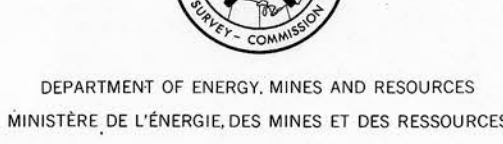




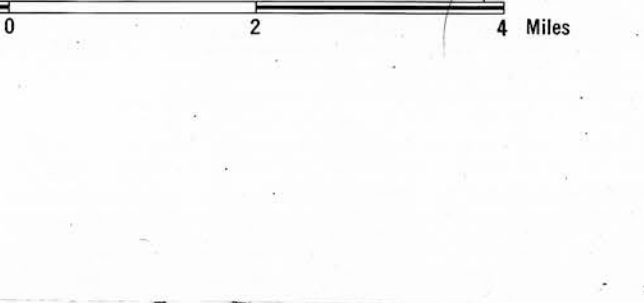
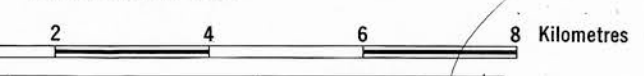
GEOLOGICAL SURVEY OF CANADA / COMMISSION GÉOLOGIQUE DU CANADA



DEPARTMENT OF MINES AND TECHNICAL SURVEYS / MINISTÈRE DES MINES ET DES RESSOURCES

Geology of the Topsails Igneous Terrain, Western Newfoundland

Scale 1:100 000



DESCRIPTIVE NOTES

The approximately 3000 ha area of west-central Newfoundland covered by the igneous rocks of the Topsails Igneous Terrain (TIT) is bounded by the Bay of St. Lawrence to the west, the Bay of Islands to the east, the Bay of St. George to the south, and the Bay of St. Lawrence to the north.

The igneous rocks are dominated by the Long Range and Topsails series, a gentle rolling surface that is generally composed of coarse-grained granitic and quartz-dioritic rocks.

The igneous rocks are generally composed of coarse-grained granitic and quartz-dioritic rocks, with some areas of more mafic rocks.

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LEGEND

Symbol	Description
[Symbol]	Geological boundary (dashed, approximate, assumed)
[Symbol]	Bedding, top known (dashed, overruled)
[Symbol]	Bedding, top unknown (dashed, vertical)
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[Symbol]	Schistosity, foliation (dashed, vertical)
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[Symbol]	Minor fold (arrow indicates vergence)
[Symbol]	Fault (dashed, in direction of dip assumed)
[Symbol]	Thrust fault (teeth in direction of dip assumed)
[Symbol]	Anticline (dashed, approximate)
[Symbol]	Syncline (dashed, approximate)
[Symbol]	Glacial striation (direction of movement known, unknown)
[Symbol]	Glacial striation (direction of movement known, unknown)
[Symbol]	Dike
[Symbol]	Rock outcrop (arrow of outcrop, individual outcrop)
[Symbol]	Mine
[Symbol]	Mineral occurrence
[Symbol]	Chlorite
[Symbol]	Fluorite
[Symbol]	Galena
[Symbol]	Muscovite
[Symbol]	Native silver and argentite
[Symbol]	Sphalerite

Geology by J.H. Walsh 1982, K.L. Curie 1981, 1982, Z.C. Coombs 1981, and P. Barette 1982. Data were compiled from Darling et al. (1981), Walsh and Barette (1982), Walsh and Curie (1981), Walsh and Curie (1982), Walsh and Curie (1983), Walsh and Curie (1984), Walsh and Curie (1985), Walsh and Curie (1986), Walsh and Curie (1987), Walsh and Curie (1988), Walsh and Curie (1989), Walsh and Curie (1990), Walsh and Curie (1991), Walsh and Curie (1992), Walsh and Curie (1993), Walsh and Curie (1994), Walsh and Curie (1995), Walsh and Curie (1996), Walsh and Curie (1997), Walsh and Curie (1998), Walsh and Curie (1999), Walsh and Curie (2000), Walsh and Curie (2001), Walsh and Curie (2002), Walsh and Curie (2003), Walsh and Curie (2004), Walsh and Curie (2005), Walsh and Curie (2006), Walsh and Curie (2007), Walsh and Curie (2008), Walsh and Curie (2009), Walsh and Curie (2010), Walsh and Curie (2011), Walsh and Curie (2012), Walsh and Curie (2013), Walsh and Curie (2014), Walsh and Curie (2015), Walsh and Curie (2016), Walsh and Curie (2017), Walsh and Curie (2018), Walsh and Curie (2019), Walsh and Curie (2020), Walsh and Curie (2021), Walsh and Curie (2022), Walsh and Curie (2023), Walsh and Curie (2024), Walsh and Curie (2025).