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This map was produced by Natural Resources Canada in cooperation with the Geological Survey of Canada and the U.S. Geological Survey.

Geological compilation by B.J. Todd, Geological Survey of Canada and P.C. Valverde, U.S. Geological Survey.

Geology by B.J. Todd, 2006-2008

Geological compilation by B.J. Todd, S.E. Higgs, S.E. Higgs, W.A. Andrus, and R.C. Miles, 2001-2009

Digital cartography by P.O. Plé, Program Data Dissemination Division (DSD) and S. Hayward, GSC (Atlantic)

OPEN FILE 6124  
SHADED SEA-FLOOR RELIEF, BACKSCATTER STRENGTH, AND SURFICIAL GEOLOGY

GERMAN BANK  
SCOTIAN SHELF  
OFFSHORE NOVA SCOTIA

Scale 1:100 000 (Scale 1:100 000)

Universal Transverse Mercator Projection  
Datum: North American Datum 83 (NAD83)  
Spheroid: Geoid  
Projection constants: false easting = 192000 m, false northing = 0 m, semi-major axis = 6378137 m, semi-minor axis = 6356752 m, inverse flattening = 298.257222101

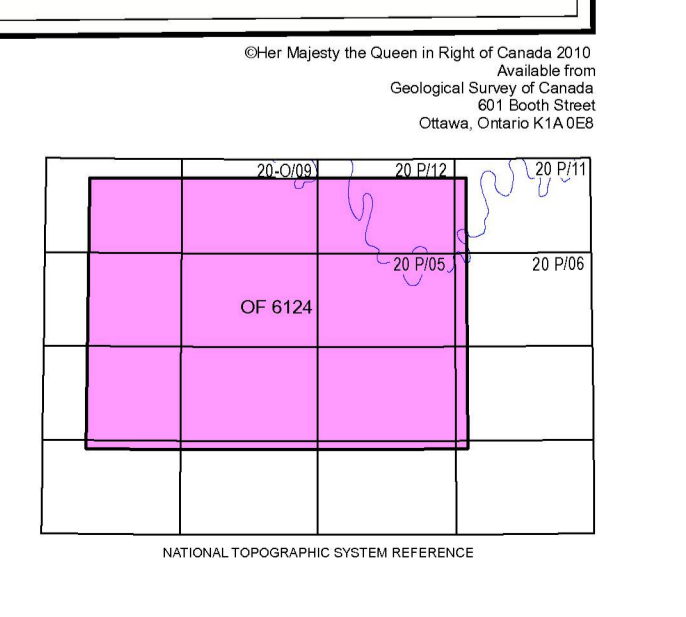
Any revisors or additional information known to the user should be reviewed by the Geological Survey of Canada.

Digital base map derived from data compiled by the Geological Survey of Canada, modified by GSC (Atlantic)

Digital bathymetry contours in metres acquired by the Canadian Hydrographic Service and GSC (Atlantic)

Mean magnetic declination 2010, 11° 11' W, decreasing 0.6° westward. Readings only from 17° 35' W to the 20° corner or in 17° 35' W to the 16° corner of the map.

