

REPOSITORY DATA

Unit	Age	Ix	Io	ENT	Reference
Plutons, Howe Sound	~90	74.9	$65.2 \pm 9.2^\circ$	1600 km	Symons 1973
Twin Sisters Dunite	~70	71.0	59.5 ± 5.5	1700	Beck 1975
Plutons, Prince Rupert	70	77.4	67.0 ± 8.3	1800	Symons 1977a
Banks & Stephens Plutons	110	77.4	58.0 ± 5.5	3050	Symons 1977b
Mt Stuart Batholith, restudy	90	72.9	45.5 ± 2.7	3450	Beck et al 1981
Tilt-corrected results for above	90	72.9	49.4 ± 4.6	3250	Ague & Brandon 1996
Spuzzum & Porteau Plutons	100	74.2	56.7 ± 4.8	2600	Irving et al 1985
Carmacks Volcanics	70	78.8	71.4 ± 3.7	1350	Marquis & Globerman 1988
Spences Bridge Volcanics	105	74.1	63.9 ± 4.2	1650	Irving & Thorkelson 1990
Restudy of above	105	74.1	67.8 ± 5.0	1050	Irving et al 1995a
*Restudy of Porteau Pluton-u	100	74.9	50.8 ± 3.6	3200	Irving et al 1995b
*Restudy of Porteau Pluton-l	100	74.9	62.5 ± 3.4	1900	Irving et al 1995b
Mt. Tatlow syncline	95	72.7	55.4 ± 2.7	2450	Wynne et al 1995
Ultramafic rocks, Duke Island	90	78.6	56 ± 7.8	3500	Bogue et al 1995
Nanaimo Group	80	71.6	42.5 ± 7.9	3550	Ward et al 1997
Carmacks Volcanics, restudy	70	78.8	69.3 ± 6.1	1700	Wynne et al 1998

Ix and Io are "expected" and observed inclinations, respectively. Confidence limits on Io are at the 95% probability level. Expected inclinations are calculated from reference poles for stable North America, specifically Van Fossen and Kent (1991) and Gunderson and Sheriff (1991). 95% confidence limits on these poles are 3.7° and 6.8° , respectively. ENT is the best estimate of northward transport, rounded to nearest 50 km, based on the inclination data. * Irving et al (1995b) describe two scenarios involving tilt of the batholith. -u and -l give the upper and lower limits of northward displacement, respectively.

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