Appendix C of:

Pattison, D.R.M, Chacko, T., Farquhar, J. & McFarlane, C.R.M. (2003) Temperatures of granulite facies metamorphism: constraints from experimental phase equilibria and thermobarometry corrected for retrograde exchange.
Journal of Petrology.

SUMMARY OF MINERAL COMPOSITIONS AND P-T RESULTS, ARRANGED BY TERRAIN

A - aluminous granulite Grt+Opx+Pl+Qtz ±Bt±Kfs with some of Crd, Als, Spl, Spr, Crn, Os
I - intermediate granulite Grt+Opx+Pl+Qtz ±Bt±Kfs
M - mafic granulite Grt+Opx+Pl+Qtz ±Bt±Kfs with either or both of Hbl, Cpx
C - contact; R - regional
IC = incipient charnockite

Author's P-Testimates are averages of ranges reported, and in some cases span a wide range of actual P-T in the terrain concerned.

XAlOpx = Al cations (for a 6-oxygen formula) / 4 (putting the values into a form suitable for the 3-oxygen Opx used by Aranovich & Berman (Am Min 1997))

								Authors' estimated						Point A in Fig. 3		Point B in Fig. 3		Point C in Fig. 3							
Terrain	Reference(s)	Samples	No.	C or R	A/I/M	Assemblage			XCaGrt	M/FM Grt	M/FMOpx	XAlOpx			T GrtOp / P GOPQ	P GOPQ / T GrtOpx	T FeAl / P GOPQ	P GOPQ / T FeAl	T rclc / P rclc	P rclc / T rclc	T FeAl - T Grtopx	P FeAl - P GrtOpx	T rclc - P FeAl	P rclc - T Grtopx	T rclc - P GrtOpx	T rclc - T auth	P rclc - P auth
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	AS3		R	M	GrtOpxCpxHblPl±Bt			0.192	0.270	0.479	0.018	998	11.06	867	9.08	786	9.24	-131	-1.98	-81	0.16	-212	-1.82		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	BM13		R	M	GrtOpxCpxHblPl±Bt			0.231	0.041	0.158	0.005	772	8.07	833	9.17	837	9.19	61	1.10	4	0.02	65	1.12		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	BM2		R	M	GrtOpxCpxHblPl±Bt			0.201	0.087	0.247	0.007	836	8.48	839	8.52	839	8.51	3	0.04	0	-0.01	3	0.03		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	ET1		R	M	GrtOpxCpxHblPl±Bt			0.188	0.228	0.451	0.013	932	11.32	814	9.27	777	9.09	-118	-2.05	-37	-0.18	-155	-2.23		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	ET15		R	M	GrtOpxCpxHblPl±Bt			0.206	0.130	0.324	0.010	873	10.25	892	10.60	896	10.61	19	0.35	4	0.01	23	0.36		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	ET24		R	M	GrtOpxCpxHblPl±Bt			0.197	0.220	0.462	0.010	884	10.57	762	8.48	722	8.31	-122	-2.09	-40	-0.17	-162	-2.26		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	IN11		R	M	GrtOpxCpxHblPl±Bt			0.217	0.068	0.199	0.005	854	10.36	847	10.18	846	10.16	-7	-0.18	-1	-0.02	-8	-0.20		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	N3		R	M	GrtOpxCpxHblPl±Bt			0.183	0.291	0.505	0.018	993	12.09	863	9.93	815	9.76	-130	-2.16	-48	-0.17	-178	-2.33		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	S15		R	M	GrtOpxCpxHblPl±Bt			0.193	0.267	0.469	0.020	1034	12.20	929	10.47	895	10.35	-105	-1.73	-34	-0.12	-139	-1.85		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	SR29		R	M	GrtOpxCpxHblPl±Bt			0.224	0.032	0.097	0.005	917	10.27	828	8.41	824	8.38	-89	-1.86	-4	-0.03	-93	-1.89		
Adirondack Highlands, NY, USA	Bohlen/Essene 79, 80, 85	SR31		R	M	GrtOpxCpxHblPl±Bt			0.215	0.066	0.228	0.005	774	7.84	745	7.32	742	7.30	-29	-0.52	-3	-0.02	-32	-0.54		
Adirondack Highlands, NY, US/	**Bohlen/Essene 79, 80, 85**	**Average**	**11**	**R**	**M**		**775**	**7.5**	**0.204**	**0.155**	**0.329**	**0.011**	**897**	**10.23**	**838**	**9.22**	**816**	**9.17**	**-59**	**-1.01**	**-22**	**-0.05**	**-81**	**-1.06**	**41**	**1.67**
		Standard deviation							***0.016***	***0.101***	***0.149***	***0.006***	***88***	***1.51***	***53***	***1.01***	***56***	***1.19***	***70***	***1.19***	***28***	***0.10***	***94***	***1.24***		
Adirondack Lowlands, NY	**Edwards & Essene, 88**	**RS-34**	**1**	**R**	**I**	**GrtOpxBtPlQtz**	**740**	**7.0**	**0.017**	**0.368**	**0.579**	**0.043**	**788**	**8.47**	**816**	**8.88**	**820**	**8.98**	**28**	**0.41**	**4**	**0.10**	**32**	**0.51**	**80**	**1.98**
Agto, W Greenland	Glassley & Sorensen 80	88589		R	M	GrtOpxCpxHblBt(Qtz)Pl			0.185	0.244	0.543	0.010	727	8.28	708	7.99	699	7.96	-19	-0.29	-9	-0.03	-28	-0.32		
Agto, W Greenland	Glassley & Sorensen 80	91154		R	M	GrtOpxCpxHblBtPl			0.198	0.199	0.501	0.010	704	7.60	741	8.19	752	8.24	37	0.59	11	0.05	48	0.64		
Agto, W Greenland	Glassley & Sorensen 80	91156		R	M	GrtOpxCpxHblBtPl			0.193	0.220	0.512	0.010	738	8.36	742	8.42	736	8.46	4	0.06	-6	0.04	-2	0.10		
Agto, W Greenland	**Glassley & Sorensen 80**	**Average**	**3**	**R**	**M**		**870**	**10.0**	**0.192**	**0.221**	**0.519**	**0.010**	**723**	**8.08**	**730**	**8.20**	**729**	**8.22**	**7**	**0.12**	**-1**	**0.02**	**6**	**0.14**	**-141**	**-1.78**
		Standard deviation							***0.007***	***0.023***	***0.022***	***0.000***	***17***	***0.42***	***19***	***0.22***	***27***	***0.25***	***28***	***0.44***	***11***	***0.04***	***39***	***0.48***		
Akia, W Greenland	Griffin et al., 1980	152735		R	M	GrtOpxCpxPlHblQtz			0.186	0.185	0.496	0.007	670	8.18	671	8.20	671	8.19	1	0.02	0	-0.01	1	0.01		
Akia, W Greenland	Griffin et al., 1980	152733		R	M	GrtOpxCpxPlHblQtz			0.190	0.140	0.394	0.006	732	8.34	704	7.85	697	7.81	-28	-0.49	-7	-0.04	-35	-0.53		
Akia, W Greenland	Griffin et al., 1980	152765		R	M	GrtOpxCpxPlHblQtz			0.189	0.228	0.483	0.012	828	10.57	785	9.79	768	9.69	-43	-0.78	-17	-0.10	-60	-0.88		
Akia, W Greenland	**Griffin et al., 1980**	**Average**	**3**	**R**	**M**		**665**	**9.0**	**0.188**	**0.184**	**0.458**	**0.008**	**743**	**9.03**	**720**	**8.61**	**712**	**8.56**	**-23**	**-0.42**	**-8**	**-0.05**	**-31**	**-0.47**	**47**	**-0.44**
		Standard deviation							***0.002***	***0.044***	***0.056***	***0.003***	***80***	***1.34***	***59***	***1.03***	***50***	***0.99***	***22***	***0.41***	***9***	***0.05***	***31***	***0.45***		
Akia, W Greenland	Riciputi et al 90	266935		R	I	GrtOpxBtPlQtz			0.071	0.249	0.484	0.034	750	7.12	867	8.92	909	9.05	117	1.80	42	0.13	159	1.93		
Akia, W Greenland	Riciputi et al 90	341925		R	I	GrtOpxBtPlQtz			0.056	0.357	0.587	0.052	760	6.95	876	8.49	930	8.50	116	1.54	54	0.01	170	1.55		
Akia, W Greenland	Riciputi et al 90	341965		R	I	GrtOpxBtPlQtz			0.101	0.284	0.550	0.038	721	7.13	856	8.96	903	9.15	135	1.83	47	0.19	182	2.02		
Akia, W Greenland	**Riciputi et al 90**	**Average**	**3**	**R**	**I**		**800**	**7.9**	**0.076**	**0.297**	**0.540**	**0.041**	**744**	**7.07**	**866**	**8.79**	**914**	**8.90**	**123**	**1.72**	**48**	**0.11**	**170**	**1.83**	**114**	**1.00**
		Standard deviation							***0.023***	***0.055***	***0.052***	***0.009***	***20***	***0.10***	***10***	***0.26***	***14***	***0.35***	***11***	***0.16***	***6***	***0.09***	***12***	***0.25***		
Arendal, Norway	Lamb & Smalley 85?	B750		R	M	GrtOpxCpxHblPl?Qtz?			0.188	0.209	0.442	0.013	878	9.42	783	7.93	756	7.83	-95	-1.49	-27	-0.10	-122	-1.59		
Arendal, Norway	Lamb & Smalley 85?	C7652		R	M	GrtOpxCpxHblPl?Qtz?			0.201	0.149	0.373	0.010	833	8.46	793	7.84	780	7.83	-40	-0.62	-13	-0.01	-53	-0.63		
Arendal, Norway	Lamb & Smalley 85?	C814		R	M	GrtOpxHblPl?Qtz?			0.182	0.211	0.477	0.015	783	8.38	802	8.67	808	8.68	19	0.29	6	0.01	25	0.30		
Arendal, Norway	Lamb & Smalley 85?	C815		R	M	GrtOpxCpxHblPl?Qtz?			0.193	0.216	0.474	0.015	818	8.85	813	8.78	811	8.77	-5	-0.07	-2	-0.01	-7	-0.08		
Arendal, Norway	Lamb & Smalley 85?	D714		R	M	GrtOpxCpxHblPl?Qtz?			0.191	0.249	0.518	0.015	811	9.13	792	8.84	782	8.82	-19	-0.29	-10	-0.02	-29	-0.31		
