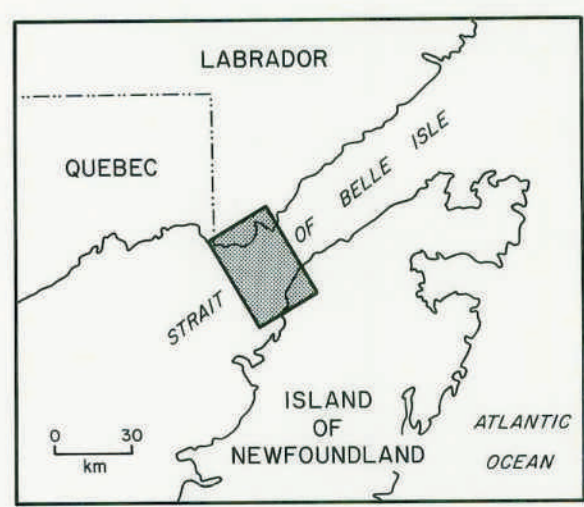
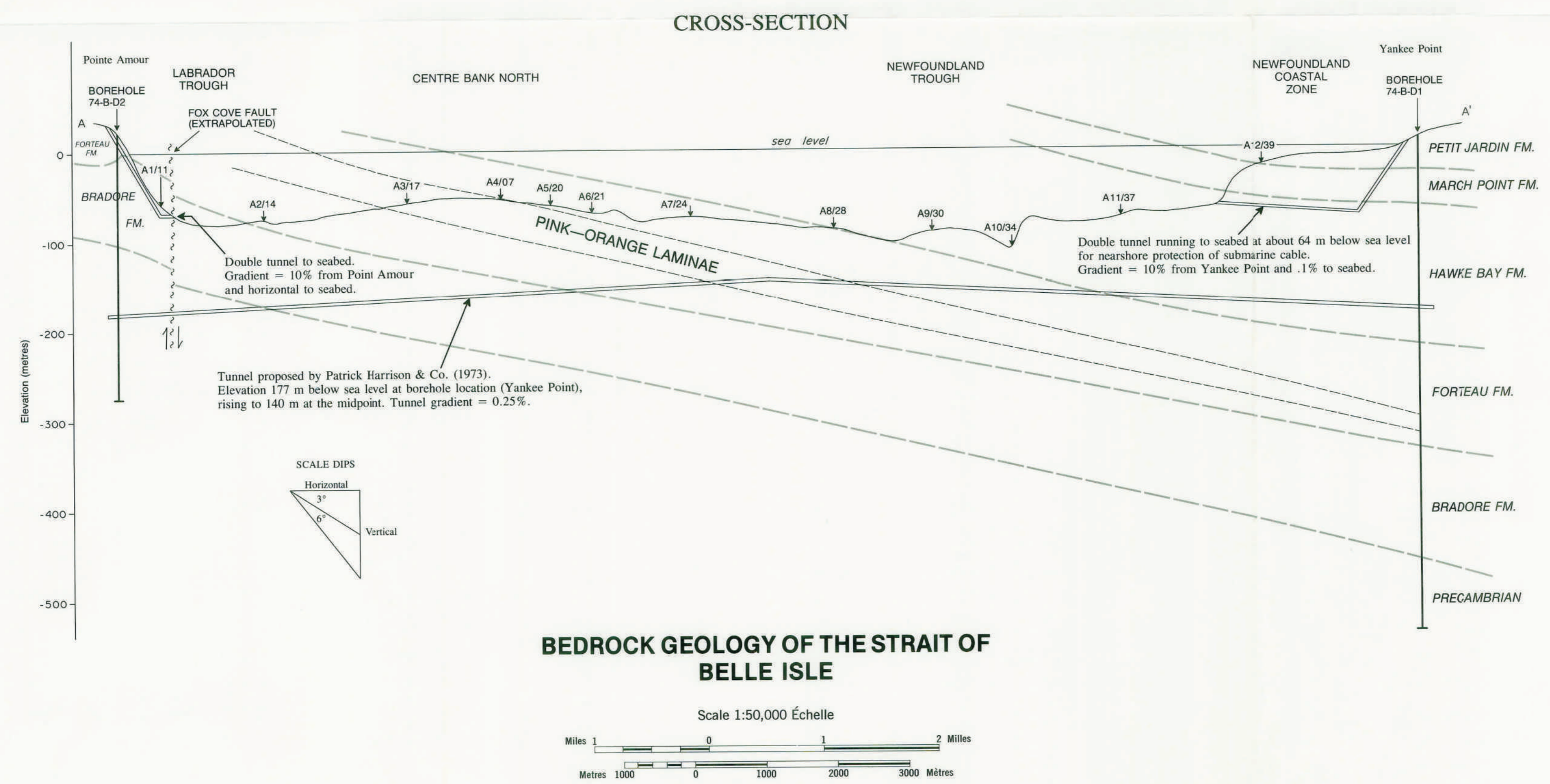


