

Figure A13. Locations of Arctic fox den 83 (Beechey Point Quadrangle, Township 9N, Range 20E, Section 9), fox den 201 (Beechey Point Quadrangle, Township 9N, Range 20E, Section 18), and fox den 202 (Beechey Point Quadrangle, Township 9N, Range 20E, Section 6), Alaska.

A14

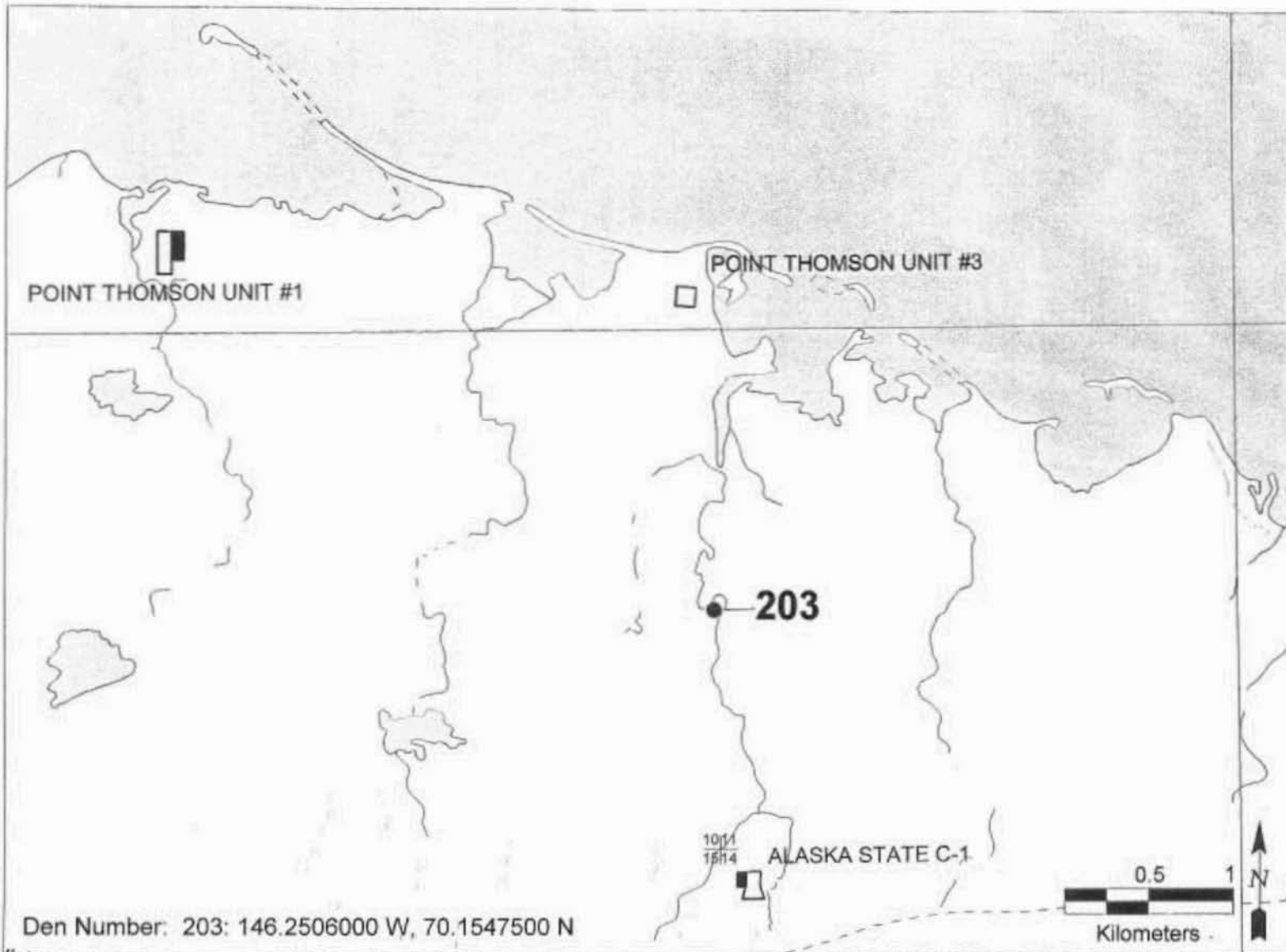


Figure A14. Locations of Arctic fox den 203, Flaxman Island Quadrangle, Township 9N, Range 23E, Section 10, Alaska.

