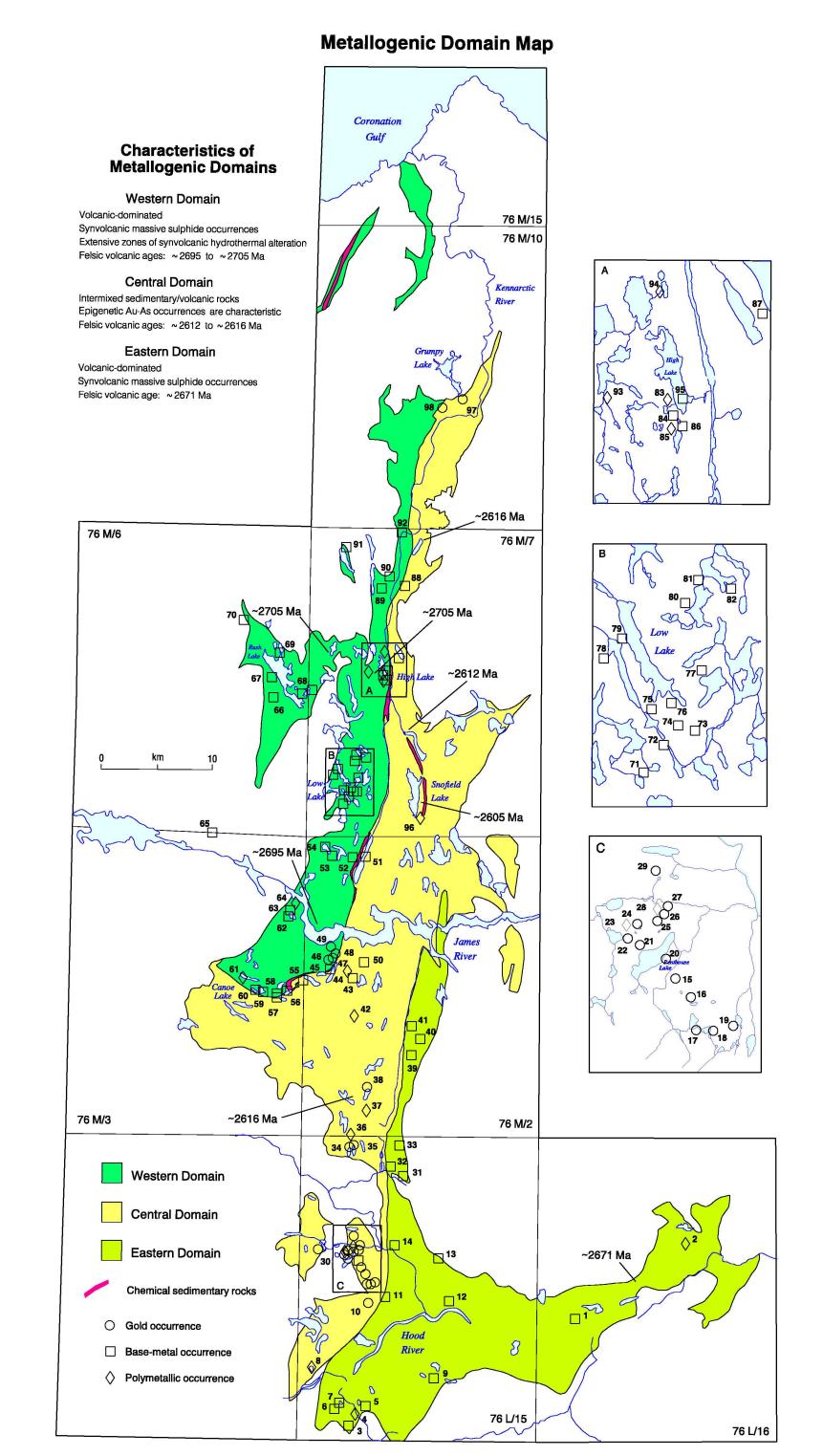
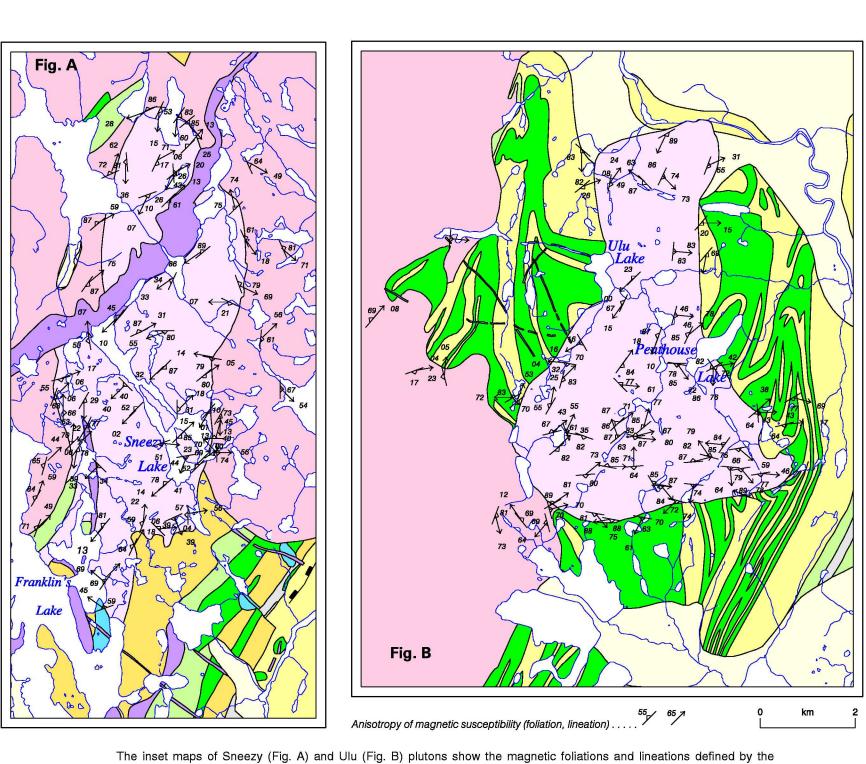
Universal Transverse Mercator Projection Projection transverse universelle de Mercator