Arendal, Norway	Lamb & Smalley 85?	D7606		R	M	GrtOpxHblPl?Qtz?			0.092	0.340	0.596	0.027	742	8.11	778	8.65	798	8.66	36	0.54	20	0.01	56	0.55		
Arendal, Norway	**Lamb & Smalley 85?**	**Average**	**6**	**R**	**M**		**800**	**7.3**	**0.175**	**0.229**	**0.480**	**0.016**	**811**	**8.73**	**794**	**8.45**	**789**	**8.43**	**-17**	**-0.27**	**-4**	**-0.02**	**-22**	**-0.29**	**-11**	**1.13**
		Standard deviation							***0.041***	***0.063***	***0.075***	***0.006***	***46***	***0.50***	***13***	***0.45***	***21***	***0.47***	***47***	***0.72***	***16***	***0.04***	***62***	***0.76***		
Ashuanipi, Quebec	Percival 91	27		R	I	GrtOpxBtPlKfs			0.032	0.379	0.602	0.063	749	6.81	890	8.67	935	8.97	141	1.86	45	0.30	186	2.16		
Ashuanipi, Quebec	Percival 91	47		R	I	GrtOpxBtPlKfs			0.031	0.387	0.597	0.065	785	6.73	877	7.89	898	8.17	92	1.16	21	0.28	113	1.44		
Ashuanipi, Quebec	Percival 91	96		R	I	GrtOpxBtPlKfs			0.034	0.329	0.550	0.060	753	6.11	890	7.89	934	8.13	137	1.78	44	0.24	181	2.02		
Ashuanipi, Quebec	Percival 91	98		R	I	GrtOpxBtPlKfs			0.034	0.298	0.552	0.050	667	4.96	817	6.86	878	6.97	150	1.90	61	0.11	211	2.01		
Ashuanipi, Quebec	Percival 91	142		R	I	GrtOpxBtPlKfs			0.037	0.281	0.568	0.043	603	4.97	799	7.64	865	8.06	196	2.67	66	0.42	262	3.09		
Ashuanipi, Quebec	Percival 91	152		R	I	GrtOpxBtPlKfs			0.043	0.269	0.554	0.052	606	5.38	876	9.30	961	10.09	270	3.92	85	0.79	355	4.71		
Ashuanipi, Quebec	Percival 91	216		R	I	GrtOpxBtPlKfs			0.037	0.299	0.541	0.045	707	5.47	797	6.61	808	6.98	90	1.14	11	0.37	101	1.51		
Ashuanipi, Quebec	Percival 91	262		R	I	GrtOpxBtPlKfs			0.026	0.313	0.538	0.050	740	5.96	829	7.12	842	7.45	89	1.16	13	0.33	102	1.49		
Ashuanipi, Quebec	Percival 91	266		R	I	GrtOpxBtPl			0.039	0.270	0.520	0.047	678	4.87	812	6.56	850	6.84	134	1.69	38	0.28	172	1.97		
Ashuanipi, Quebec	Percival 91	347		R	I	GrtOpxBtPlKfs			0.046	0.195	0.457	0.035	626	4.43	796	6.79	838	7.17	170	2.36	42	0.38	212	2.74		
Ashuanipi, Quebec	**Percival 91**	**Average**	**10**	**R**	**I**		**770**	**6.0**	**0.036**	**0.302**	**0.548**	**0.051**	**691**	**5.18**	**838**	**7.34**	**881**	**7.77**	**147**	**2.16**	**43**	**0.43**	**190**	**2.59**	**111**	**1.77**
		Standard deviation							***0.006***	***0.056***	***0.041***	***0.009***	***66***	***0.81***	***40***	***0.92***	***50***	***1.04***	***56***	***0.85***	***24***	***0.18***	***78***	***1.00***		

Bahai, Brazil	**Ackermand et al., 1987**	**car-19**	**1**	**R**	**A**	**GrtOpxCrdSilBtPlKfsQtz**	**735**	**6.0**	**0.086**	**0.178**	**0.440**	**0.023**	**652**	**4.76**	**771**	**6.34**	**788**	**6.64**	**119**	**1.58**	**17**	**0.30**	**136**	**1.88**	**53**	**0.64**
Ballachulish aureole, Scotland	Pattison 91,unpub	D568-1		C	A	GrtOpxCrdBtPlKfs			0.032	0.189	0.347	0.032	850	3.53	832	3.35	822	3.49	-18	-0.18	-10	0.14	-28	-0.04		
Ballachulish aureole, Scotland	Pattison 91,unpub	D568-2		C	A	GrtOpxCrdBtPlKfs			0.033	0.178	0.356	0.038	772	2.76	830	3.36	838	3.43	58	0.60	8	0.07	66	0.67		
Ballachulish aureole, Scotland	**Pattison 91,unpub**	**Average**	**2**	**C**	**A**		**800**	**3.0**	**0.033**	**0.184**	**0.352**	**0.035**	**811**	**3.15**	**831**	**3.36**	**830**	**3.46**	**20**	**0.21**	**-1**	**0.11**	**19**	**0.32**	**30**	**0.46**
		Standard deviation							***0.001***	***0.008***	***0.006***	***0.004***	***55***	***0.54***	***1***	***0.01***	***11***	***0.04***	***54***	***0.55***	***13***	***0.05***	***66***	***0.50***		
Bengal Anorthosite, E India	Bhattacharya & Mukherj	sm-4b		R	M				0.218	0.176	0.431	0.010	800	8.25	764	7.68	752	7.64	-36	-0.57	-12	-0.04	-48	-0.61		
Bengal Anorthosite, E India	Bhattacharya & Mukherj	sm-44b		R	M				0.216	0.176	0.426	0.007	820	8.50	722	6.99	694	6.93	-98	-1.51	-28	-0.06	-126	-1.57		
Bengal Anorthosite, E India	**Bhattacharya & Mukhe**	**Average**	**2**	**R**	**M**		**700**	**6.3**	**0.217**	**0.176**	**0.429**	**0.009**	**810**	**8.38**	**743**	**7.34**	**723**	**7.29**	**-67**	**-1.04**	**-20**	**-0.05**	**-87**	**-1.09**	**23**	**0.99**
		Standard deviation							***0.001***	***0.000***	***0.004***	***0.002***	***14***	***0.18***	***30***	***0.49***	***41***	***0.50***	***44***	***0.66***	***11***	***0.01***	***55***	***0.68***		
Cone Peak, Santa Lucia Range, C/	Hansen & Stuk 93	82g4t		R	M	GrtOpxCpxHblBtPlQtzKfs(antiperth)			0.187	0.209	0.417	0.018	951	11.18	916	10.58	907	10.51	-35	-0.60	-9	-0.07	-44	-0.67		
Cone Peak, Santa Lucia Range, C/	Hansen & Stuk 93	87g2		R	M	GrtOpxCpxHblBtPlQtzKfs(antiperth)			0.205	0.166	0.444	0.015	739	8.48	875	10.91	926	11.07	136	2.43	51	0.16	187	2.59		
Cone Peak, Santa Lucia Range, C/	Hansen & Stuk 93	87g3		R	M	GrtOpxCpxHblBtPlQtzKfs(antiperth)			0.190	0.197	0.444	0.015	843	10.23	880	10.90	896	10.91	37	0.67	16	0.01	53	0.68		
Cone Peak, Santa Lucia Range, C/	Hansen & Stuk 93	87g4		R	M	GrtOpxCpxHblBtPlQtzKfs(antiperth)			0.182	0.178	0.395	0.010	880	9.68	779	7.99	757	7.87	-101	-1.69	-22	-0.12	-123	-1.81		
Cone Peak, Santa Lucia Range, C/	Hansen & Stuk 93	H-2a		R	M	GrtOpxCpxHblBtPlQtzKfs(antiperth)			0.190	0.191	0.418	0.015	873	9.65	858	9.41	853	9.38	-15	-0.24	-5	-0.03	-20	-0.27		
Cone Peak, Santa Lucia Range, C/	Hansen & Stuk 93	H-3		R	M	GrtOpxCpxHblBtPlQtzKfs(antiperth)			0.190	0.197	0.431	0.010	863	9.68	756	7.90	733	7.73	-107	-1.78	-23	-0.17	-130	-1.95		
Cone Peak, Santa Lucia Range,	**Hansen & Stuk 93**	**Average**	**6**	**R**	**M**		**725**	**7.3**	**0.191**	**0.190**	**0.425**	**0.014**	**858**	**9.82**	**844**	**9.62**	**845**	**9.58**	**-14**	**-0.20**	**1**	**-0.04**	**-13**	**-0.24**	**120**	**2.33**
		Standard deviation							***0.008***	***0.015***	***0.019***	***0.003***	***69***	***0.88***	***63***	***1.41***	***82***	***1.50***	***91***	***1.58***	***28***	***0.12***	***119***	***1.70***		
Dronning Maud Land, Antarcti	**Bucher-Nurminen & Ol**	**KBN-702**	**1**	**R**	**I**	**GrtOpxBtPlQtz**	**750**	**8.0**	**0.134**	**0.336**	**0.608**	**0.035**	**755**	**8.88**	**837**	**10.08**	**864**	**10.29**	**82**	**1.20**	**27**	**0.21**	**109**	**1.41**	**114**	**2.29**
Eifel, Germany	Loock et al. 1990	EIF-S1		R	M	GrtOpxCpxPlHbl			0.139	0.428	0.691	0.026	676	7.65	772	9.02	862	8.92	96	1.37	90	-0.10	186	1.27		
Eifel, Germany	Loock et al. 1990	EIF-S16		R	M	GrtOpxCpxPlHbl			0.157	0.485	0.737	0.038	741	10.41	798	11.24	839	11.27	57	0.83	41	0.03	98	0.86		
Eifel, Germany	Loock et al. 1990	EIF-S35		R	M	GrtOpxCpxPlHbl			0.184	0.319	0.575	0.022	859	10.43	849	10.28	844	10.26	-10	-0.15	-5	-0.02	-15	-0.17		
Eifel, Germany	Loock et al. 1990	EIF-S37		R	M	GrtOpxCpxPlHbl			0.161	0.451	0.715	0.026	745	10.10	751	10.20	754	10.18	6	0.10	3	-0.02	9	0.08		
Eifel, Germany	**Loock et al. 1990**	**Average**	**4**	**R**	**M**		**750**	**9.0**	**0.160**	**0.421**	**0.680**	**0.028**	**755**	**9.65**	**793**	**10.19**	**825**	**10.16**	**37**	**0.54**	**32**	**-0.03**	**70**	**0.51**	**75**	**1.16**
		Standard deviation							***0.019***	***0.072***	***0.072***	***0.007***	***76***	***1.34***	***42***	***0.91***	***48***	***0.96***	***48***	***0.69***	***43***	***0.05***	***92***	***0.67***		
Enderby Land, Antarctica	Harley 85	49659		R	I	GrtOpxPlQtz			0.013	0.530	0.718	0.095	763	8.22	912	10.13	996	10.11	149	1.91	84	-0.02	233	1.89		
Enderby Land, Antarctica	Harley 85	3411		R	I	GrtOpxPlKfsQtz			0.033	0.424	0.617	0.085	832	6.64	937	7.77	981	7.65	105	1.13	44	-0.12	149	1.01		
Enderby Land, Antarctica	Harley 85	3423		R	I	GrtOpxPlKfsQtz			0.050	0.305	0.510	0.040	863	8.69	875	8.87	879	8.87	12	0.18	4	0.00	16	0.18		