Depth in metres below mean sea level



**INTRODUCTION**

**DESCRIPTIVE NOTES**

**REFERENCES**

**GEOLOGICAL HISTORY**

**GLACIAL SEDIMENTS**

**QUATERNARY**

**GLACIAL SEDIMENTS**

**PRE-QUATERNARY**

**DEVONIAN-CAMBRIAN**

**CAMBRO-ORDOVICIAN**

**PRECAMBRIAN / MISSEPPAN UNDEVELOPED**

**ACKNOWLEDGMENTS**

**APPENDICES**

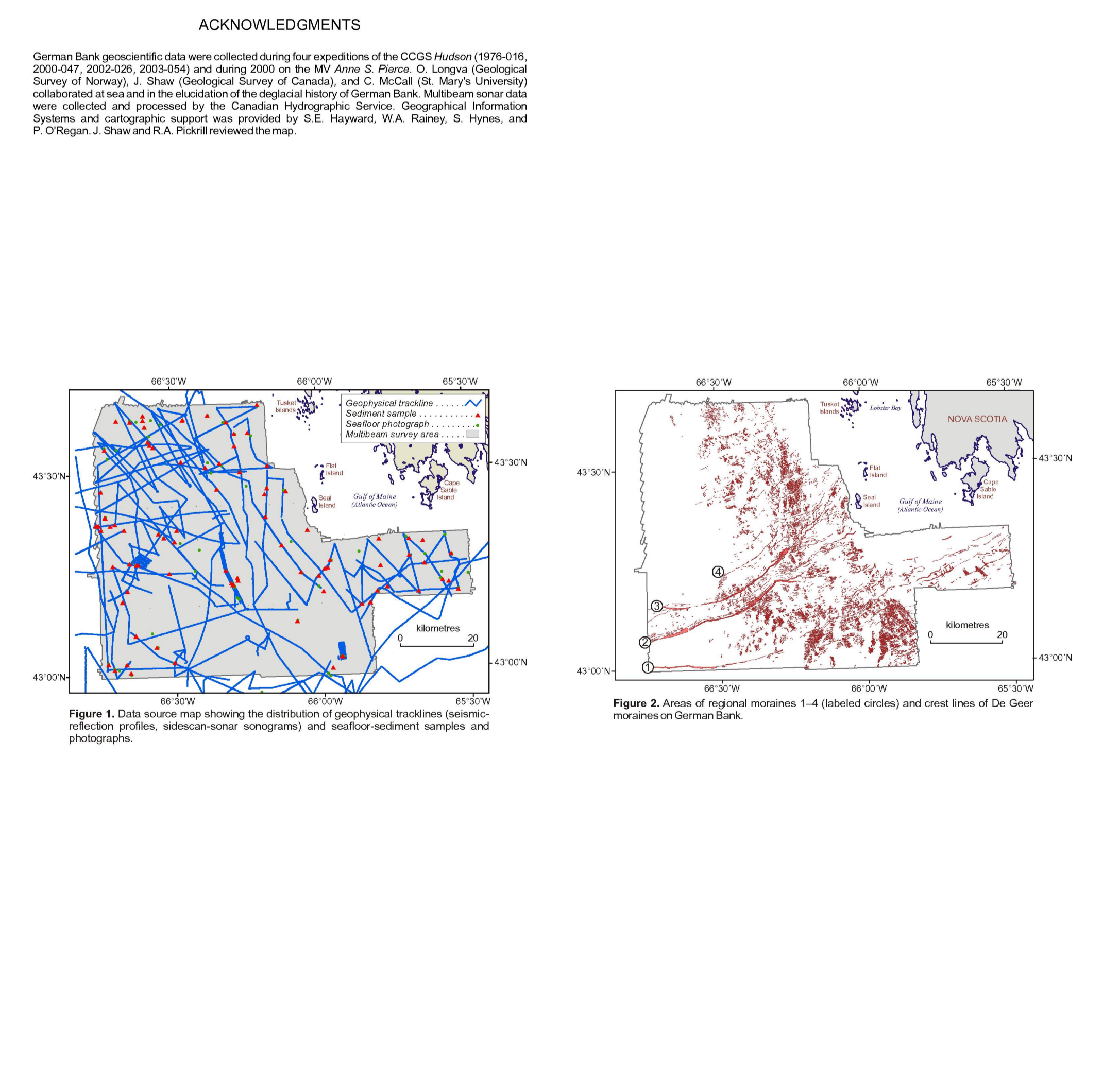


Figure 1. Cross-section of the Scotian Shelf (S.S. 1) showing geological units and structural features. The section is oriented N-S along 47° 30' W.

Figure 2. Areas of interest (A-I) showing geological units and structural features. The areas are oriented E-W along 47° 30' W.

Figure 3. Areas of interest (A-I) showing geological units and structural features. The areas are oriented E-W along 47° 30' W.

Figure 4. Areas of interest (A-I) showing geological units and structural features. The areas are oriented E-W along 47° 30' W.