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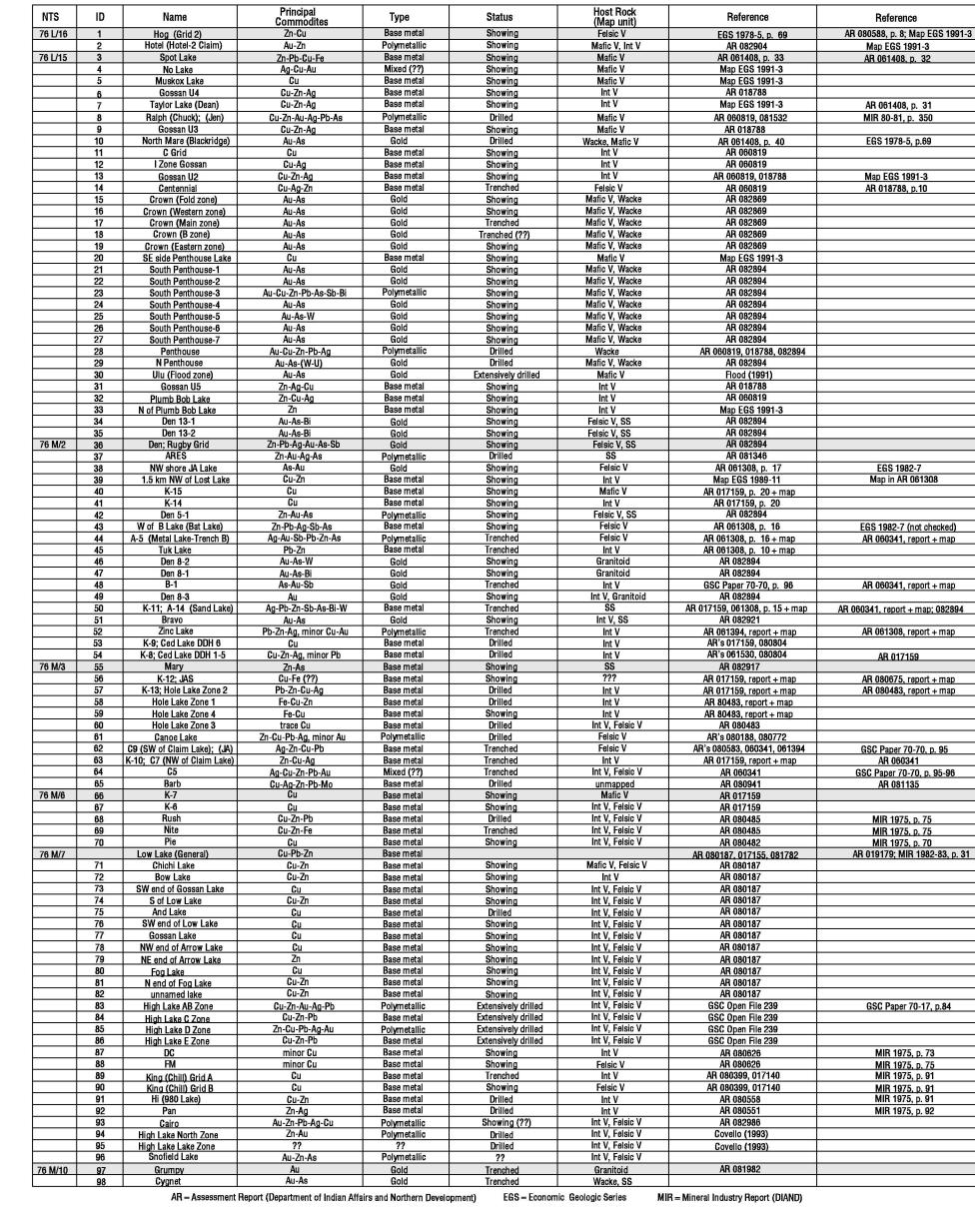