Enderby Land, Antarctica	Harley 85	3468		R	I	GrtOpxPlKfsQtz			0.043	0.463	0.676	0.075	763	7.37	878	8.66	939	8.51	115	1.29	61	-0.15	176	1.14		
Enderby Land, Antarctica	Harley 85	3532		R	I	GrtOpxPlKfsQtz			0.023	0.433	0.613	0.095	873	7.77	997	9.33	1047	9.31	124	1.56	50	-0.02	174	1.54		
Enderby Land, Antarctica	Harley 85	3552		R	I	GrtOpxPlKfsQtz			0.053	0.489	0.652	0.083	969	9.35	994	9.61	1004	9.60	25	0.26	10	-0.01	35	0.25		
Enderby Land, Antarctica	Harley 85	3597		R	I	GrtOpxPlKfsQtz			0.097	0.280	0.526	0.040	786	8.25	891	9.83	932	9.92	105	1.58	41	0.09	146	1.67		
Enderby Land, Antarctica	Harley 85	3964		R	I	GrtOpxBtPlKfsQtz			0.040	0.528	0.746	0.078	676	7.57	813	9.15	906	8.90	137	1.58	93	-0.25	230	1.33		
Enderby Land, Antarctica	Harley 85	3970		R	I	GrtOpxPlKfsQtz			0.057	0.413	0.632	0.050	806	8.35	846	8.88	865	8.88	40	0.53	19	0.00	59	0.53		
Enderby Land, Antarctica	Harley 85	3973		R	A	GrtOpxSilBtPlKfsQtz(2ndaryCrd)			0.027	0.551	0.758	0.070	686	8.07	789	9.42	861	9.36	103	1.35	72	-0.06	175	1.29		
Enderby Land, Antarctica	Harley 85	4003		R	I	GrtOpxPlKfsQtz			0.043	0.261	0.647	0.050	421	3.58	676	6.90	853	6.89	255	3.32	177	-0.01	432	3.31		
Enderby Land, Antarctica	Harley 85	4528		R	A	GrtOpxCrdPlKfsQtz			0.040	0.372	0.583	0.100	785	6.60	1004	9.13	1093	9.00	219	2.53	89	-0.13	308	2.40		
Enderby Land, Antarctica	Harley 85	4547		R	I	GrtOpxPlKfsQtz			0.030	0.457	0.652	0.083	811	7.33	917	8.58	967	8.52	106	1.25	50	-0.06	156	1.19		
Enderby Land, Antarctica	Harley 85	4549		R	I	GrtOpxPlQtz			0.030	0.481	0.680	0.095	775	7.22	928	8.98	1006	8.84	153	1.76	78	-0.14	231	1.62		
Enderby Land, Antarctica	Harley 85	4593		R	I	GrtOpxPlKfsQtz			0.027	0.469	0.690	0.083	709	7.60	882	9.91	982	9.92	173	2.31	100	0.01	273	2.32		
Enderby Land, Antarctica	Harley 85	4833		R	A	GrtOpxSaphBtPlQtz			0.027	0.438	0.743	0.108	475	5.31	761	8.14	985	7.04	286	2.83	224	-1.10	510	1.73		
Enderby Land, Antarctica	Harley 85	49382		R	I	GrtOpxPlKfsQtz			0.027	0.466	0.719	0.075	604	6.15	779	8.28	898	8.10	175	2.13	119	-0.18	294	1.95		
Enderby Land, Antarctica	Harley 85	49657		R	I	GrtOpxPlKfsQtz			0.017	0.525	0.737	0.070	686	7.39	786	8.66	852	8.59	100	1.27	66	-0.07	166	1.20		
Enderby Land, Antarctica	Harley 85	49734		R	I	GrtOpxBtPlKfsQtz			0.057	0.406	0.588	0.065	933	8.27	946	8.42	951	8.41	13	0.15	5	-0.01	18	0.14		
Enderby Land, Antarctica	Harley 85	49740		R	A	GrtOpxBtPlKfsQtz(Sp)			0.043	0.456	0.674	0.095	745	8.06	962	10.89	1078	10.88	217	2.83	116	-0.01	333	2.82		
Enderby Land, Antarctica	Harley 85	49748		R	I	GrtOpxPlKfsQtz			0.087	0.296	0.567	0.032	706	6.79	771	7.61	800	7.60	65	0.82	29	-0.01	94	0.81		
Enderby Land, Antarctica	Harley 85	49749		R	I	GrtOpxPlKfsQtz			0.063	0.377	0.620	0.065	736	7.46	898	9.50	978	9.45	162	2.04	80	-0.05	242	1.99		
Enderby Land, Antarctica	Harley 85	49891		R	A	GrtOpxPlQtz(earlySil)	925	8.5	0.037	0.522	0.694	0.087	872	8.57	943	9.39	977	9.34	71	0.82	34	-0.05	105	0.77		
Enderby Land - Forefinger Point,	Harley et al. 90	4648		R	A	GrtOpx KfsPlBtQtz			0.010	0.495	0.674	0.065	863	9.99	891	10.37	904	10.38	28	0.38	13	0.01	41	0.39		
Enderby Land - Forefinger Point,	Harley et al. 90	4652		R	A	GrtOpxSprBtPlKfs	950	10.0	0.023	0.577	0.731	0.090	870	7.22	884	7.35	892	7.33	14	0.13	8	-0.02	22	0.11		
Enderby Land - Forefinger Poin	**Harley et al. 90**	**Average**	**25**	**R**	**A**	**Opx+Sil & Spr assemblag**	**925**	**9.5**	**0.040**	**0.441**	**0.658**	**0.075**	**760**	**7.51**	**878**	**8.95**	**945**	**8.86**	**118**	**1.44**	**67**	**-0.09**	**185**	**1.34**	**-5**	**-1.14**
		Standard deviation							***0.021***	***0.086***	***0.068***	***0.020***	***127***	***1.28***	***83***	***0.96***	***74***	***1.03***	***76***	***0.91***	***54***	***0.22***	***128***	***0.85***		
English River, Man/Ont?	Perkins/Chipera 85	ID1683		R	I	GrtOpxPlBtKfs			0.030	0.332	0.559	0.040	734	5.17	765	5.56	779	5.56	31	0.39	14	0.00	45	0.39		
English River, Man/Ont?	Perkins/Chipera 85	G1A		R	I	GrtOpxPlBtKfs			0.073	0.217	0.469	0.020	671	4.68	751	5.76	780	5.81	80	1.08	29	0.05	109	1.13		
English River, Man/Ont?	Perkins/Chipera 85	G63B		R	I	GrtOpxPlBtKfs			0.067	0.292	0.615	0.025	557	5.06	708	6.93	790	6.79	151	1.87	82	-0.14	233	1.73		
English River, Man/Ont?	Perkins/Chipera 85	RW1283		R	I	GrtOpxPlBtKfs			0.030	0.326	0.554	0.047	732	5.34	809	6.31	842	6.32	77	0.97	33	0.01	110	0.98		
English River, Man/Ont?	Perkins/Chipera 85	BL1083		R	I	GrtOpxPlBtKfs			0.073	0.191	0.514	0.015	542	4.56	709	7.17	776	7.35	167	2.61	67	0.18	234	2.79		
English River, Man/Ont?	Perkins/Chipera 85	CL2283		R	I	GrtOpxPlBtKfs			0.045	0.252	0.531	0.043	608	4.17	799	6.67	883	6.76	191	2.50	84	0.09	275	2.59		
English River, Man/Ont?	Perkins/Chipera 85	HS1583		R	I	GrtOpxPlBtKfs			0.091	0.202	0.560	0.018	502	4.27	702	7.12	799	7.19	200	2.85	97	0.07	297	2.92		
English River, Man/Ont?	**Perkins/Chipera 85**	**Average**	**7**	**R**	**I**		**725**	**5.0**	**0.058**	**0.259**	**0.543**	**0.030**	**621**	**4.75**	**749**	**6.50**	**807**	**6.54**	**128**	**1.75**	**58**	**0.04**	**186**	**1.79**	**82**	**1.54**
		Standard deviation							***0.024***	***0.059***	***0.045***	***0.013***	***93***	***0.45***	***44***	***0.65***	***40***	***0.67***	***65***	***0.95***	***32***	***0.10***	***97***	***1.00***		
Fiordland, NZ	**Bradshaw, 89**	**51112**	**1**	**R**	**M**	**GrtOpxPlQtz±Cpx**			**0.190**	**0.413**	**0.675**	**0.020**	**846**	**14.05**	**814**	**13.43**	**798**	**13.21**	**-32**	**-0.62**	**-16**	**-0.22**	**-48**	**-0.84**		
Furua Complex, Tanzania	Coolen, 1980	1		R	M	GrtOpxCpxHblBtKfsPlQtz			0.155	0.408	0.648	0.026	866	11.79	829	11.17	802	11.09	-37	-0.62	-27	-0.08	-64	-0.70		
Furua Complex, Tanzania	Coolen, 1980	2		R	M	GrtOpxCpxHblBtKfsPlQtz			0.170	0.305	0.572	0.023	809	10.79	884	12.19	912	12.42	75	1.40	28	0.23	103	1.63		
Furua Complex, Tanzania	Coolen, 1980	4		R	M	GrtOpxCpxHblBtKfsPlQtz			0.175	0.312	0.574	0.026	834	10.52	879	11.30	905	11.34	45	0.78	26	0.04	71	0.82		
Furua Complex, Tanzania	Coolen, 1980	5		R	M	GrtOpxCpxHblBtKfsPlQtz			0.170	0.296	0.561	0.023	813	10.64	881	11.86	910	12.02	68	1.22	29	0.16	97	1.38		
Furua Complex, Tanzania	Coolen, 1980	6		R	M	GrtOpxCpxHblBtKfsPlQtz			0.168	0.321	0.567	0.024	867	11.66	912	12.50	936	12.58	45	0.84	24	0.08	69	0.92		
Furua Complex, Tanzania	Coolen, 1980	11		R	M	GrtOpxCpxHblBtKfsPlQtz			0.177	0.328	0.591	0.023	829	11.01	882	11.97	907	12.09	53	0.96	25	0.12	78	1.08		
Furua Complex, Tanzania	Coolen, 1980	22		R	M	GrtOpxCpxHblBtKfsPlQtz			0.174	0.335	0.579	0.028	886	12.17	954	13.44	983	13.62	68	1.27	29	0.18	97	1.45		
Furua Complex, Tanzania	Coolen, 1980	23		R	M	GrtOpxCpxHblBtPlQtz			0.159	0.398	0.614	0.023	963	13.24	851	11.29	784	11.04	-112	-1.95	-67	-0.25	-179	-2.20		
Furua Complex, Tanzania	Coolen, 1980	25		R	M	GrtOpxCpxHblBtKfsPlQtz			0.163	0.324	0.582	0.023	830	11.34	865	12.00	886	12.06	35	0.66	21	0.06	56	0.72		
Furua Complex, Tanzania	Coolen, 1980	26		R	M	GrtOpxCpxHblBtKfsPlQtz			0.164	0.342	0.593	0.022	856	12.25	875	12.64	883	12.68	19	0.39	8	0.04	27	0.43		
Furua Complex, Tanzania	Coolen, 1980	28		R	M	GrtOpxCpxHblBtKfsPlQtz			0.171	0.340	0.596	0.019	856	12.24	851	12.15	850	12.10	-5	-0.09	-1	-0.05	-6	-0.14		
Furua Complex, Tanzania	Coolen, 1980	33		R	M	GrtOpxHblBtKfsPlQtz			0.173	0.317	0.563	0.024	868	11.26	908	11.99	927	12.07	40	0.73	19	0.08	59	0.81		
