

GEOLOGY OF THE FLORENCE LAKE GREENSTONE BELT,  
 HOPEDALE BLOCK, NAIN PROVINCE, EASTERN LABRADOR  
 (PARTS OF NTS AREAS 13N/1 AND 13N/2).

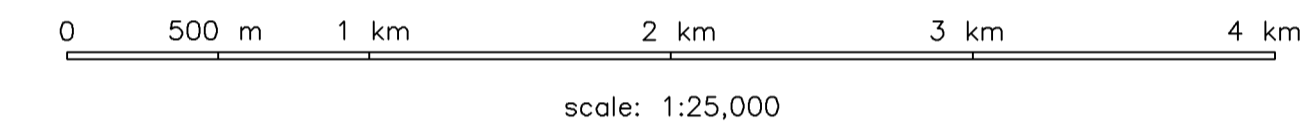
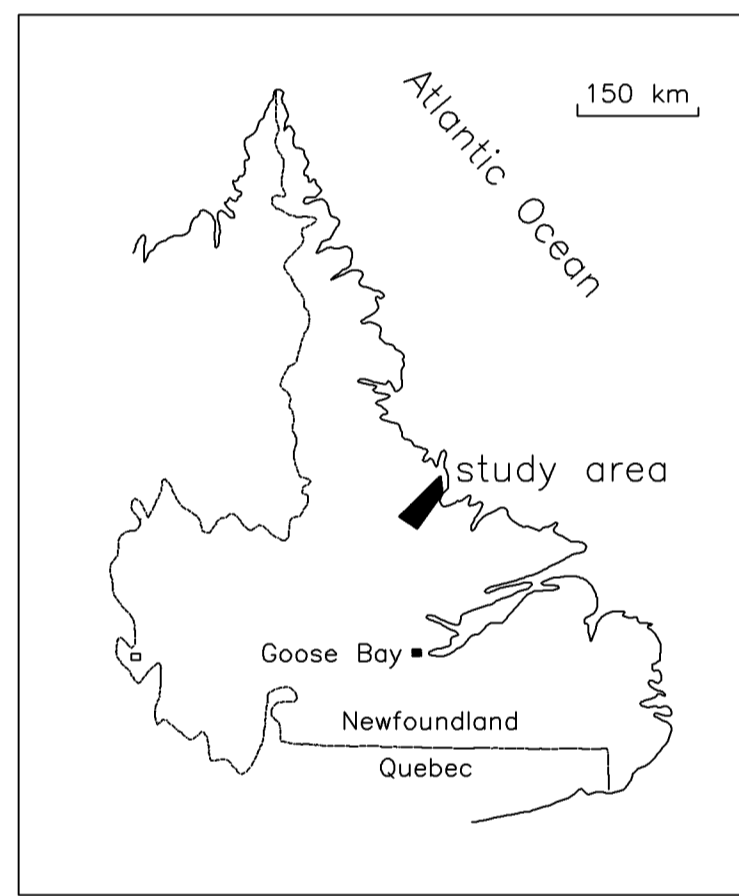
OPEN FILE 013N/0053  
 OPEN FILE MAP 96-25

This map is subject to review and revision. Comments concerning errors or omissions are invited and should be addressed to the Executive Director, Geological Survey, Department of Mines and Energy, P.O. Box 8700, St. John's, Newfoundland A1B 4J6. Copies of this map may be obtained from the Publications and Information Section, Geological Survey, Department of Mines and Energy, P.O. Box 8700, St. John's, Newfoundland A1B 4J6.

This map joins Open File Map 96-24 (Open File Lab/1158).

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 Newfoundland Department of Mines and Energy,  
 Open File Map 96-25, scale 1:25,000.



**LEGEND**

**PALEOPROTEROZOIC (?)**

- 15 plagioclase-porphyrific gabbro
- 14 gabbro

**ARCHEAN**

Intrusive rocks (Post-Florence Lake Greenstone Belt intrusions)

- 13 Kanairiktok Plutonic Suite: variably deformed granitoid intrusions of several ages (unsubdivided)
- 12 Adlatok gneiss: granitoid orthogneiss

Florence Lake Greenstone Belt

- 11 hornblende syenite
- 10 Knee Lake pluton: granite, granodiorite, quartz syenite
- 9 quartz wacke, conglomerate, pelitic and semi-pelitic schist
- 8a pelite and wacke
- 8b pelite and wacke equivalent to Unit 8a interbedded with abundant layers of ultramafic schist equivalent to Unit 3
- 7 mafic to intermediate volcanic rocks, and lesser amounts of felsic rocks, ultramafic schists, and sedimentary schists
- 6 felsic to intermediate volcanic rocks
- 5a felsic volcanic rocks, quartz +/- feldspar porphyry, quartzfeldspathic schist
- 5b felsic volcanic rocks equivalent to Unit 5a containing abundant layers of ultramafic schist equivalent to Unit 3
- 4 peridotite: variably serpentinized, isotropic to weakly foliated ultramafic rocks inferred to be derived from peridotite
- 3 ultramafic rocks
- 3a composite unit of ultramafic schists including talc schist, magnesite-rich rocks, felsic volcanic rocks, plagioclase-phyrific flows and mafic volcanic rocks, may also include minor amounts of peridotite equivalent to Unit 4 and sedimentary schists
- 3b ultramafic schist (mainly talc schist)
- 3c magnesite-rich rocks
- 3d plagioclase-phyrific flows
- 2 mafic volcanic rocks including massive, layered and pillowed flows, amphibolite of uncertain protolith, gabbro

Gneissic rocks (Pre-Florence Lake Greenstone Belt gneisses)

- 1 Maggo Gneiss: granitoid orthogneiss

	BEDDING top: unknown, known, overturned		L-FABRIC mineral elongation lineation
	PILLOW top: unknown, known, overturned		INTERSECTION LINEATION
	FOLIATION generation: 1st, 2nd, 3rd		FOLD AXIS
	SHEAR ZONE		Z FOLD
	GNEISSOSITY		S FOLD
	MAFIC DYKE (attitude)		U FOLD
	MASSIVE or no structural data		