CHART 5

GEOLOGICAL PROFILES 18-21

from the Laurentian Channel, Cape Breton Shelf, Hermitage Channel, and St. Pierre Bank areas. Profile locations are shown in Fig. 1. The geologic interpretation was made from high resolution seismic reflection records. Note folding in the Cretaceous beds and progradation of the Tertiary beds, Profile 18, as well as folding and faulting in the Cretaceous beds, Profile 21. Also note channels cut in Carboniferous beds and infilled with Tertiary sediment along the axis of the Laurentian Channel, Profile 20. Vertical exaggeration of Profiles 18-19 and Profiles 20-21 is approximately 17 and 21 times respectively.

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Lewis H. King and Brian MacLean

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