Furua Complex, Tanzania	Coolen, 1980	49		R	M	GrtOpxCpxHblBtKfsPlQtz			0.164	0.318	0.599	0.020	779	11.65	816	12.40	834	12.51	37	0.75	18	0.11	55	0.86		
Furua Complex, Tanzania	Coolen, 1980	55		R	M	GrtOpxCpxHblBtKfsPlQtz			0.170	0.340	0.565	0.027	946	12.90	953	13.04	955	13.04	7	0.14	2	0.00	9	0.14		
Furua Complex, Tanzania	Coolen, 1980	91		R	M	GrtOpxCpxHblBtKfsPlQtz			0.174	0.328	0.588	0.025	848	11.84	907	12.95	941	13.08	59	1.11	34	0.13	93	1.24		
Furua Complex, Tanzania	Coolen, 1980	94		R	M	GrtOpxCpxHblBtPlQtz			0.171	0.334	0.604	0.028	800	11.04	913	13.14	976	13.47	113	2.10	63	0.33	176	2.43		
Furua Complex, Tanzania	**Coolen, 1980**	**Average**	**16**	**R**	**M**		**800**	**10.0**	**0.169**	**0.334**	**0.587**	**0.024**	**853**	**11.82**	**885**	**12.54**	**899**	**12.63**	**32**	**0.72**	**14**	**0.09**	**46**	**0.81**	**99**	**2.63**
		Standard deviation							***0.006***	***0.030***	***0.023***	***0.003***	***49***	***0.78***	***39***	***0.68***	***58***	***0.77***	***52***	***0.93***	***29***	***0.13***	***81***	***1.06***		
Ganguvarpatti, S India	Mohan & Windley 93	97-127		R	I	GrtOpxBtKfsPlQtz			0.110	0.342	0.531	0.050	973	10.43	1009	10.98	1020	11.03	36	0.55	11	0.05	47	0.60		
Ganguvarpatti, S India	Mohan & Windley 93	97125-40		R	A	GrtOpxSaphCrdBtPl?Kfs?			0.062	0.402	0.647	0.078	706	7.45	924	10.25	1045	10.22	218	2.80	121	-0.03	339	2.77		
Ganguvarpatti, S India	Mohan & Windley 93	97125-86		R	A	SplCrdOpxSaphBtPl?Kfs?			0.039	0.500	0.689	0.085	804	7.35	885	8.20	912	8.32	81	0.85	27	0.12	108	0.97		
Ganguvarpatti, S India	**Mohan & Windley 93**	**Average**	**3**	**R**	**A/I**		**800**	**8.0**	**0.070**	**0.415**	**0.622**	**0.071**	**828**	**8.41**	**939**	**9.81**	**992**	**9.86**	**112**	**1.40**	**53**	**0.05**	**165**	**1.45**	**192**	**1.86**

		Standard deviation							***0.036***	***0.080***	***0.082***	***0.019***	***135***	***1.75***	***63***	***1.44***	***71***	***1.39***	***95***	***1.22***	***59***	***0.08***	***154***	***1.16***						
Grenville province, Ontario	Anovitz & Essene, 90	BA-9A		R	M	GrtOpxCpxHblPlQtz			0.197	0.231	0.521	0.013	748	8.00	749	8.02	749	8.02	1	0.02	0	0.00	1	0.02						
Grenville province, Ontario	Anovitz & Essene, 90	83C6		R	M	GrtOpxCpxHblPlQtzKfs			0.189	0.138	0.398	0.007	703	9.08	807	11.22	837	11.43	104	2.14	30	0.21	134	2.35						
Grenville province, Ontario	Anovitz & Essene, 90	83C5		R	M	GrtOpxCpxHblBtPlQtzKfs			0.186	0.172	0.513	0.013	609	6.91	731	9.07	786	9.32	122	2.16	55	0.25	177	2.41						
Grenville province, Ontario	Anovitz & Essene, 90	83C70		R	M	GrtOpxCpxHblBtPlQtzKfs			0.179	0.242	0.545	0.013	722	8.67	735	8.90	741	8.90	13	0.23	6	0.00	19	0.23						
Grenville province, Ontario	Anovitz & Essene, 90	83C9		R	M	GrtOpxCpxBtPlPlQtzKfs			0.216	0.163	0.388	0.005	893	11.85	706	8.27	662	7.99	-187	-3.58	-44	-0.28	-231	-3.86						
Grenville province, Ontario	Anovitz & Essene, 90	85A12		R	M	GrtOpxCpxHblBtPlQtzKfs			0.199	0.142	0.386	0.005	785	10.02	686	8.12	662	7.95	-99	-1.90	-24	-0.17	-123	-2.07						
Grenville province, Ontario	Anovitz & Essene, 90	83C15		R	M	GrtOpxCpxHblBtPlQtzKfs			0.218	0.286	0.597	0.015	750	10.56	801	11.55	831	11.70	51	0.99	30	0.15	81	1.14						
Grenville province, Ontario	Anovitz & Essene, 90	83C19		R	M	GrtOpxCpxHblBtPlKfs			0.186	0.172	0.490	0.010	651	7.47	694	8.23	711	8.31	43	0.76	17	0.08	60	0.84						
Grenville province, Ontario	**Anovitz & Essene, 90**	**Average**	**8**	**R**	**M**		**750**	**8.0**	**0.196**	**0.193**	**0.480**	**0.010**	**733**	**9.07**	**739**	**9.17**	**747**	**9.20**	**6**	**0.10**	**9**	**0.03**	**15**	**0.13**	**-3**	**1.20**				
		Standard deviation							***0.014***	***0.053***	***0.080***	***0.004***	***86***	***1.66***	***46***	***1.42***	***68***	***1.54***	***103***	***1.97***	***32***	***0.18***	***134***	***2.15***						
Grenville province - Georgian Bay	Wodicka et al. 97	N131a		R	A	GrtOpxSilBtKfsPlQtz	930	12.5	0.026	0.529	0.727	0.068	743	8.90	847	10.40	901	10.58	104	1.50	54	0.18	158	1.68						
Grenville province - Georgian Bay	Wodicka et al. 97	N153c		R	M	GrtOpxHblPlQtz	650	6.0	0.192	0.318	0.624	0.023	731	9.27	792	10.26	831	10.34	61	0.99	39	0.08	100	1.07						
Grenville province - Georgian B	**Wodicka et al. 97**	**Average**	**2**	**R**	**A/M**		**900**	**11.0**	**0.109**	**0.424**	**0.676**	**0.046**	**737**	**9.09**	**820**	**10.33**	**866**	**10.46**	**83**	**1.25**	**47**	**0.13**	**129**	**1.38**	**-34**	**-0.54**				
		Standard deviation							***0.117***	***0.149***	***0.073***	***0.032***	***8***	***0.26***	***39***	***0.10***	***49***	***0.17***	***30***	***0.36***	***11***	***0.07***	***41***	***0.43***						
Grenville province - Huntsville, O	Pattison 91	Hu1-dark		R	M	GrtOpxCpxHblBtPerthQtz			0.174	0.246	0.538	0.015	732	8.08	737	8.17	739	8.16	5	0.09	2	-0.01	7	0.08						
Grenville province - Huntsville, O	Pattison 91	P2-6-2b-dark		R	M	GrtOpxCpxHblBtPerthQtz			0.192	0.298	0.568	0.018	828	10.02	773	9.15	740	9.06	-55	-0.87	-33	-0.09	-88	-0.96						
Grenville province - Huntsville, O	Pattison 91	Hu15a-dark		R	M	GrtOpxCpxHblBtPerthQtz			0.173	0.241	0.525	0.013	746	8.32	714	7.82	693	7.78	-32	-0.50	-21	-0.04	-53	-0.54						
Grenville province - Huntsville,	**Pattison 91**	**Average**	**3**	**R**	**M**	**Veins**	**700**	**8.0**	**0.180**	**0.262**	**0.544**	**0.015**	**769**	**8.81**	**741**	**8.38**	**724**	**8.33**	**-27**	**-0.43**	**-17**	**-0.05**	**-45**	**-0.47**	**24**	**0.33**				
		Standard deviation							***0.011***	***0.032***	***0.022***	***0.003***	***52***	***1.06***	***30***	***0.69***	***27***	***0.66***	***30***	***0.48***	***18***	***0.04***	***48***	***0.52***						
Otter Lake, Grenville, S Quebec	Perkins et al. 82	ott-a12		R	M	GrtOpxPlQtzCpxHbl?			0.208	0.196	0.488	0.011	733	8.30	748	8.56	754	8.57	15	0.26	6	0.01	21	0.27						
Otter Lake, Grenville, S Quebec	Perkins et al. 82	ott-dd11		R	M	GrtOpxPlQtzCpxHbl?			0.193	0.212	0.456	0.009	845	8.97	736	7.28	700	7.20	-109	-1.69	-36	-0.08	-145	-1.77						
Otter Lake, Grenville, S Quebec	Perkins et al. 82	ott-dd17		R	M	GrtOpxPlQtzCpx?Hbl?			0.201	0.182	0.455	0.010	755	8.25	756	8.29	757	8.28	1	0.04	1	-0.01	2	0.03						
Otter Lake, Grenville, S Quebec	Perkins et al. 82	ott-d12		R	M	GrtOpxPlQtzCpxHbl?			0.184	0.226	0.499	0.010	781	9.52	732	8.67	713	8.56	-49	-0.85	-19	-0.11	-68	-0.96						
Otter Lake, Grenville, S Quebec	Perkins et al. 82	ott-rk1		R	M	GrtOpxPlQtzCpx?Hbl?			0.207	0.096	0.264	0.005	883	12.29	793	10.47	781	10.37	-90	-1.82	-12	-0.10	-102	-1.92						
Otter Lake, Grenville, S Quebec	Perkins et al. 82	ott-rk2		R	I	GrtOpxPlQtz?			0.054	0.138	0.430	0.011	521	4.36	686	7.24	741	7.58	165	2.88	55	0.34	220	3.22						
Otter Lake, Grenville, S Quebec	**Perkins et al. 82**	**Average**	**6**	**R**	**M/I**		**675**	**6.3**	**0.175**	**0.175**	**0.432**	**0.009**	**753**	**8.62**	**742**	**8.42**	**741**	**8.43**	**-11**	**-0.20**	**-1**	**0.01**	**-12**	**-0.19**	**66**	**2.18**				
		Standard deviation							***0.060***	***0.049***	***0.086***	***0.002***	***127***	***2.56***	***35***	***1.18***	***30***	***1.10***	***99***	***1.73***	***31***	***0.17***	***130***	***1.90***						
Guaxupe, Brazil	Iyer et al. (1996)	AC89core		R	M	GrtOpxCpxPlQtz	850	8.5	0.192	0.218	0.449	0.018	895	9.78	854	9.14	839	9.11	-41	-0.64	-15	-0.03	-56	-0.67						
Guaxupe, Brazil	Iyer et al. (1996)	AC89-symplectite		R	M	GrtOpxCpxPlQtz	650	6.0	0.195	0.187	0.492	0.013	687	6.66	714	7.00	726	6.97	27	0.34	12	-0.03	39	0.31						
