

Known Ages	Terrane, Sample Location, rock type	Sample No.	Mount No	SHRIMP dates	K/Ar	Table	Stats	Hist	Desc	Age main pop(s)	n total=	n used=	n exclude =	Comments
none	Waipapa Terrane, Koroitiko, Torlesse-type greywacke	R19379 = CJA:SPET1	96-76A	11-1/2/5 & 2-3/11/97	March'98	Yes	Yes	Yes	Yes		89	82	6x[1] & 1x[2] = 7	Completed, ALES 2000
Triassic	Var of Torlesse, Wallington,	R17017 = CJA:NGQ2	96-76B	16/5 & 12-13/8 & 2-3/11/97	March'98	Yes	Yes	Yes	Yes		87	80	7x[2] = 7	Completed, ALES 2000
Triassic fossil location		R20189 = CJA:RBW1	96-76C	12/5 & 12-13/8/97	March'98	Yes	Yes	Yes	Yes		89	83	60x[2] = 6	Completed, ALES 2000
Permian	Torlesse Terrane, Pareora Gorge,	R19496 = CJA:PAR22	96-77A	25-26/4, 28-29/8 & 29-30/9/97	March'98	Yes	Yes	Yes	Yes		83	80	3x[2] = 3	Completed, ALES 2000
possible Carboniferous	77 Torlesse Terrane, Akatarawa Inlier, Waitaki River,	R20025 = CJA:TKA10	96-77B	7-8/4 & 29-30/9/97	March'98	Yes	Yes	Yes	Yes		56	53	3x[1] & 7x[2] = 10	Completed, ALES 2000
Jurassic	Waipapa Terrane, Moutapo Island, typ Waipapa greywacke	R20040 = CJA:ADMX2	96-77C	25-26 & 29-30/9/97	March'98	Yes	Yes	Yes	Yes		96	93	1x[1] & 2x[2] = 3	Completed, ALES 2000
probable Permian inlier	Torlesse Terrane, Kakahu River	R19483 = CJA:KAK35	96-81A	2-3/5/97	March'98	Yes	Yes	Yes	Yes		74	58	9x[1] & 7x[2] = 16	Completed, ALES 2000
Triassic fossil location	Torlesse Terrane, Pudding Hill Stream,	R19002 = CJA:PUJ1	96-81B	6-7/5/97	March'98	Yes	Yes	Yes	Yes		80	57	6x[1] & 7x[2] = 23	Completed, ALES 2000
probable Jurassic	Waipapa Terrane, Bay of Islands, Torlesse-type greywacke	R20847 = CJA:BOIX31	97-18A	17-18/10/97	March'98	Yes	Yes	Yes	Yes		96	94	1x[1] & 1x[2] = 2	Completed, ALES 2000
none	Waipapa Terrane, Blumline Island, typical Waipapa greywacke	R12960 (R19260 cor) = CJA:BLU8f	97-18B	7-8 & 13-14/10/97	March'98	Yes	Yes	Yes	Yes		83	82	1x[1] = 1	Completed, ALES 2000
Devonian	Takaka Terrane, Baton River, sandstone	R20893 = CJA:BRX14	97-18C	7-8/10/97	March'98	Yes	Yes	Yes	Yes		97			NB: need to SHRIMP 6 or so spots to check youngest result
Cretaceous	Pahau Subterrane N. Isl, Cape Palliser, sandstone	R21180 = CJA:CPD2	98-69A	9/1 & 17-18/1/99	Jan'99	Yes	Yes	Yes	Yes		54	43	1x[1] & 10 [2] = 11	Completed, ALES 2000
Jurassic	Pahau Subterrane S. Isl, Hundalees (Marborough), sandst	R21286 = CJA:HUN4	98-69B	24-25/10/98	Oct'98	Yes	Yes	Yes	Yes		100	95	1x[1] & 4x[2] = 5	Completed, ALES 2000

Rules for exclusion

- [1] Data with 4t206 corrections (ie high common Pb corrections) higher than 3%
- [2] Where 7/6 age is used, exclude data outside 2 σ , and/or are <90% concordant (particularly for Precambrian data)
- [3] Geologically unreasonable ages
- [4] High U (≥ 1000 ppm), unless 207/206 and 206/238 ages correspond