A15

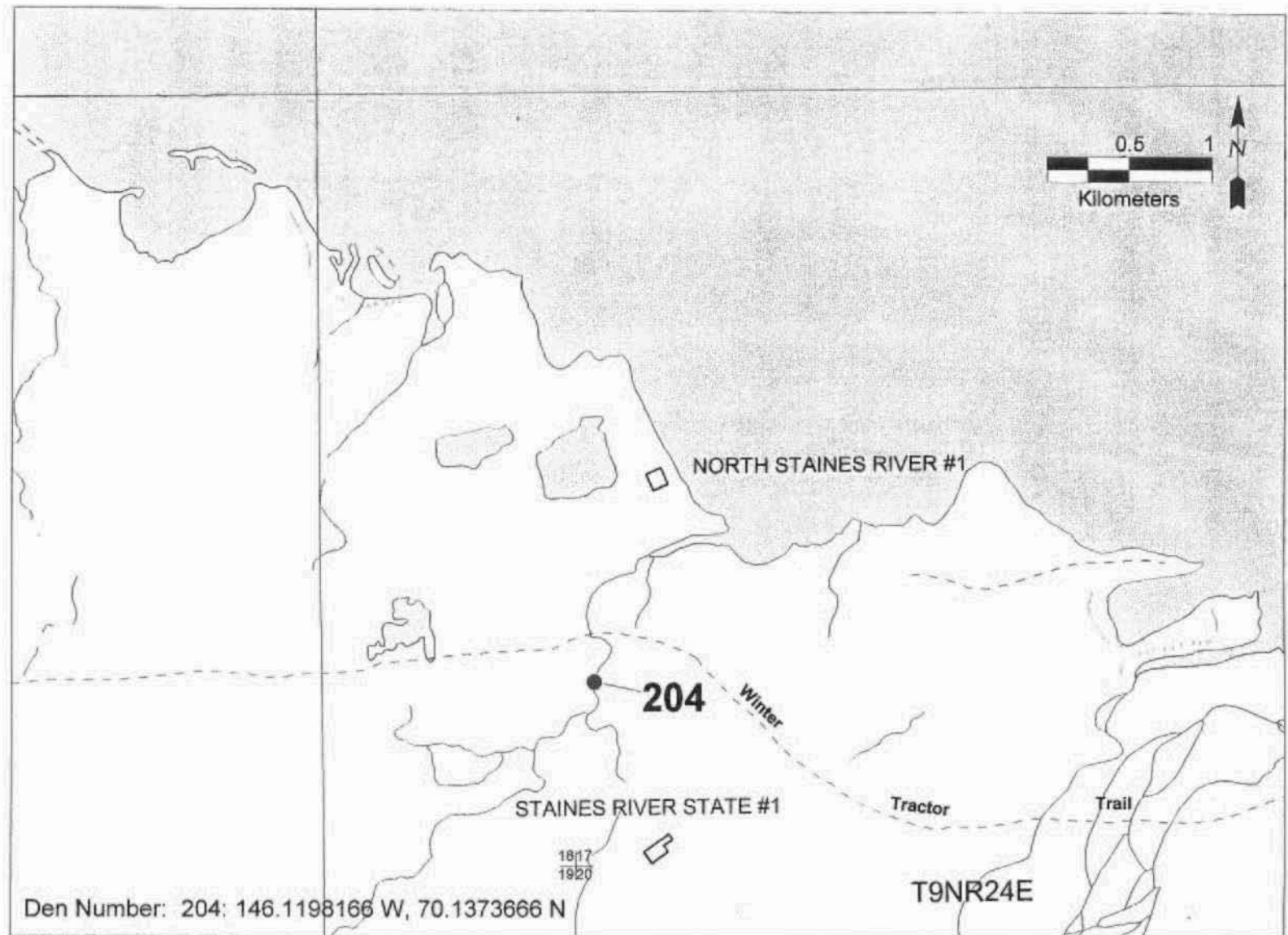


Figure A15. Locations of Arctic fox den 204, Flaxman Island Quadrangle, Township 9N, Range 24E, Section 17, Alaska.