Guaxupe, Brazil	**Iyer et al. (1996)**	**Average**	**2**	**R**	**M**		**750**	**7.5**	**0.194**	**0.203**	**0.471**	**0.016**	**791**	**8.22**	**784**	**8.07**	**783**	**8.04**	**-7**	**-0.15**	**-2**	**-0.03**	**-9**	**-0.18**	**33**	**0.54**				
		Standard deviation							***0.002***	***0.022***	***0.030***	***0.004***	***147***	***2.21***	***99***	***1.51***	***80***	***1.51***	***48***	***0.69***	***19***	***0.00***	***67***	***0.69***						
Hidaka, Japan	**Komatsu et al. 1994**	**p2**	**1**	**R**	**A**	**GrtCrdOpx(Bt)PlQtz**			**0.050**	**0.339**	**0.617**	**0.038**	**630**	**5.24**	**723**	**6.32**	**774**	**6.26**	**93**	**1.08**	**51**	**-0.06**	**144**	**1.02**						
Iforas, Mali	Boullier & Barbey 88	ic-114a		R	I	GrtOpxBtPl			0.027	0.471	0.715	0.080	622	6.48	827	9.11	965	9.01	205	2.63	138	-0.10	343	2.53						
Iforas, Mali	Boullier & Barbey 88	ic-115		R	M	GrtOpxCpxPl			0.249	0.100	0.300	0.011	812	7.37	887	8.48	900	8.49	75	1.11	13	0.01	88	1.12						
Iforas, Mali	Boullier & Barbey 88	ic-115b		R	M	GrtOpxCpxPlOl			0.200	0.261	0.582	0.021	694	7.76	806	9.19	864	9.09	112	1.43	58	-0.10	170	1.33						
Iforas, Mali	**Boullier & Barbey 88**	**Average**	**3**	**R**	**M/I**		**620**	**5.0**	**0.159**	**0.277**	**0.532**	**0.037**	**709**	**7.20**	**840**	**8.93**	**910**	**8.86**	**131**	**1.72**	**70**	**-0.06**	**200**	**1.66**	**290**	**3.86**				
		Standard deviation							***0.117***	***0.186***	***0.212***	***0.037***	***96***	***0.66***	***42***	***0.39***	***51***	***0.33***	***67***	***0.80***	***63***	***0.06***	***130***	***0.76***						
Ivrea Zone, Italy	Sills 84	iv101 - V Sesia hiP		R	I	GrtOpxPlQtzKfs	775	8.0	0.087	0.380	0.630	0.030	764	9.21	764	9.22	764	9.20	0	0.01	0	-0.02	0	-0.01						
Ivrea Zone, Italy	Sills 84	iv346 - V Strona loP		R	I	GrtOpxPlQtzBt	750	6.0	0.047	0.318	0.556	0.033	732	5.94	772	6.45	782	6.54	40	0.51	10	0.09	50	0.60						
Ivrea Zone, Italy	Sills 84	iv383 - V Strona loP		R	I	GrtOpxPlQtzBt	750	6.0	0.097	0.315	0.596	0.021	698	7.60	708	7.76	704	7.84	10	0.16	-4	0.08	6	0.24						
Ivrea Zone, Italy	Sills et al. (1983)	IVL		R	M	GrtOpxHblCpxSapSplPl	900	9.0	0.140	0.775	0.887	0.044	869	12.71	790	11.83	720	12.09	-79	-0.88	-70	0.26	-149	-0.62						
Ivrea Zone, Italy	**Sills 84**	**Average**	**4**	**R**	**I/M**		**750**	**7.0**	**0.093**	**0.447**	**0.667**	**0.032**	**766**	**8.87**	**759**	**8.82**	**743**	**8.92**	**-7**	**-0.05**	**-16**	**0.10**	**-23**	**0.05**	**-8**	**1.92**				
		Standard deviation							***0.038***	***0.221***	***0.150***	***0.009***	***74***	***2.89***	***35***	***2.31***	***37***	***2.38***	***51***	***0.59***	***36***	***0.12***	***87***	***0.51***						
Jetty Peninsula, E Antarctica	**Hand et al 94**	**jt6665**	**1**	**R**	**A**	**GrtOpxCrdBtKfsPlQtz**	**800**	**7.3**	**0.040**	**0.399**	**0.651**	**0.050**	**666**	**5.88**	**790**	**7.36**	**842**	**7.47**	**124**	**1.48**	**52**	**0.11**	**176**	**1.59**	**42**	**0.22**				
Kapuskasing, Ontario	Percival 83	PG13		R	I	GrtOpxBtPlQtz			0.060	0.198	0.538	0.013	528	10.00	667	10.00	731	10.00	139	0.00	64	0.00	203	0.00						
Kapuskasing, Ontario	Percival 83	PG16		R	M	GrtOpxBtHblPlQtz			0.167	0.213	0.528	0.015	675	10.00	753	10.00	790	10.00	78	0.00	37	0.00	115	0.00						
Kapuskasing, Ontario	Percival 83	PG21		R	I	GrtOpxBtPlQtzKfs			0.150	0.303	0.603	0.030	712	10.00	812	10.00	872	10.00	100	0.00	60	0.00	160	0.00						
Kapuskasing, Ontario	Percival 83	PG22		R	I	GrtOpxBtPlQtzIlm			0.077	0.331	0.617	0.020	676	10.00	700	10.00	715	10.00	24	0.00	15	0.00	39	0.00						
Kapuskasing, Ontario	**Percival 83**	**Average**	**4**	**R**	**I**		**750**	**6.0**	**0.114**	**0.261**	**0.572**	**0.020**	**648**	**10.00**	**733**	**10.00**	**777**	**10.00**	**85**	**0.00**	**44**	**0.00**	**129**	**0.00**	**27**	**4.00**				
		Standard deviation							***0.053***	***0.066***	***0.045***	***0.008***	***82***	***0.00***	***63***	***0.00***	***71***	***0.00***	***48***	***0.00***	***23***	***0.00***	***70***	***0.00***						
Kapuskasing N, Ontario	Percival/McGrath 86	kap-5		R	I	GrtOpxBtPl+Kfs			0.081	0.347	0.627	0.025	675	8.07	678	8.14	668	8.16	3	0.07	-10	0.02	-7	0.09						
Kapuskasing N, Ontario	Percival/McGrath 86	kap-6		R	I	GrtOpxBtPl+Kfs			0.081	0.343	0.665	0.023	580	7.15	655	8.44	709	8.58	75	1.29	54	0.14	129	1.43						
Kapuskasing N, Ontario	Percival/McGrath 86	kap-7		R	I	GrtOpxBtPl+Kfs			0.064	0.383	0.640	0.035	702	7.96	722	8.27	733	8.29	20	0.31	11	0.02	31	0.33						
Kapuskasing N, Ontario	Percival/McGrath 86	kap-8		R	I	GrtOpxBtPl+Kfs			0.101	0.382	0.652	0.027	717	9.59	717	9.62	715	9.58	0	0.03	-2	-0.04	-2	-0.01						
Kapuskasing N, Ontario	Percival/McGrath 86	kap-9		R	I	GrtOpxBtPl+Kfs			0.091	0.370	0.618	0.030	767	9.20	761	9.10	754	9.08	-6	-0.10	-7	-0.02	-13	-0.12						
Kapuskasing N, Ontario	Percival/McGrath 86	kap-10		R	I	GrtOpxBtPl+Kfs			0.117	0.336	0.647	0.023	644	8.59	670	9.06	679	9.12	26	0.47	9	0.06	35	0.53						
Kapuskasing N, Ontario	**Percival/McGrath 86**	**Average**	**6**	**R**	**I**		**750**	**8.0**	**0.089**	**0.360**	**0.642**	**0.027**	**681**	**8.43**	**701**	**8.77**	**710**	**8.80**	**20**	**0.34**	**9**	**0.03**	**29**	**0.37**	**-40**	**0.80**				
		Standard deviation							***0.018***	***0.021***	***0.017***	***0.005***	***64***	***0.89***	***40***	***0.58***	***32***	***0.55***	***30***	***0.51***	***24***	***0.06***	***53***	***0.57***						
N. Karnataka -N. Tamil Nadu - S I	Janardhan et al 82	11-1b		R	I	IC - GrtOpxPlKfsQtzBt			0.058	0.333	0.583	0.038	730	7.92	784	8.74	790	8.97	54	0.82	6	0.23	60	1.05						
N. Karnataka -N. Tamil Nadu - S I	Janardhan et al 82	11-3e		R	M	IC - GrtOpxCpxPlQtz			0.185	0.240	0.547	0.030	713	8.74	908	12.13	1005	12.57	195	3.39	97	0.44	292	3.83						
N. Karnataka -N. Tamil Nadu - S I	Janardhan et al 82	11-1		R	I	IC - GrtOpxPlKfsQtzBt			0.047	0.250	0.582	0.032	520	4.51	689	6.97	763	7.41	169	2.46	74	0.44	243	2.90						
N. Karnataka -N. Tamil Nadu - S I	Janardhan et al 82	gn-4a		R	M	IC - GrtOpxCpxHblPlQtz?			0.171	0.298	0.563	0.023	820	10.21	857	10.83	873	10.88	37	0.62	16	0.05	53	0.67						
N. Karnataka -N. Tamil Nadu - S I	Janardhan et al 82	4-1c		R	I	IC - GrtOpxPlQtz			0.060	0.207	0.429	0.020	742	5.85	772	6.28	775	6.37	30	0.43	3	0.09	33	0.52						
N. Karnataka -N. Tamil Nadu - S I	Janardhan et al 82	10-1a		R	I	IC - GrtOpxPlQtz			0.136	0.307	0.595	0.020	723	9.42	786	10.54	813	10.71	63	1.12	27	0.17	90	1.29						
N. Karnataka -N. Tamil Nadu - S I	Hansen et al. 87	t13-83		R	I	IC - GrtOpxBtPlKfs			0.057	0.241	0.462	0.030	784	7.19	824	7.79	838	7.81	40	0.60	14	0.02	54	0.62						
N. Karnataka -N. Tamil Nadu - S India - Amph-Gran tra		**Average**	**7**	**R**	**I/M**		**750**	**6.0**	**0.102**	**0.268**	**0.537**	**0.028**	**719**	**7.69**	**803**	**9.04**	**837**	**9.25**	**84**	**1.35**	**34**	**0.21**	**118**	**1.55**	**87**	**3.25**				
		Standard deviation							***0.060***	***0.045***	***0.065***	***0.007***	***96***	***2.01***	***70***	***2.18***	***83***	***2.22***	***68***	***1.13***	***37***	***0.18***	***105***	***1.29***						
Kasai, Zaire	Bingen et al. 88	12195		R	A	GrtOpxCrdSiKfsBtPlQtz			0.027	0.330	0.586	0.051	659	5.28	807	7.23	877	7.28	148	1.95	70	0.05	218	2.00						
Kasai, Zaire	Bingen et al. 88	139131		R	A	GrtOpxCrdSiSpIKfsBtPlQtz			0.058	0.309	0.568	0.024	701	6.04	700	6.04	700	6.04	-1	0.00	0	0.00	-1	0.00						
