



GEOLOGY OF THE FLORENCE LAKE GREENSTONE BELT,  
HOPEDALE BLOCK, NAIN PROVINCE, EASTERN LABRADOR  
(PARTS OF NTS AREAS 13K/10 AND 13K/15).

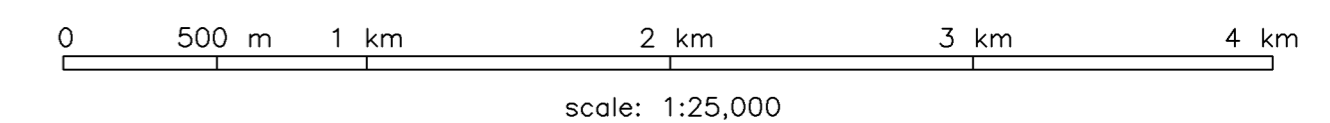
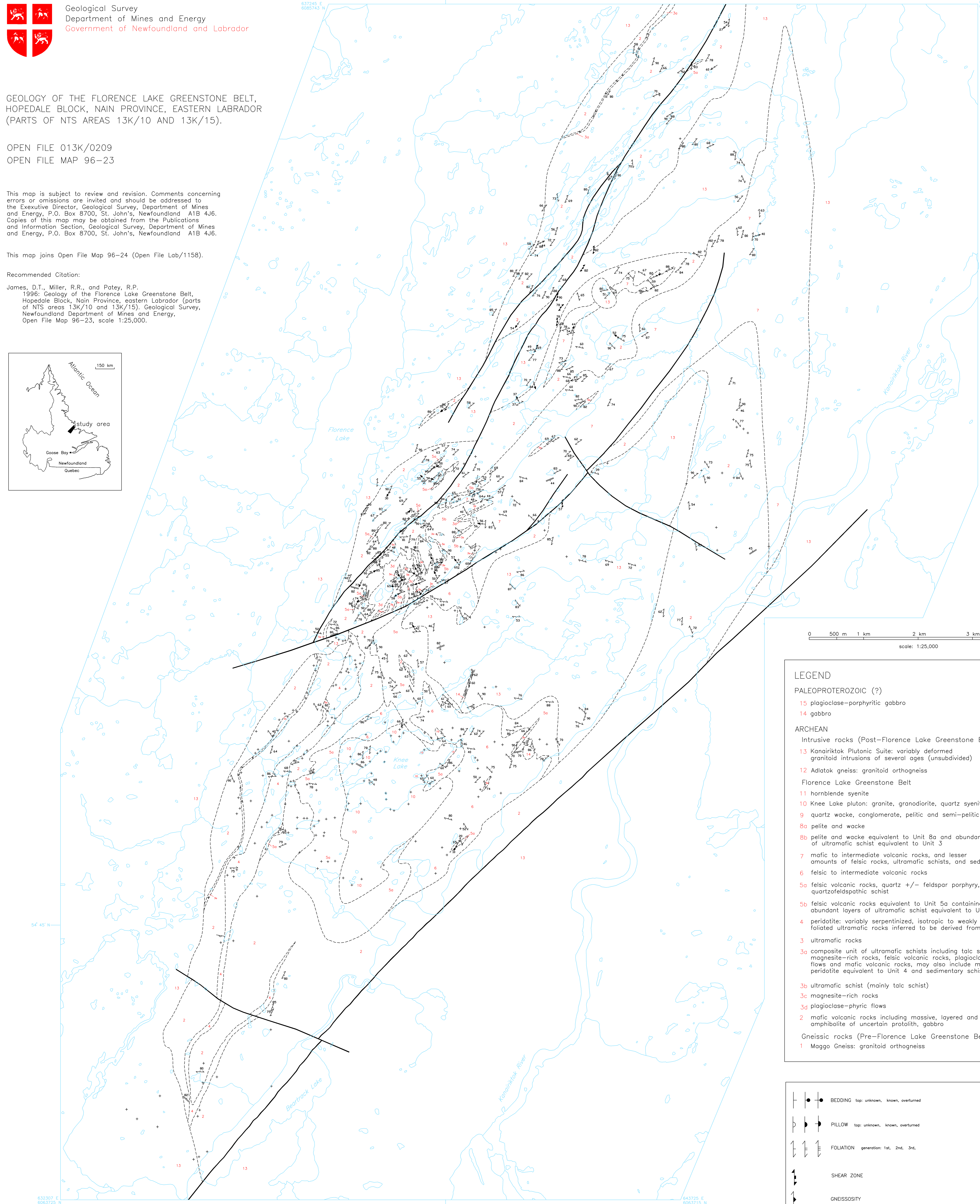
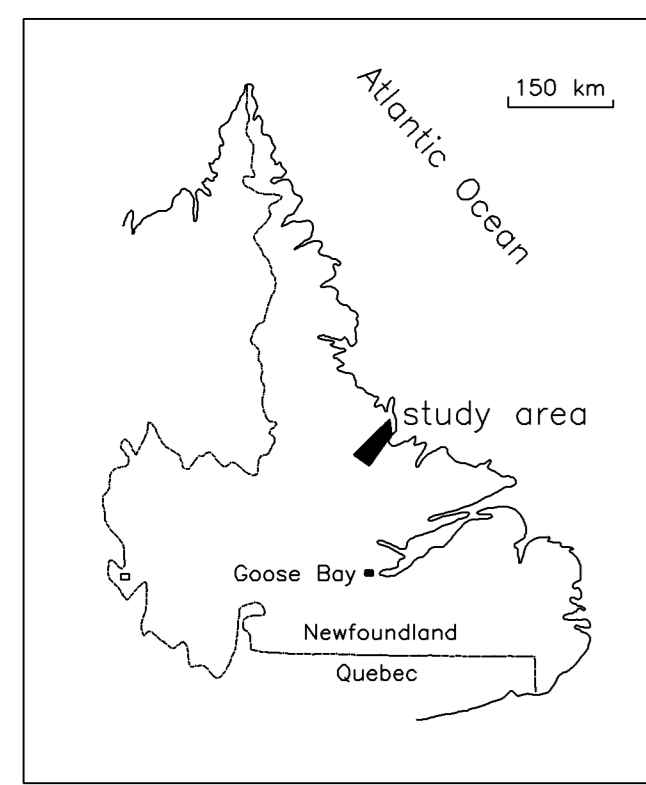
OPEN FILE 013K/0209  
OPEN FILE MAP 96-23

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 96-23, scale 1:25,000.



LEGEND	
<b>PALEOPROTEROZOIC (?)</b>	
15	plagioclase-porphyritic gabbro
14	gabbro
<b>ARCHEAN</b>	
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 and 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, quartzofeldspathic 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-phyric 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-phyric 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		