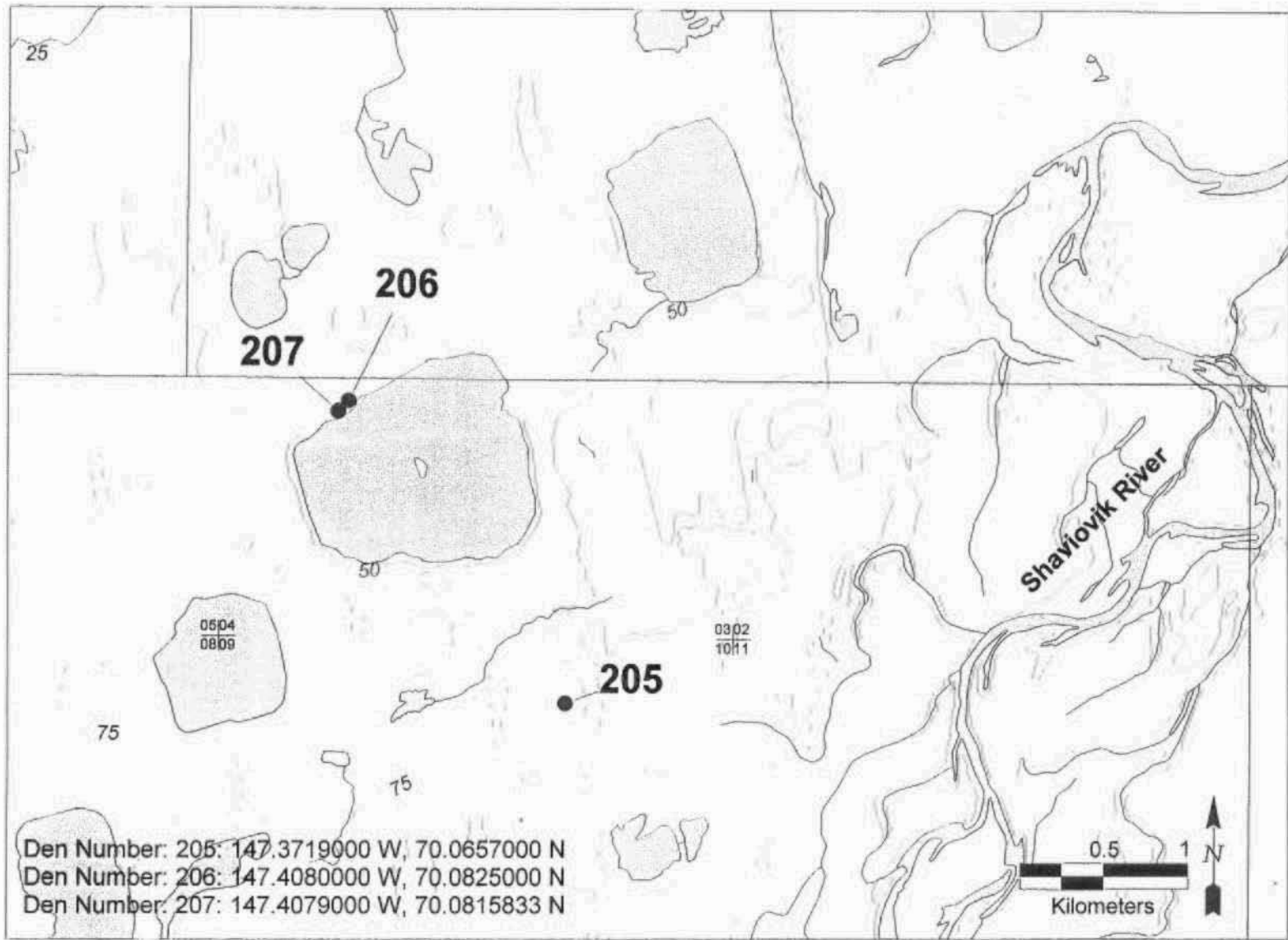


Figure A16. Locations of Arctic fox den 205 (Beechey Point Quadrangle, Township 8N, Range 19E, Section 10), fox den 206 (Beechey Point Quadrangle, Township 8N, Range 19E, Section 4), and fox den 207 (Beechey Point Quadrangle, Township 8N, Range 19E, Section 4), Alaska.