Kasai, Zaire	Bingen et al. 88	139160		R	A	GrtOpxCrdSiSpIKfsBtPlQtz			0.029	0.381	0.629	0.072	664	5.49	855	7.87	937	8.08	191	2.38	82	0.21	273	2.59						
Kasai, Zaire	Bingen et al. 88	73535		R	I	GrtOpxBtKfsPlQtz			0.092	0.197	0.445	0.011	726	7.81	702	7.41	694	7.36	-24	-0.40	-8	-0.05	-32	-0.45						
Kasai, Zaire	Bingen et al. 88	139246		R	I	GrtOpxBtKfsPlQtz			0.043	0.364	0.618	0.047	681	6.33	816	8.19	885	8.22	135	1.86	69	0.03	204	1.89						
Kasai, Zaire	Bingen et al. 88	139146		R	I	GrtOpxBtKfsPlQtz			0.047	0.253	0.511	0.030	673	5.04	760	6.22	782	6.41	87	1.18	22	0.19	109	1.37						
Kasai, Zaire	**Bingen et al. 88**	**Average**	**6**	**R**	**I/A**		**720**	**6.7**	**0.049**	**0.306**	**0.560**	**0.039**	**684**	**6.00**	**773**	**7.16**	**813**	**7.23**	**89**	**1.16**	**39**	**0.07**	**129**	**1.23**	**93**	**0.53**				
		Standard deviation							***0.024***	***0.070***	***0.070***	***0.022***	***25***	***1.01***	***64***	***0.87***	***103***	***0.87***	***86***	***1.13***	***39***	***0.11***	***125***	***1.20***						
Kerala Khondalite Belt, S India	Chacko et al. 1996, unpul	76-112		R	I	??GrtOpxBtPl(+Kfs+Qtz?)			0.032	0.387	0.590	0.105	714	5.70	1001	9.20	1121	9.40	287	3.50	120	0.20	407	3.70						
Kerala Khondalite Belt, S India	Chacko et al. 1996, unpul	96-136		R	I	??GrtOpxBtPl(+Kfs+Qtz?)			0.032	0.380	0.584	0.082	745	6.00	976	9.00	1038	9.80	231	3.00	62	0.80	293	3.80						
Kerala Khondalite Belt, S India	Chacko et al. 1996, unpul	165-241		R	I	GrtOpxBtPl(+Kfs+Qtz?)			0.064	0.316	0.522	0.057	788	7.10	962	9.60	1023	9.90	174	2.50	61	0.30	235	2.80						
Kerala Khondalite Belt, S India	Chacko et al., 1987	77-115		R	A	GrtOpxBtCrdPl(+Kfs+Qtz?)			0.028	0.404	0.616	0.098	677	6.20	945	9.50	1072	9.70	268	3.30	127	0.20	395	3.50						

Kerala Khondalite Belt, S India	Chacko et al., 1987	95-135		R	A	GrtOpxBtSplPl(+Kfs+Qtz?)			0.035	0.384	0.601	0.085	663	6.20	929	9.70	1072	9.70	266	3.50	143	0.00	409	3.50						
Kerala Khondalite Belt, S India	Chacko et al., 1987	45-84		R	I	GrtOpxBtPl(+Kfs+Qtz?)			0.034	0.262	0.464	0.043	821	8.10	911	9.50	926	9.70	90	1.40	15	0.20	105	1.60						
Kerala Khondalite Belt, S India	Chacko et al., 1987	55-89		R	A	GrtOpxBtSplPl(+Kfs+Qtz?)			0.033	0.383	0.608	0.065	621	6.40	882	10.20	1027	10.70	261	3.80	145	0.50	406	4.30						
Kerala Khondalite Belt, S India	Chacko et al., 1987	83-123		R	I	IC - GrtOpxBtPl(+Kfs+Qtz?)			0.041	0.261	0.472	0.037	782	5.80	829	6.40	832	6.60	47	0.60	3	0.20	50	0.80						
Kerala Khondalite Belt, S India	Chacko et al., 1987	170-246		R	A	GrtOpxBtSplPl(+Kfs+Qtz?)			0.027	0.402	0.601	0.090	717	6.70	953	9.80	1073	9.80	236	3.10	120	0.00	356	3.10						
Kerala Khondalite Belt, S India	Chacko et al., 1987	177-260		R	I	GrtOpxBtPl(+Kfs+Qtz?)			0.038	0.322	0.539	0.048	738	5.60	816	6.50	842	6.60	78	0.90	26	0.10	104	1.00						
Kerala Khondalite Belt, S India	Chacko et al., 1987	4-10a		R	I	IC - GrtOpxBtPl(+Kfs+Qtz?)			0.030	0.260	0.438	0.045	893	7.60	914	7.80	911	8.00	21	0.20	-3	0.20	18	0.40						
Kerala Khondalite Belt, S India	Chacko et al., 1987	121-166		R	I	IC - GrtOpxBtPl(+Kfs+Qtz?)			0.043	0.286	0.497	0.040	792	6.70	850	7.50	853	7.80	58	0.80	3	0.30	61	1.10						
Kerala Khondalite Belt, S India	Chacko et al., 1987	141-201		R	I	IC - GrtOpxBtPl(+Kfs+Qtz?)			0.093	0.117	0.306	0.015	759	5.70	773	5.90	760	6.00	14	0.20	-13	0.10	1	0.30						
Kerala Khondalite Belt, S India	Chacko et al., 1987	153-225		R	I	GrtOpxBtPl(+Kfs+Qtz?)			0.043	0.224	0.410	0.033	763	5.50	836	6.50	848	6.70	73	1.00	12	0.20	85	1.20						
Kerala Khondalite Belt, S India	Chacko et al., 1987	154-226		R	I	GrtOpxBtPl(+Kfs+Qtz?)			0.053	0.213	0.449	0.033	697	5.30	819	7.00	850	7.30	122	1.70	31	0.30	153	2.00						
Kerala Khondalite Belt, S India	Chacko et al., 1987	155-229		R	I	GrtOpxBtPl(+Kfs+Qtz?)			0.093	0.132	0.298	0.025	834	7.00	824	6.90	808	7.00	-10	-0.10	-16	0.10	-26	0.00						
Kerala Khondalite Belt, S India	Chacko et al., 1987	147-217		R	I	GrtOpxBtPl(+Kfs+Qtz?)	17		0.057	0.218	0.428	0.028	758	5.00	796	5.50	806	5.60	38	0.50	10	0.10	48	0.60						
Kerala Khondalite Belt, S India	Harris et al. 1982	732		R	A	GrtOpxBtCrdSpl(+PlKfsQtz?)			0.047	0.451	0.632	0.079	821	8.40	958	10.20	1024	10.20	137	1.80	66	0.00	203	1.80						
Kerala Khondalite Belt, S India	Harris et al. 1982	758		R	I	GrtOpx(+PlKfsQtz?)			0.049	0.174	0.363	0.023	819	7.00	825	7.10	826	7.10	6	0.10	1	0.00	7	0.10						
Kerala Khondalite Belt, S India	Harris et al. 1982	766		R	I	GrtOpxBt(+PlKfsQtz?)			0.045	0.230	0.413	0.047	822	6.10	920	7.50	942	7.60	98	1.40	22	0.10	120	1.50						
Kerala Khondalite Belt, S India	Harris et al. 1982	770		R	I	GrtOpx(+PlKfsQtz?)	4		0.052	0.237	0.428	0.033	832	6.20	836	6.20	836	6.20	4	0.00	0	0.00	4	0.00						
Kerala Khondalite Belt, S India	Santosh 87	86-2		R	A	GrtOpxBtCrdPl(+Kfs+Qtz?)			0.033	0.422	0.638	0.075	618	4.70	895	8.40	1057	8.80	277	3.70	162	0.40	439	4.10						
Kerala Khondalite Belt, S India	Santosh et al 90	M-4		R	I	IC - GrtOpxBtPlKfsQtz	2		0.030	0.235	0.389	0.030	887	7.50	842	6.90	820	7.00	-45	-0.60	-22	0.10	-67	-0.50						
Kerala Khondalite Belt, S India	Srikantappa et al 85	23		R	I	IC - GrtOpxBtPlQtz			0.110	0.145	0.328	0.022	836	7.90	856	8.20	859	8.20	20	0.30	3	0.00	23	0.30						
Kerala Khondalite Belt, S India	Srikantappa et al 85	25		R	I	IC - GrtOpxBtPlQtz			0.076	0.293	0.525	0.039	789	6.50	826	7.00	840	7.00	37	0.50	14	0.00	51	0.50						
Kerala Khondalite Belt, S India	Srikantappa et al 85	36		R	I	GrtOpxBtPlQtz	3		0.043	0.384	0.594	0.084	758	5.50	940	7.50	1022	7.50	182	2.00	82	0.00	264	2.00						
Kerala Khondalite Belt, S India	Hansen et al. 87	K18-6a		R	I	IC - GrtOpxBtPlKfs			0.068	0.183	0.342	0.023	932	7.58	825	6.09	788	6.22	-107	-1.49	-37	0.13	-144	-1.36						
Kerala Khondalite Belt, S India	Hansen et al. 87	K18-7		R	I	IC - GrtOpxBtPlKfs			0.071	0.185	0.370	0.025	854	7.41	858	7.48	844	7.65	4	0.07	-14	0.17	-10	0.24						
Kerala Khondalite Belt, S India	Hansen et al. 87	147-214		R	I	IC - GrtOpxBtPlKfs			0.057	0.218	0.430	0.030	776	6.22	840	7.13	852	7.25	64	0.91	12	0.12	76	1.03						
Kerala Khondalite Belt, S India	Hansen et al. 87	TN3-1		R	I	IC - GrtOpxBtPlKfs			0.036	0.263	0.447	0.038	885	8.04	889	8.10	890	8.22	4	0.06	1	0.12	5	0.18						
Kerala Khondalite Belt, S India	Hansen et al. 87	TN21-4		R	I	IC - GrtOpxBtPlKfs	5		0.094	0.165	0.340	0.018	887	7.59	808	6.47	791	6.45	-79	-1.12	-17	-0.02	-96	-1.14						
Kerala Khondalite Belt, S India	Nandakumar&Harley2000	ED3amean-core		R	A	GrtOpxKfsPlQtz2ndaryCrdBt			0.029	0.309	0.565	0.090	633	3.97	902	7.10	1023	7.00	269	3.13	121	-0.10	390	3.03						
Kerala Khondalite Belt, S India	Nandakumar&Harley2000	ED8mean-core		R	I	GrtOpxKfsPlQtz2ndaryBt			0.033	0.388	0.576	0.078	815	6.63	999	9.01	1077	9.04	184	2.38	78	0.03	262	2.41						
Kerala Khondalite Belt, S India	Nandakumar&Harley2000	ED9core-core		R	I	GrtOpxKfsPlQtz2ndaryBt	3		0.030	0.358	0.559	0.075	794	6.11	955	8.14	1020	8.14	161	2.03	65	0.00	226	2.03						
Kerala Khondalite Belt, S India	**34**	**Average**	**34**	**R**	**I/A**		**750**	**6.0**	**0.049**	**0.282**	**0.481**	**0.051**	**780**	**6.47**	**882**	**7.79**	**923**	**7.94**	**102**	**1.33**	**41**	**0.14**	**143**	**1.47**	**173**	**1.94**
		Standard deviation							***0.022***	***0.093***	***0.104***	***0.027***	***80***	***1.04***	***63***	***1.35***	***109***	***1.41***	***112***	***1.46***	***57***	***0.18***	***167***	***1.53***		