anisotropy of magnetic susceptibility (AMS). AMS is a very useful tool for measuring fabrics in rocks with very low anisotropies, where the fabrics are not visible (see reviews in Borradaile, 1988, and Rochette et al., 1992). The AMS fabric in a rock can be controlled by the shape preferred orientation of ferrimagnetic minerals such as magnetite, and the crystallographic preferred orientation of paramagnetic minerals such as chlorite, biotite and muscovite. In the case of the Sneezy and Ulu plutons, muscovite and biotite control the AMS fabric. The fabric formed during the emplacement of the plutons and represents a partial overprinting of a magmatic flow fabric by high temperature, submagmatic solid-state deformation. This deformation outlasted the cooling of the plutons.

			Age o	f detrital	grains				
Volcanic clastic rock 110°57'06" W 67°02'49" N			Greywacke 110°45′12″ W 67°16′16″ N				Greywacke 110°41′45″ W 67°15′13″ N		
Sample number	Age	+/-	Sample number	Age	+/-		Sample number	Age	+/-
1	2615	2	2	2672	13		3	2676	9
	2605	12		2695	3			2664	2
	2666	3		2677	1			2714	7
	2658	2		2718	5			2718	7
	2608	4		3001	8			2795	2
	2607	4		2694	1			2686	11
	2618	2		2786	2			2688	5
	2636	54		2731	2			2717	7
				2720	8			2689	3

Mineral Occurrences of the High Lake Greenstone Belt





Geology by J.R. Henderson, M.N. Henderson, J.A. Kerswill, and J.F. Dehls, 1992, 1993 and 1994

Digital cartography by Geoscience Information Division Electrostatic plot produced by Geoscience Information Division

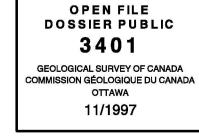
Any revisions or additional geological information known to the user would be welcomed by Geological Survey of Canada

Digital base map from data compiled by Geomatics Canada, modified by Geoscience Information Division

Copies of topographic maps for this area may be obtained from Canada Map Office, Natural Resources Canada, Ottawa, Ontario, K1A 0E9 Proximity of the North Magnetic Pole causes the magnetic

Mean magnetic declination 1997, 27°23'E, decreasing 25.9' annually. Readings vary from 26°12'E in the SE corner to 28°42'E in the NW corner of the map

compass to be erratic in this area



76 M/4 76 M/3 76 M/2 76 M/1 76 N

76 L/13 76 L/14 76 L/15 76 L/16 76 K/13

QF 3401 76 L/12 | 76 L/11 | 76 L/10 | 76 L/9 | 76 K/12

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE

of Canada, Open File 3401, scale 1:100 000

LOCATION MAP