A17

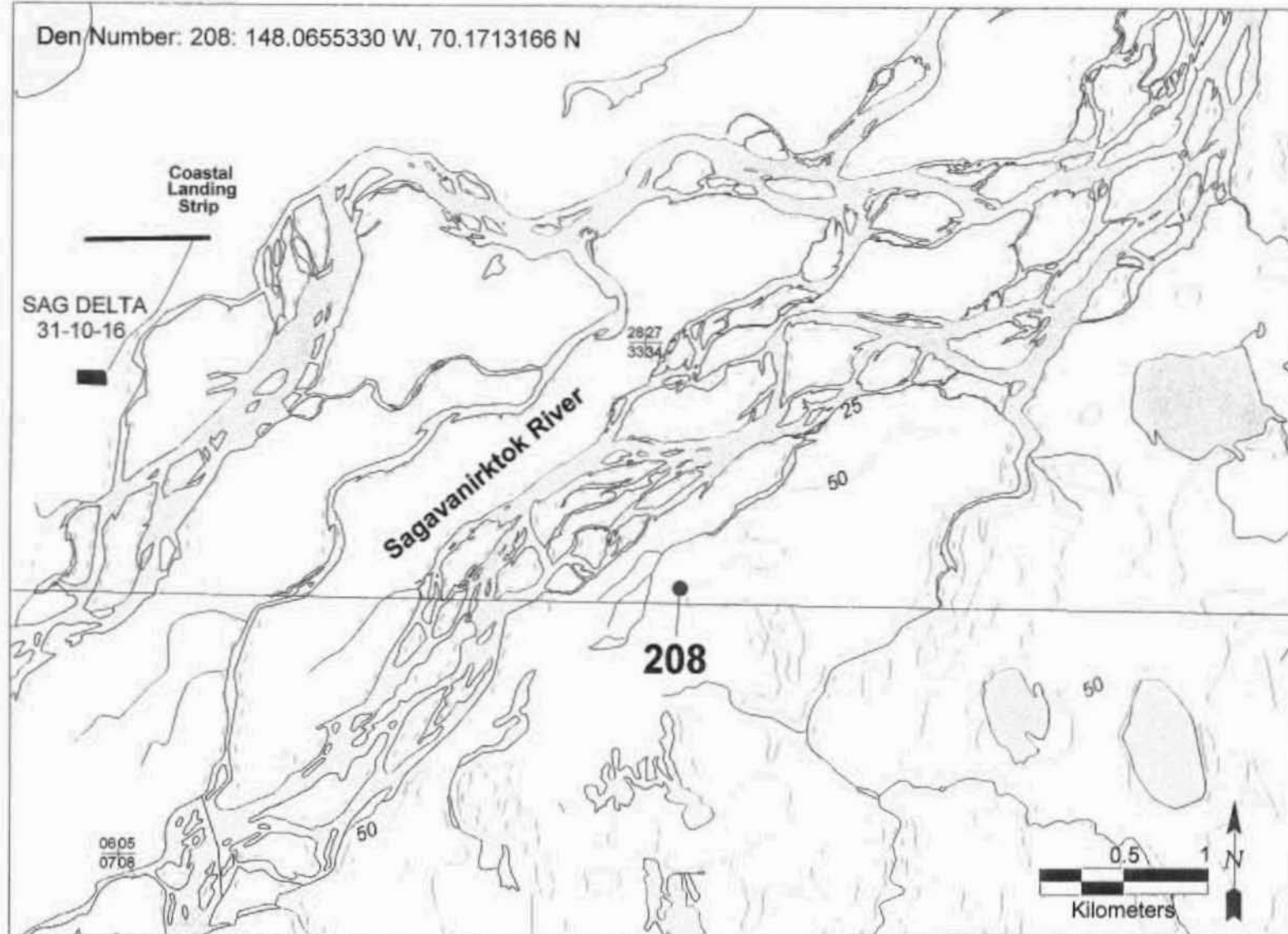


Figure A17. Locations of Arctic fox den 208, Beechey Point Quadrangle, Township 10N, Range 16E, Section 34, Alaska.