Ketilidian Belt, S Greenland	Dempster et al., 1991	A255		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.026	0.258	0.460	0.065	774	4.43	934	6.31	978	6.36	160	1.88	44	0.05	204	1.93						
Ketilidian Belt, S Greenland	Dempster et al., 1991	A289		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.029	0.239	0.446	0.064	746	3.62	921	5.70	973	5.69	175	2.08	52	-0.01	227	2.07						
Ketilidian Belt, S Greenland	Dempster et al., 1991	A374		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.020	0.230	0.495	0.065	599	3.27	879	6.84	976	7.10	280	3.57	97	0.26	377	3.83						
Ketilidian Belt, S Greenland	Dempster et al., 1991	A375		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.020	0.279	0.491	0.068	744	4.22	924	6.37	981	6.40	180	2.15	57	0.03	237	2.18						
Ketilidian Belt, S Greenland	Dempster et al., 1991	A379		R/C	I	GrtOpxPlBtKfsQtz			0.026	0.296	0.501	0.061	777	4.78	909	6.37	937	6.67	132	1.59	28	0.30	160	1.89						
Ketilidian Belt, S Greenland	Dempster et al., 1991	I65		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.024	0.245	0.449	0.067	753	3.71	926	5.65	974	5.64	173	1.94	48	-0.01	221	1.93						
Ketilidian Belt, S Greenland	Dempster et al., 1991	Q62		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.018	0.218	0.363	0.052	930	5.37	934	5.42	926	5.58	4	0.05	-8	0.16	-4	0.21						
Ketilidian Belt, S Greenland	Dempster et al., 1991	Q64		R/C	I	GrtOpxPlBt-2KfsQtz			0.022	0.162	0.432	0.046	542	1.49	808	4.62	892	4.68	266	3.13	84	0.06	350	3.19						
Ketilidian Belt, S Greenland	Dempster et al., 1991	Q67		R/C	A	GrtOpxCrdPlBt-2KfsQtz			0.023	0.196	0.454	0.045	596	2.03	806	4.46	874	4.47	210	2.43	68	0.01	278	2.44						
Ketilidian Belt, S Greenland	**Dempster et al., 1991**	**Average**	**9**	**R/C**	**A/I**		**725**	**3.0**	**0.023**	**0.236**	**0.455**	**0.059**	**718**	**3.66**	**893**	**5.75**	**946**	**5.84**	**176**	**2.09**	**52**	**0.09**	**228**	**2.19**	**221**	**2.84**
		Standard deviation							***0.004***	***0.041***	***0.042***	***0.009***	***120***	***1.26***	***52***	***0.82***	***41***	***0.88***	***81***	***0.99***	***31***	***0.12***	***111***	***0.99***		
Kiglapait aureole, Labrador	Speer, 1981?	nc-49		C	I	GrtOpxBtPlKfs...			0.041	0.162	0.333	0.050	768	2.41	910	3.72	930	3.85	142	1.31	20	0.13	162	1.44						
Kiglapait aureole, Labrador	Speer, 1981?	sn-211		C	A	GrtOpxCrdBtPlKfs...			0.047	0.158	0.330	0.035	786	2.99	837	3.49	842	3.57	51	0.50	5	0.08	56	0.58						
Kiglapait aureole, Labrador	**Speer, 1981?**	**Average**	**2**	**C**	**I/A**		**850**	**4.0**	**0.044**	**0.160**	**0.332**	**0.043**	**777**	**2.70**	**874**	**3.61**	**886**	**3.71**	**97**	**0.91**	**13**	**0.11**	**109**	**1.01**	**36**	**-0.29**
		Standard deviation							***0.004***	***0.003***	***0.002***	***0.011***	***13***	***0.41***	***52***	***0.16***	***62***	***0.20***	***64***	***0.57***	***11***	***0.04***	***75***	***0.61***		
Laramie aureole, Wyoming	Grant&Frost 90	19-4a		C	I	GrtOpxBtPlKfs			0.039	0.193	0.246	0.035	887	3.00	842	3.00	826	3.00	-45	0.00	-16	0.00	-61	0.00						
Laramie aureole, Wyoming	Grant&Frost 90	53-2b		C	A	GrtOpxCrdBtPlKfs			0.010	0.179	0.411	0.058	624	3.00	825	3.00	840	3.00	201	0.00	15	0.00	216	0.00						
Laramie aureole, Wyoming	Grant&Frost 90	53-2c		C	A	GrtOpxCrdBtPlKfs			0.017	0.166	0.321	0.063	805	3.00	912	3.00	899	3.00	107	0.00	-13	0.00	94	0.00						
Laramie aureole, Wyoming	**Grant&Frost 90**	**Average**	**3**	**C**	**A/I**		**775**	**3.0**	**0.022**	**0.179**	**0.326**	**0.052**	**772**	**3.00**	**860**	**3.00**	**855**	**3.00**	**88**	**0.00**	**-5**	**0.00**	**83**	**0.00**	**80**	**0.00**
		Standard deviation							***0.015***	***0.014***	***0.083***	***0.015***	***135***	***0.00***	***46***	***0.00***	***39***	***0.00***	***124***	***0.00***	***17***	***0.00***	***139***	***0.00***		
Long Range Inlier, Nfld	Owen & Erdmer 89	86-451-2		R	A	GrtOpxCrdBtPlQtzKfs?			0.008	0.328	0.543	0.042	748	5.06	762	5.23	760	5.33	14	0.17	-2	0.10	12	0.27						
Long Range Inlier, Nfld	Owen & Erdmer 89	86-111		R	I	GrtOpxBtPlQtz			0.072	0.230	0.488	0.024	694	5.88	760	6.84	778	6.96	66	0.96	18	0.12	84	1.08						
Long Range Inlier, Nfld	Owen & Erdmer 89	86-279		R	I	GrtOpxBtPlQtz			0.038	0.277	0.535	0.023	682	5.97	696	6.17	698	6.21	14	0.20	2	0.04	16	0.24						
Long Range Inlier, Nfld	**Owen & Erdmer 89**	**Average**	**3**	**R**	**I/A**		**750**	**6.5**	**0.039**	**0.278**	**0.522**	**0.030**	**708**	**5.64**	**739**	**6.08**	**745**	**6.17**	**31**	**0.44**	**6**	**0.09**	**37**	**0.53**	**-5**	**-0.33**
		Standard deviation							***0.032***	***0.049***	***0.030***	***0.011***	***35***	***0.50***	***38***	***0.81***	***42***	***0.82***	***30***	***0.45***	***11***	***0.04***	***40***	***0.48***		
Madras Charnockites, S India	Sen & Bhattacharya 84	MADCH379		R	I	GrtOpxPlQtzKfsBt			0.049	0.283	0.522	0.044	735	6.80	887	9.07	944	9.21	152	2.27	57	0.14	209	2.41						
Madras Charnockites, S India	Sen & Bhattacharya 84	MADCH558		R	I	GrtOpxPlQtzKfsBt			0.052	0.314	0.561	0.029	724	6.35	727	6.39	729	6.39	3	0.04	2	0.00	5	0.04						
Madras Charnockites, S India	Sen & Bhattacharya 84	MADCH702		R	I	GrtOpxPlQtzKfsBt			0.076	0.289	0.527	0.029	782	8.12	821	8.73	836	8.76	39	0.61	15	0.03	54	0.64						
Madras Charnockites, S India	Sen & Bhattacharya 84	MADCH715		R	I	GrtOpxPlQtzKfsBt			0.055	0.304	0.559	0.043	702	6.51	826	8.28	882	8.38	124	1.77	56	0.10	180	1.87						
Madras Charnockites, S India	Sen & Bhattacharya 84	MADCH729		R	I	GrtOpxPlQtzKfsBt			0.051	0.306	0.532	0.036	777	7.04	828	7.76	847	7.79	51	0.72	19	0.03	70	0.75						
Madras Charnockites, S India	Sen & Bhattacharya 84	MDCH403B		R	I	GrtOpxPlQtzKfsBt			0.041	0.343	0.624	0.045	621	5.96	770	8.01	852	8.06	149	2.05	82	0.05	231	2.10						
Madras Charnockites, S India	Sen & Bhattacharya 84	MDCH543A		R	M	GrtOpxPlQtzKfsBtCpx?Hbl?			0.239	0.140	0.357	0.011	889	10.71	878	10.52	876	10.49	-11	-0.19	-2	-0.03	-13	-0.22						
Madras Charnockites, S India	Sen & Bhattacharya 84	MSS79112		R	I	GrtOpxPlQtzKfsBt			0.080	0.179	0.397	0.027	754	6.80	861	8.48	890	8.58	107	1.68	29	0.10	136	1.78						
Madras Charnockites, S India	**Sen & Bhattacharya 84**	**Average**	**8**	**R**	**I/M**		**800**	**7.1**	**0.080**	**0.270**	**0.510**	**0.033**	**748**	**7.29**	**825**	**8.41**	**857**	**8.46**	**77**	**1.12**	**32**	**0.05**	**109**	**1.17**	**57**	**1.36**
		Standard deviation							***0.065***	***0.071***	***0.089***	***0.012***	***76***	***1.52***	***54***	***1.18***	***62***	***1.18***	***65***	***0.94***	***30***	***0.06***	***93***	***1.00***		
Magondi, N Zimbabwe	Munyanyiwa et al 93	ny81-3		R	M	GrtOpxPlQtz±Cpx±Hbl±Kfs			0.202	0.208	0.497	0.020	740	7.99	845	9.65	889	9.76	105	1.66	44	0.11	149	1.77						
Magondi, N Zimbabwe	Munyanyiwa et al 93	ny84-1		R	M	GrtOpxPlQtz±Cpx±Hbl±Kfs			0.219	0.109	0.361	0.007	700	6.65	759	7.61	772	7.64	59	0.96	13	0.03	72	0.99						
Magondi, N Zimbabwe	Munyanyiwa et al 93	ny84-2		R	M	GrtOpxPlQtz±Cpx±Hbl±Kfs			0.217	0.110	0.351	0.010	720	6.68	814	8.19	835	8.24	94	1.51	21	0.05	115	1.56						
Magondi, N Zimbabwe	**Munyanyiwa et al 93**	**Average**	**3**	**R**	**M**		**750**	**6.0**	**0.213**	**0.142**	**0.403**	**0.012**	**720**	**7.11**	**806**	**8.48**	**832**	**8.55**	**86**	**1.38**	**26**	**0.06**	**112**	**1.44**	**82**	**2.55**
