DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

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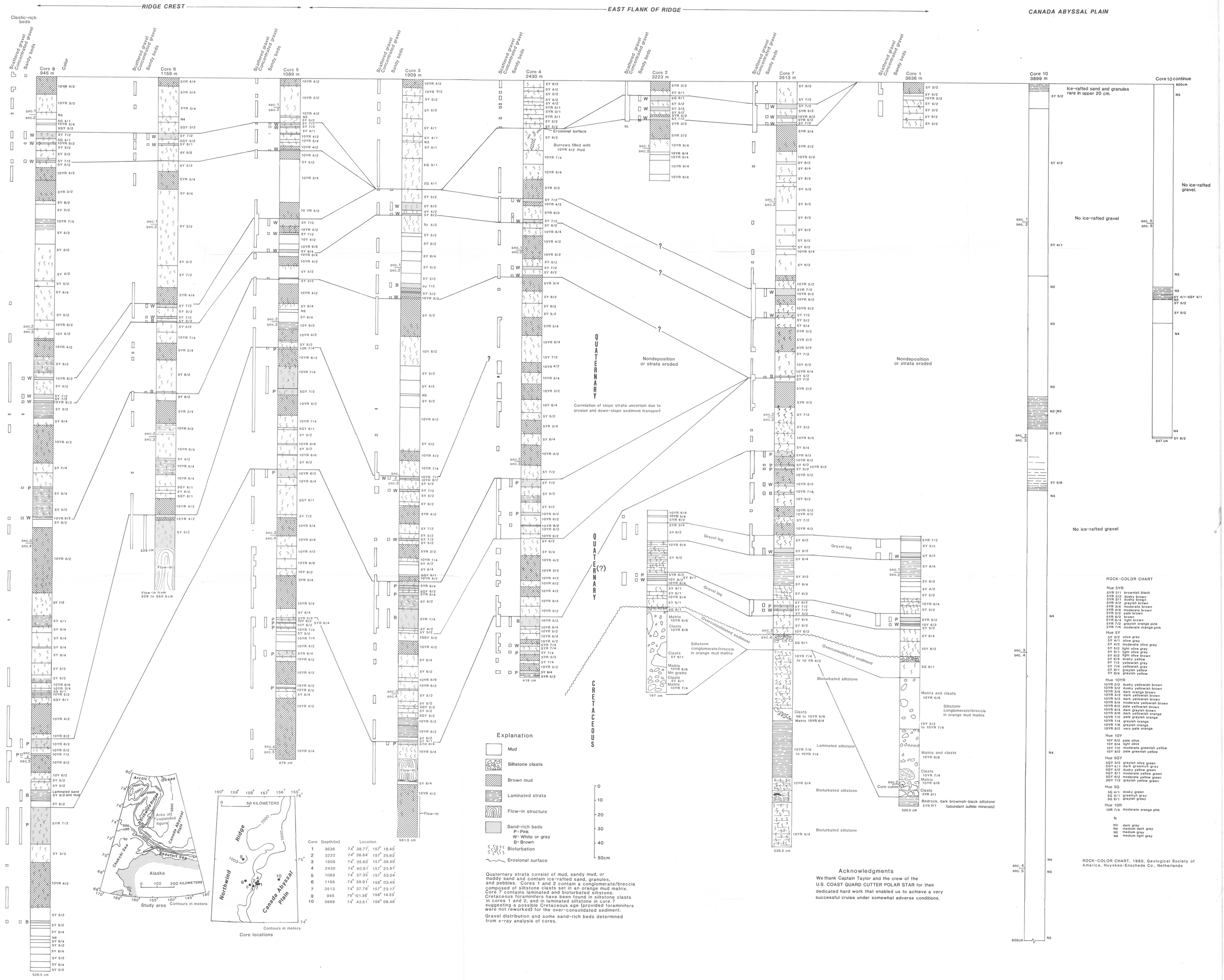

Core	Depth (m)	Location	
1	3636	74° 38.77′	157° 18.40′
2	3223	74° 38.84′	157° 25.63′
3	1909	74° 35.60′	157° 39.59′
4	2430	74° 40.91′	157° 23.97′
5	1089	74° 37.35′	157° 53.04′
6	1159	74° 39.91′	158° 03.49′
7	3513	74° 37.76′	157° 23.17′
9	945	75° 01.38′	158° 14.23′
10	3899	74° 43.51′	156° 08.46′

Quaternary strata consist of mud, sandy mud, or muddy sand and contain ice-rafted sand, granules, and pebbles. Cores 1 and 2 contain a conglomerate/breccia composed of siltstone clasts set in an orange mud matrix. Core 7 contains laminated and bioturbated siltstone. Cretaceous foraminifers have been found in siltstone clasts in cores 1 and 2, and in laminated siltstone in core 7 suggesting a possible Cretaceous age (provided foraminifers were not reworked) for the over-consolidated sediment.

Gravel distribution and some sand-rich beds determined from x-ray analysis of cores.

Acknowledgments

We thank Captain Taylor and the crew of the U.S. COAST GUARD CUTTER POLAR STAR for their dedicated hard work that enabled us to achieve a very successful cruise under somewhat adverse conditions.

PRELIMINARY STRATIGRAPHY OF PISTON CORES FROM SOUTHEASTERN NORTHWIND RIDGE, ARCTIC OCEAN

By

R. Lawrence Phillips, Arthur Grantz, and Michael W. Mullen

1990

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards (or with the North American Stratigraphic Code).