 341, 339) 312 AD 1448 (1488, 1609, 1611) 1638
Beta-53672	Feature 9 C	380+/-70	360+/-70	2 sigma BP 518 (462, 341, 339) 293 AD 1432 (1488, 1609, 1611) 1657  1 sigma BP 502 (439, 350, 334) 306 AD 1448 (1511, 1600, 1616) 1644
Beta-64566	Feature 82	220+/-50	320+/-60	2 sigma BP 520 (439, 350, 334) 0 AD 1430 (1511, 1600, 1616) 1952  1 sigma BP 468 (420, 413, 315) 296 AD 1482 (1530, 1537, 1635) 1654
Beta-55870	Feature 61 HB	190+/-70	310+/-70	2 sigma BP 504 (420, 413, 315) 0 AD 1446 (1530, 1537, 1635) 1954  1 sigma BP 468 (312) 290 AD 1482 (1638) 1660  2 sigma BP 507 (312) 0 AD 1443 (1638) 1954

Appendix, continued.

Sample number	Provenience & material	Raw 14C Age	C13-corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma.
<u>Beta-55872</u>	Feature 63 HB	NA	220+/-70	1 sigma BP 306 (284) 0 AD 1644 (1666) 1954
				2 sigma BP 489 (284) 0 AD 1511 (1666) 1955
<u>Beta-53669</u>	Feature 92-2 HB	NA	200+/-60	1 sigma BP 296 (278, 169, 155, 4, 0) 0 AD 1654 (1672, 1781, 1795, 1946, 1953) 1954
				2 sigma BP 421 (278, 169, 155, 4, 0) 0 AD 1529 (1672, 1781, 1795, 1946, 1953) 1955
Beta-55865	Feature 64-4 C	150+/-80	130+/-80	1 sigma BP 281 (255, 225, 134, 28, 0) 0 AD 1669 (1695, 1725, 1816, 1922, 1954) 1955
				2 sigma BP 306 (255, 225, 134, 28, 0) 0 AD 1644 (1695, 1725, 1816, 1922, 1954) 1955
Beta-55873	Feature 64-1 HB	modern	130+/-50	1 sigma BP 272 (255, 225, 134, 28, 0) 0 AD 1678 (1695, 1725, 1816, 1922, 1954) 1955
				2 sigma BP 287 (255, 225, 134, 28, 0) 0 AD 1663 (1695, 1725, 1816, 1922, 1954) 1955
Beta-55871	Feature 62-2 HB	modern	60+/-80	1 sigma BP 261 (0) 0 AD 1689 (1955) 1955
				2 sigma BP 284 (0) 0 AD 1666 (1955) 1955

Appendix, continued.

Sample number	Provenience & material	Raw 14C Age	C13-corrected 14C age	Calibrated age range B.P. and calendar date, with intercepts in ( ) at 1 and 2 sigma.
Beta-53674	Dog burial (assay on dog bone)	modern	50+/-80	1 sigma BP 255 (0) 0 AD 1695 (1955) 1955
Beta-55864	Feature 65-A C	60+/-50	30+/-50	2 sigma BP 281 (0) 0 AD 1669 (1955) 1955
Beta-55874	Feature 63 post mold, wood	modern	modern	1 sigma BP 0 (0) 0 AD 1955 (1955) 1955
Beta-55868	Geologic shell hash West canal cut	4640+/-80	5050+/-60	2 sigma BP 256 (0) 0 AD 1694 (1955) 1955
Beta-55869	Geologic shell hash West canal cut	4260+/-80	4650+/-80	cannot be calibrated
				1 sigma BP 5900 (5854, 5829, 5753) 5727 BC 3950 (3905, 3880, 3804) 3777
				2 sigma BP 5932 (5854, 5829, 5753) 5651 BC 3974 (3905, 3880, 3804) 3701
				1 sigma BP 5560 (5440, 5432, 5321) 5296 BC 3610 (3491, 3483, 3372) 3346
				2 sigma BP 5584 (5440, 5432, 5321) 5053 BC 3634 (3491, 3483, 3372) 3103