A18

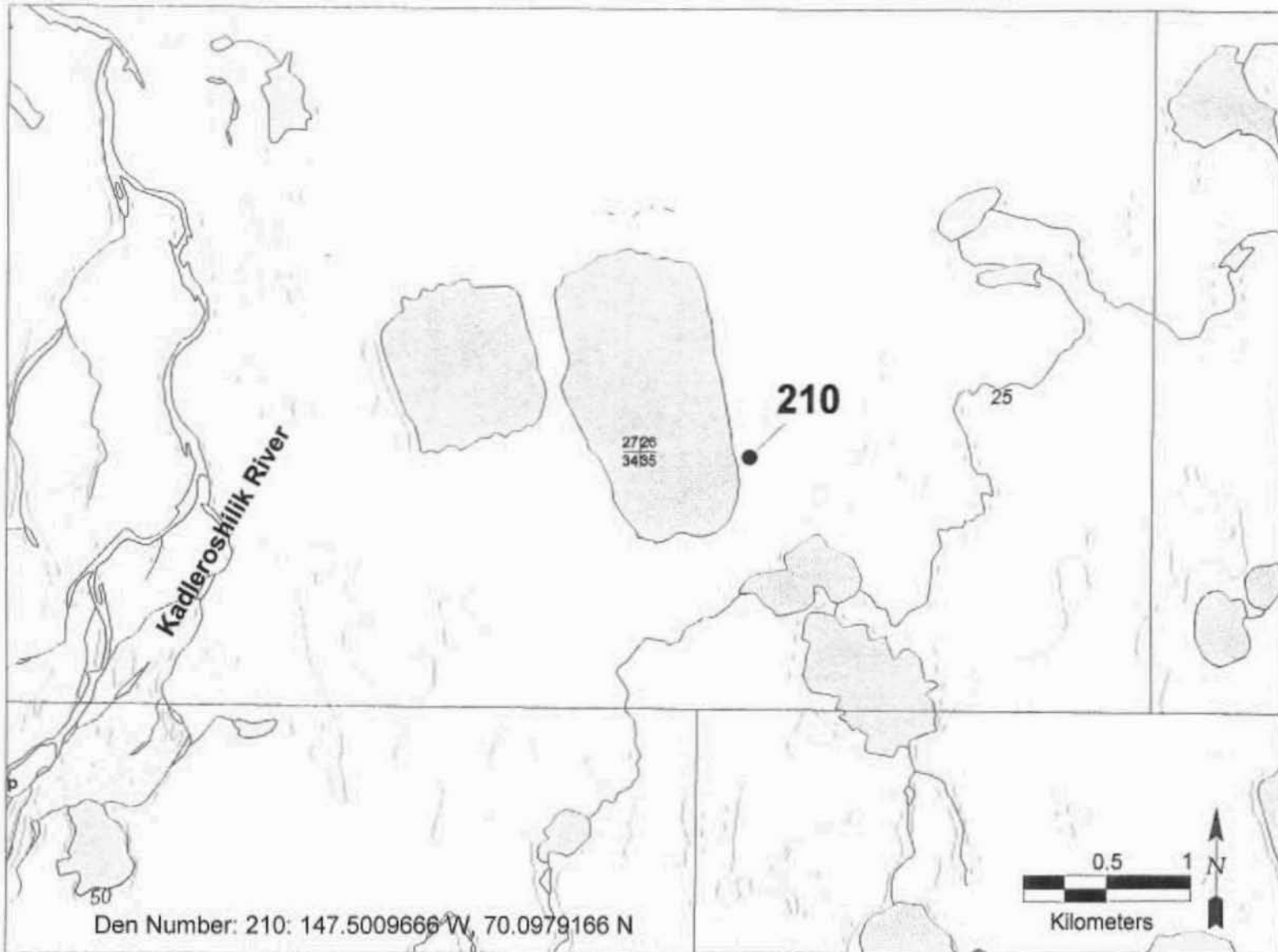


Figure A18. Locations of Arctic fox den 210, Beechey Point Quadrangle, Township 9N, Range 18E, Section 35, Alaska.

