

MAP No.	LAB No.	LATITUDE	LONGITUDE	MATERIAL	ELEV. (m)	MIN. REL. (m)	MAX. REL. (m)	AGE (years)	AGE (BP)	COMMENTS
1	K-1042	69.566667	-80.300000	Osteborus osmarum	44.0	44.0	3.010	1.120	3.410	Anthropological. Normalized age from CAPO.
2	K-1043	69.566667	-80.300000	Osteborus osmarum	24.0	24.0	2.540	1.120	3.040	Anthropological. Normalized age from CAPO.
3	K-1078	69.566667	-80.300000	Rangifer tarandus arcticus	8.0	8.0	0.660	0.100	0.660	Anthropological.
4	K-1044	69.486667	-80.316667	Osteborus osmarum	8.0	8.0	0.660	0.100	0.660	Anthropological.
5	K-1044	69.486667	-80.316667	Osteborus osmarum	6.5	6.5	0.660	0.100	1.260	Anthropological. Normalized age from CAPO.
6	P-210	69.566667	-80.300000	Rangifer tarandus arcticus	44.0	44.0	2.540	1.120	2.880	Anthropological.
7	P-211	69.566667	-80.300000	Rangifer tarandus arcticus	24.0	24.0	2.540	1.120	2.260	Anthropological.
8	AA-5303	69.566667	-80.300000	Osteborus osmarum	46.5	46.5	3.620	0.400	4.020	Anthropological.
9	AA-5303	69.566667	-80.300000	Osteborus osmarum	42.5	42.5	3.417	0.373	4.217	Anthropological.
10	AA-5303	69.566667	-80.300000	Astarte borealis	19.0	19.0	1.720	0.050	1.920	Anthropological.
11	AA-5771	69.542500	-80.401177	Astarte borealis	14.5	14.5	2.293	0.043	2.603	Anthropological.
12	AA-5772	69.542500	-80.401177	Astarte borealis	88.0	88.0	5.847	0.043	6.577	Anthropological.
13	AA-5806	69.587000	-80.176000	Astarte borealis	22.0	22.0	2.510	0.032	3.140	Anthropological.
14	AA-5806	69.587000	-80.176000	Astarte borealis	9.3	9.3	0.967	0.037	1.597	Anthropological.
15	AA-4194	69.578833	-80.307833	Osteborus osmarum	54.0	54.0	3.323	0.058	3.723	Anthropological.
16	AA-4194	69.578833	-80.307833	Osteborus osmarum	51.0	51.0	3.061	0.057	3.461	Anthropological.
17	AA-4194	69.578833	-80.307833	Osteborus osmarum	47.0	47.0	3.061	0.057	3.461	Anthropological.
18	AA-4194	69.578833	-80.307833	Osteborus osmarum	47.0	47.0	3.182	0.058	3.582	Anthropological.
19	AA-4194	69.578833	-80.307833	Osteborus osmarum	48.0	48.0	3.262	0.058	3.662	Anthropological.
20	AA-4194	69.578833	-80.307833	Osteborus osmarum	43.3	43.3	3.103	0.057	3.603	Anthropological.
21	AA-4194	69.578833	-80.307833	Osteborus osmarum	41.5	41.5	2.986	0.057	3.386	Anthropological.
22	AA-4194	69.578833	-80.307833	Osteborus osmarum	37.5	37.5	3.059	0.057	3.459	Anthropological.
23	AA-4293	69.561667	-80.299167	Rangifer tarandus	9.3	9.3	0.291	0.031	0.391	Anthropological.
24	AA-4293	69.561667	-80.299167	Rangifer tarandus	21.5	21.5	1.871	0.054	1.971	Anthropological.
25	AA-4294	69.573833	-80.310833	Cavia ferruginea	61.0	61.0	3.292	0.054	3.292	Anthropological.
26	AA-4294	69.573833	-80.310833	Rangifer tarandus	48.0	48.0	3.114	0.054	3.114	Anthropological.
27	OS-4724	69.544444	-79.730000	Astarte borealis	9.0	9.0	1.930	0.060	2.060	(Out of map area)
28	OS-4727	69.573500	-80.307388	Mus musculus	3.0	3.0	1.460	0.060	2.070	Anthropological.
29	OS-4727	69.573500	-80.307388	Mus musculus	29.0	29.0	3.470	0.070	3.100	Anthropological.