- LEGEND**
- UPPER CAMBRIAN**
- PORT AU PORT GROUP**
- 7 BERRY HEAD FORMATION: thick bedded, massive, light grey to dark grey dolostone associated with chert; stromatolitic dolostone common
 - 6 PETIT JARDIN FORMATION: yellow, buff to white-weathering, light grey to white microcrystalline to finely crystalline dolostone; 6a, LOWER DOLOSTONE MEMBER, thin bedded dolostones having interbedded green, grey and locally red dolomitic shale and stromatolitic dolostone; 6b, MIDDLE STROMATOLITE MEMBER, stromatolitic dolostone, oolitic dolostone, intra-clastic dolerite, thin bedded dolostones; 6c, UPPER DOLOSTONE MEMBER, thick to thin bedded light grey dolostone, dark grey dolostone, minor oolitic dolostone, shale interbeds
- MIDDLE CAMBRIAN**
- 5 MARCH POINT FORMATION: dark grey argillaceous dolostones, argillaceous bedded limestone, burrowed and fossiliferous limestone, minor shale having intercalated thin sandstones, dolostones and intraformational conglomerates at base
- LOWER CAMBRIAN**
- LABRADOR GROUP**
- 4 HAWKE BAY FORMATION: white orthoquartzite
 - 3 FORTEAU FORMATION: red to grey nodular limestone and grey shale
- LOWER CAMBRIAN AND (?) UPPER PROTEROZOIC**
- 2 BRADORE FORMATION: red to pale pink and maroon argillaceous sandstone, minor conglomerate
- LOWER AND/OR MIDDLE PROTEROZOIC**
- 1 BASEMENT GNEISS COMPLEX: leucocratic to melanocratic gneisses; some quartz-rich gneisses; pelitic gneiss and schist amphibolites; minor calc-silicate gneiss
- SYMBOLS**
- Geological contact (defined/approximate/offshore).....
 - Fault (defined/approximate/assumed).....
 - Inclined bedding (tops known).....
 - Anticline.....
 - Syncline.....
 - Rock outcrop.....
 - Bedrock lineament (from sidescan sonograms).....
 - Bedrock lineament (from aerial photographs).....
 - Bedrock step (where overburden < 1 m thick).....
- Interpretation is based on boreholes at Yankee Point and Pointe Amour (Cumming and James, 1974), on offshore boreholes drilled by the Beaver Dredging Company Limited reported in SNC-Lavalin Newfoundland Limited, (1982b), and on extrapolation of onshore geology compiled by Knight and Edwards (1985) and Knight et al. (1988), on the Newfoundland side, and by Bostock and Cumming (in Bostock et al., 1983) on the Labrador side. Bathymetry was compiled by Geonutics Limited for the Lower Churchill Development Corporation (1984b) and incorporates data from Canadian Hydrographic Service surveys in 1936 and 1983, a survey by Kenting Exploration Services Limited (1979) and two surveys by Geonutics Limited for the Beaver Dredging Company Limited (1981b) and Shawmont Newfoundland Limited (1981) respectively.*
- Formation descriptions derived from Bostock et al. (1983), Knight and Edwards (1985) and Knight et al. (1988).*
- Cartography by T. Paltanavage, T. Sears, and G. Denief; photomechanical and colour processing by D. Leonard, under the supervision of K. Syme. Cartographic Unit, Geological Survey Branch, Department of Mines and Energy, Government of Newfoundland and Labrador.*
- Compiled by C.M.T. Woodworth-Lynas, J.Y. Guigne and E.L. King.
- Copies of this map may be obtained from the Publications and Information Section, Geological Survey Branch, Department of Mines and Energy, P.O. Box 8700, St. John's, Newfoundland, A1B 4J6.



MAP 90-05



Strait Channel
12P/SE