A19

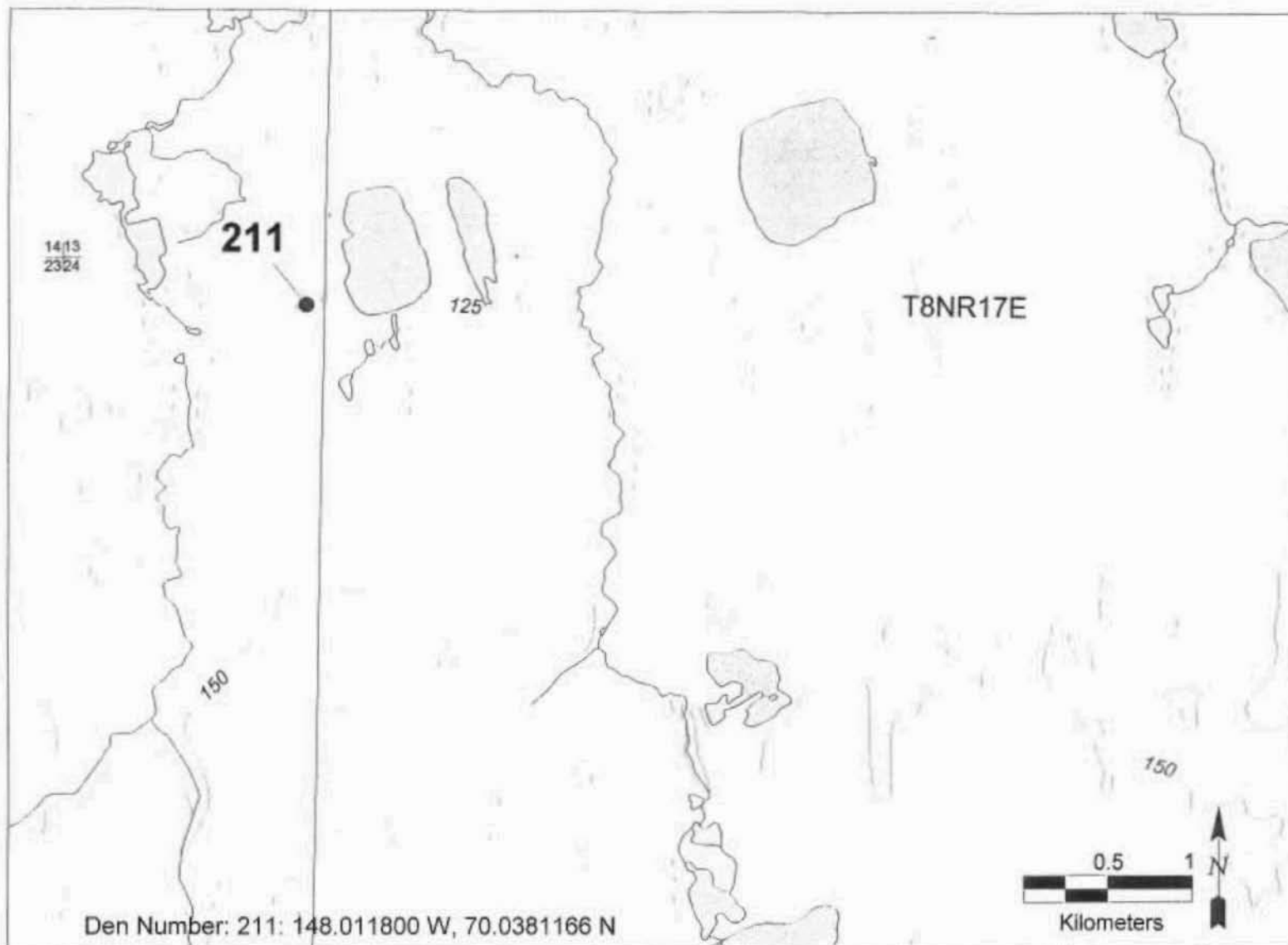


Figure A19. Locations of Arctic fox den 211, Beechey Point Quadrangle, Township 8N, Range 16E, Section 24, Alaska.

APPENDIX B.

Arctic Fox Den History

Table B1. Arctic fox den site locations and history of occupancy in the Badami and Point Thomson Study Areas, Alaska, between 1973 and 1999.