Table 1. Age table

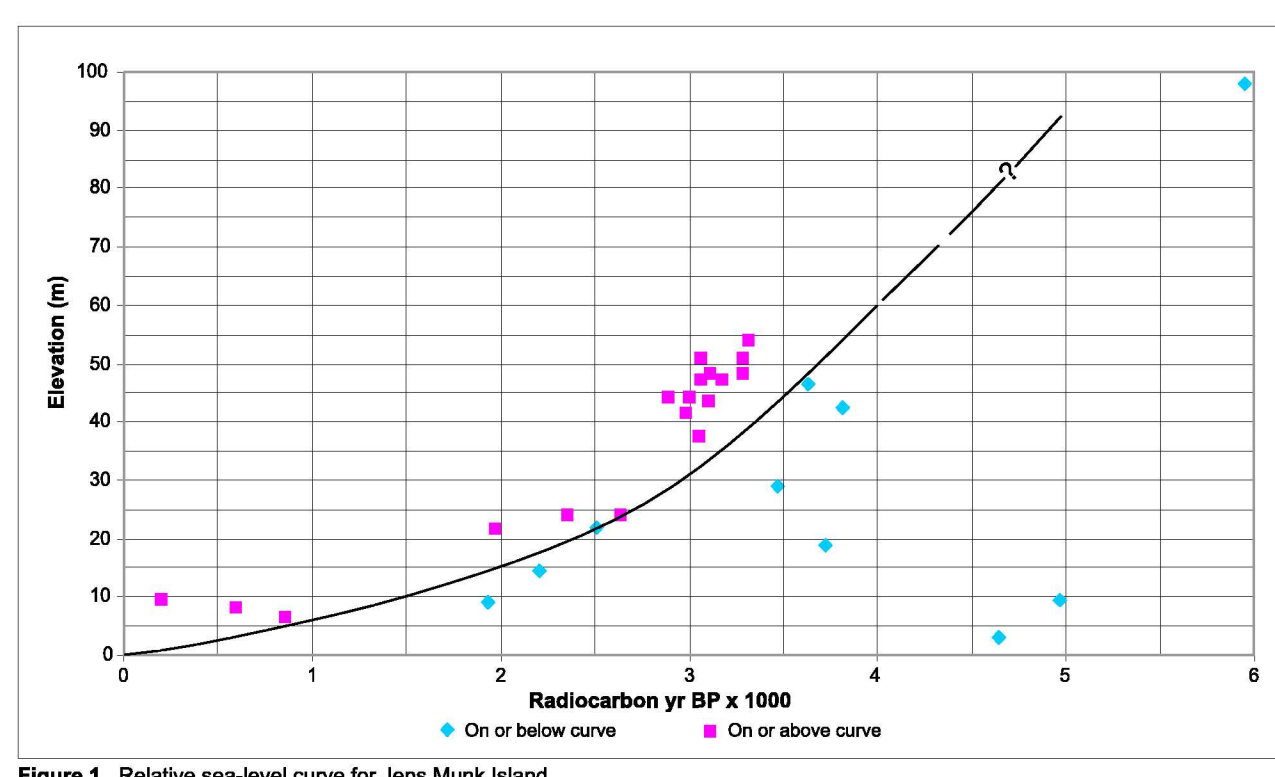


Figure 1. Relative sea-level curve for Jens Munk Island.

LEGEND

SURFICIAL DEPOSITS

QUATERNARY

HOLOCENE

MR MARINE AND GLACIAL MARINE SEDIMENTS: gravel, sand, silt, and clay, 1-20 m thick, deposited in deltaic and beach environments during regression of the postglacial sea.

MV Beach sediments: gravel and sand, 1-5 m thick, forming ridges and swales.

MV Deepwater proglacial silt veneers: silt, clay silt, and fine sand with dropstones, 1-2 m thick.

EARLY HOLOCENE AND WISCONSINAN

TV Till veneers: 0.5-2 m thick and discontinuous.

TV Till blankets: 2-10 m thick forming an undulating blanket with drumlins and ribbed rockiness in places.

PRE-QUATERNARY BEDROCK

R ROCK: rock of various compositions and ages variously modified by glacial erosion during the Quaternary and with patches of correct till and hummocky surfaces, ice mounded in places, with lake basins in topographically secured regions in places reworked by thin till, commonly bouldery.

Geological boundary (dotted)

Esker

End moraine

Drumlin

Ice mounded bedrock

Strike ice flow direction known

Crossed striae (numbers indicate relative age, 1 being the older)

Field observation site: gravel (g), rock (r), sand (s), till (t)

Field observation site: material as above near rock outcrop

Radiocarbon date (see Table 1)



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 Geology by A.S. Dyke and J.M. Savelle, 2002, 2003
 Digital compilation by R. Fournier, Geotech
 Digital cartography by N. Côté, Data Dissemination Division (DDD)

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 SURFICIAL GEOLOGY
SOUTHWEST JENS MUNK ISLAND
 NUNAVUT
 Scale 1:50 000 / Échelle 1:50 000
 Universal Transverse Mercator Projection
 North American Datum 1983
 © Her Majesty the Queen in Right of Canada 2006

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada
 Digital base map from data compiled by Geomatics Canada, modified by DDD
 Proximity to the North Magnetic Pole causes the magnetic compass to be erratic in this area
 Mean magnetic declination 2005, 30°17'W, decreasing 4.5' annually
 Elevations in metres above mean sea level
 Contour interval 40 m

47 015	47 016	47 017
47 018	47 019	47 020
47 021	47 022	47 023
47 024	47 025	47 026

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