Den No.	Study Site	Longitude (°W)	Latitude (°N)	1972	1979	1983	1991	1992	1993	1999
34	Badami	147.8728160	70.2016740	U	A	U	A	A	U	I
70	Badami	147.8789240	70.1816730	U	U	U	U	I	U	I
82	Badami	147.2261210	70.1530720	U	U	U	U	A	U	I
83	Badami	147.0930620	70.1537400	U	U	U	U	A	U	A
84	Badami	147.1191947	70.1091820	U	U	U	U	A	U	I
85	Badami	147.7250240	70.1394520	U	U	U	U	A	U	I
87	Badami	147.4194620	70.1630690	U	U	U	U	A	U	A
88	Badami	147.5191900	70.1777900	U	U	U	U	A	U	A
89	Badami	147.1727730	70.0608470	U	U	U	U	I	U	A/I
90	Badami	147.4394470	70.0550090	U	U	U	U	I	U	A
91	Badami	147.6900160	70.0905620	U	U	U	U	I	U	A/I
92	Badami	147.8069720	70.1494510	U	U	U	U	I	U	I
93	Badami	147.9925310	70.1297250	U	U	U	U	A	U	A
94	Badami	148.1230910	70.1372230	U	U	U	U	I	U	I
96	Badami	147.9572470	70.0983350	U	U	U	U	I	U	I
99	Badami	146.9780410	70.0364050	U	U	U	U	I	U	I
100	Badami	148.1711500	70.1500000	U	U	U	U	A	U	I
201	Badami	147.1714333	70.1331667	?	?	?	?	?	?	A
202	Badami	147.1583500	70.1565666	?	?	?	?	?	?	A
203	Pt. Thomson	146.2506000	70.1547500	U	U	A	U	U	U	A
204	Pt. Thomson	146.1198166	70.1373666	U	U	I	U	U	U	A/I
205	Badami	147.3719000	70.0657000	I	U	U	U	U	U	I
206	Badami	147.4080000	70.0825000	I	U	U	U	U	U	I
207	Badami	147.4079000	70.0815833	U	U	U	U	U	U	I
208	Badami	148.0655330	70.1713166	A	U	U	U	U	U	I
209	Badami	147.4659333	70.0702333	I	U	U	U	U	U	A
210	Badami	147.5009666	70.0979166	I	U	U	U	U	U	I
211	Badami	148.0118000	70.0381166	A	U	U	U	U	U	A

APPENDIX C.

**Vegetation categories for the Badami Development Area and the Point Thomson
Development Area**

Table C1. Summary of area by Level C vegetation categories (Walker 1983) for the Badami Development Area (Shick and Noel 1995) and the Point Thomson Unit Area (Noel and Funk 1999). The Badami Development Area comprised 3% (61 km² of 1700 km²) and the Point Thomson Unit Area comprised 8% (133 km² of 1700 km²) of the 1999 Arctic fox denning study area.

Vegetation Category	Description	Badami Development Area (% Area)	Point Thomson Unit Area (% Area)
Ia. (Water)	(ponds, lakes, rivers, streams, saltwater)	24.0%	44.3%
IIb. (Aquatic Graminoid Tundra)	(emergent vegetation)	0.6%	0.5%
IIId. (Water/Tundra Complex)	(pond complex with emergent vegetation)	0.3%	0.5%
IIIa. (Wet Sedge Tundra)		2.1%	3.0%
IIIb. (Wet Graminoid Tundra)	(wet saline tundra, saltmarsh)	0.6%	1.2%
IIIc. (Wet Sedge Tundra/Water Complex)	(pond complex, no emergent vegetation)	0.9%	0.5%
IIId. (Wet Sedge/Moist Sedge, Dwarf Shrub Tundra Complex)	(wet patterned-ground complex)	8.4%	17.1%
IIIe. (Wet Sedge/Moist Sedge, Barren Complex)	(wet frost-scar tundra complex)	0.0%	0.5%
IVa. (Moist Sedge, Dwarf Shrub/Wet Graminoid Tundra Complex)	(moist patterned ground complex)	22.9%	10.3%
Va. (Moist Sedge, Dwarf Shrub Tundra)		28.6%	11.5%
Vc. (Dry, Dwarf Shrub, Crustose Lichen Tundra)	(Dryas tundra, pingos, river bars)	0.0%	2.0%
Vd. (Dry, Dwarf Shrub, Fruticose Lichen Tundra)	(dry acidic tundra)	5.2%	0.3%
Ve. (Moist Graminoid, Dwarf Shrub Tundra/Barren Complex)	(frost-scar tundra complex)	1.3%	3.6%
IXb. (Dry Barren/Dwarf Shrub, Forb Grass Complex)	(forb rich river bars)	1.3%	0.5%
IXc. (Dry Barren/Forb Complex)	(active river channels)	0.4%	0.0%
IXe. (Dry Barren/Grass Complex)	(coastal sand dune grassland)	0.0%	0.6%
IXh. (Wet Barren/Wet Sedge Tundra Complex)	(barren/saline tundra complex, saltmarsh)	0.1%	1.7%
IXi. (Dry Barren/Forb, Graminoid Complex)	(coastal barrens)	0.4%	0.5%
Xa. (River Gravels)		0.2%	0.0%
Xe. (Gravel Roads and Pads)		0.1%	0.2%
BS. (Barren Sand/Gravel)	(coastal beaches)	0.4%	0.0%
XIa. (Wet Mud)	(drained lakes and ponds)	2.0%	1.1%
XIc. (Bare Peat)	(barren coastal areas due to storm surges)	0.1%	0.0%