		Standard deviation							***0.009***	***0.057***	***0.082***	***0.007***	***20***	***0.77***	***44***	***1.05***	***59***	***1.09***	***24***	***0.37***	***16***	***0.04***	***39***	***0.40***		
Makhavinekh, Labrador	McFarlane (2002)	M15-250		C	A	GrtOpxCrdBtPlKfsQtz			0.034	0.181	0.463	0.039	562	5.00	785	5.00	850	5.00	223	0.00	65	0.00	288	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M04-450		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.188	0.453	0.039	633	5.00	795	5.00	837	5.00	162	0.00	42	0.00	204	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M05-800		C	A	GrtOpxCrdBtPlKfsQtz			0.035	0.218	0.481	0.042	637	5.00	802	5.00	849	5.00	165	0.00	47	0.00	212	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M17-1015		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.174	0.462	0.043	581	5.00	798	5.00	870	5.00	217	0.00	72	0.00	289	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M21-1500		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.223	0.494	0.045	611	5.00	794	5.00	853	5.00	183	0.00	59	0.00	242	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M22-2025		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.247	0.521	0.041	620	5.00	760	5.00	809	5.00	140	0.00	49	0.00	189	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M23-2400		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.218	0.523	0.040	548	5.00	754	5.00	856	5.00	206	0.00	102	0.00	308	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M08-3125		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.241	0.524	0.035	602	5.00	731	5.00	792	5.00	129	0.00	61	0.00	190	0.00						
Makhavinekh, Labrador	McFarlane (2002)	M12-4025		C	A	GrtOpxCrdBtPlKfsQtz			0.033	0.308	0.613	0.036	564	5.00	682	5.00	763	5.00	118	0.00	81	0.00	199	0.00						
Makhavinekh, Labrador	McFarlane (2002)	T03-5750		C	A	GrtOpxCrdBtPlKfsQtz			0.036	0.273	0.561	0.026	602	5.00	672	5.00	723	5.00	70	0.00	51	0.00	121	0.00						
Makhavinekh, Labrador	**McFarlane (2002)**	**Average**	**11**	**C**	**A**	**GrtOpxCrdBtPlKfsQtz**	**700**	**5.0**	**0.034**	**0.227**	**0.510**	**0.039**	**596**	**5.00**	**757**	**5.00**	**820**	**5.00**	**161**	**0.00**	**63**	**0.00**	**224**	**0.00**	**120**	**0.00**
		Standard deviation							***0.001***	***0.042***	***0.050***	***0.005***	***31***	***0.00***	***48***	***0.00***	***48***	***0.00***	***48***	***0.00***	***18***	***0.00***	***58***	***0.00***		
Minnesota River, USA	Perkins/Chipera 85	GF3-8		R	I	GrtOpxPlBtKfs			0.061	0.272	0.577	0.030	592	5.54	722	7.46	790	7.62	130	1.92	68	0.16	198	2.08						
Minnesota River, USA	Perkins/Chipera 85	GF3-6		R	I	GrtOpxPlBtKfs			0.061	0.272	0.567	0.027	614	5.55	715	7.04	766	7.16	101	1.49	51	0.12	152	1.61						

Minnesota River, USA	Perkins/Chipera 85	GF5-4		R	I	GrtOpxPlBtKfs			0.085	0.238	0.536	0.020	626	5.94	698	7.05	732	7.16	72	1.11	34	0.11	106	1.22							
Minnesota River, USA	Perkins/Chipera 85	GF5-3		R	I	GrtOpxPlBtKfs			0.055	0.257	0.567	0.023	574	4.82	667	6.19	715	6.30	93	1.37	48	0.11	141	1.48							
Minnesota River, USA	Perkins/Chipera 85	GF5-2		R	I	GrtOpxPlBtKfs			0.065	0.227	0.544	0.023	561	4.67	687	6.55	747	6.74	126	1.88	60	0.19	186	2.07							
Minnesota River, USA	**Perkins/Chipera 85**	**Average**	**5**	**R**	**I**		**675**	**6.0**	**0.065**	**0.253**	**0.558**	**0.025**	**593**	**5.30**	**698**	**6.86**	**750**	**7.00**	**104**	**1.55**	**52**	**0.14**	**157**	**1.69**	**75**	**1.00**					
		Standard deviation							***0.012***	***0.020***	***0.017***	***0.004***	***27***	***0.54***	***22***	***0.49***	***29***	***0.50***	***24***	***0.34***	***13***	***0.04***	***37***	***0.38***							
Minto, Quebec	Begin/Pattison 94	B69-Gt11cOp1c		R	I	GrtOpxBtPlKfs			0.051	0.201	0.447	0.027	679	5.24	768	6.49	800	6.53	89	1.25	32	0.04	121	1.29							
Minto, Quebec	Begin/Pattison 94	C10-Gt2cOp3c		R	I	GrtOpxPl			0.092	0.207	0.421	0.032	785	6.45	874	7.67	901	7.68	89	1.22	27	0.01	116	1.23							
Minto, Quebec	Begin/Pattison 94	P88		R	I	GrtOpxBtPlK			0.059	0.248	0.445	0.045	839	7.28	945	8.84	977	8.92	106	1.56	32	0.08	138	1.64							
Minto, Quebec	Begin/Pattison 94	B58		R	A	GrtOpxCrdBtPlK			0.030	0.333	0.588	0.050	664	4.84	767	6.10	818	6.11	103	1.26	51	0.01	154	1.27							
Minto, Quebec	Begin/Pattison 94	B74B		R	A	GrtOpxCrdBtPlK			0.026	0.358	0.604	0.060	677	5.03	795	6.46	853	6.46	118	1.43	58	0.00	176	1.43							
Minto, Quebec	Begin/Pattison 94	P69		R	I	GrtOpxBtPlKfs			0.036	0.221	0.513	0.025	569	3.19	669	4.47	711	4.53	100	1.28	42	0.06	142	1.34							
Minto, Quebec	**Begin/Pattison 94**	**Average**	**6**	**R**	**I/A**		**850**	**7.5**	**0.049**	**0.261**	**0.503**	**0.040**	**702**	**5.34**	**803**	**6.67**	**843**	**6.71**	**101**	**1.33**	**40**	**0.03**	**141**	**1.37**	**-7**	**-0.79**					
		Standard deviation							***0.025***	***0.068***	***0.078***	***0.014***	***96***	***1.41***	***96***	***1.48***	***91***	***1.49***	***11***	***0.13***	***12***	***0.03***	***22***	***0.15***							
Molodezhnaya, Enderby Land, An	Grew 81	molo322		R	I	GrtOpxBtKfsPlQtz			0.109	0.178	0.403	0.018	757	6.42	791	6.92	799	6.96	34	0.50	8	0.04	42	0.54							
Molodezhnaya, Enderby Land, An	Grew 81	molo322a		R	I	GrtOpxBtKfsPlQtz			0.067	0.247	0.500	0.034	700	5.76	793	7.03	832	7.08	93	1.27	39	0.05	132	1.32							
Molodezhnaya, Enderby Land, An	Grew 81	molo341b		R	I	GrtOpxBtKfsPlQtz			0.069	0.226	0.456	0.022	752	6.48	758	6.58	760	6.58	6	0.10	2	0.00	8	0.10							
Molodezhnaya, Enderby Land, A	**Grew 81**	**Average**	**3**	**R**	**I**		**700**	**5.5**	**0.082**	**0.217**	**0.453**	**0.025**	**736**	**6.22**	**781**	**6.84**	**797**	**6.87**	**44**	**0.62**	**16**	**0.03**	**61**	**0.65**	**97**	**1.37**					
		Standard deviation							***0.024***	***0.035***	***0.049***	***0.008***	***32***	***0.40***	***20***	***0.23***	***36***	***0.26***	***44***	***0.59***	***20***	***0.03***	***64***	***0.62***							
Inner Mongolia, China	Xishan et al. 93	mongo010		R	M	GrtOpxCpxPlQtz			0.160	0.398	0.658	0.032	808	11.04	910	12.74	970	12.88	102	1.70	60	0.14	162	1.84							
Inner Mongolia, China	Xishan et al. 93	mongo691		R	M	GrtOpxCpxPlQtzHbl			0.119	0.369	0.602	0.032	850	9.87	862	10.05	867	10.05	12	0.18	5	0.00	17	0.18							
Inner Mongolia, China	**Xishan et al. 93**	**Average**	**2**	**R**	**M**		**845**	**9.5**	**0.140**	**0.384**	**0.630**	**0.032**	**829**	**10.46**	**886**	**11.40**	**919**	**11.47**	**57**	**0.94**	**33**	**0.07**	**90**	**1.01**	**74**	**1.97**					
		Standard deviation							***0.029***	***0.021***	***0.040***	***0.000***	***30***	***0.83***	***34***	***1.90***	***73***	***2.00***	***64***	***1.07***	***39***	***0.10***	***103***	***1.17***							
Nain aureoles, Labrador	Berg 77b	LRD72		C	A	GrtOpxCrdPlKfs±Bt			0.032	0.359	0.563	0.040	813	5.00	754	5.00	742	5.00	-59	0.00	-12	0.00	-71	0.00							
Nain aureoles, Labrador	Berg 77b	KI3909		C	A	GrtOpxCrdPlKfs±Bt			0.028	0.172	0.313	0.050	889	5.00	932	5.00	936	5.00	43	0.00	4	0.00	47	0.00							
Nain aureoles, Labrador	Berg 77b	KI3557		C	A	GrtOpxCrdPlKfs±Bt			0.039	0.148	0.313	0.043	794	5.00	888	5.00	908	5.00	94	0.00	20	0.00	114	0.00							
Nain aureoles, Labrador	Berg 77b	2-893		C	A	GrtOpxCrdPlKfs±Bt			0.028	0.198	0.382	0.030	797	5.00	792	5.00	793	5.00	-5	0.00	1	0.00	-4	0.00							
Nain aureoles, Labrador	Berg 77b	2-625		C	A	GrtOpxCrdPlKfs±Bt			0.023	0.172	0.372	0.040	715	5.00	833	5.00	857	5.00	118	0.00	24	0.00	142	0.00							
Nain aureoles, Labrador	Berg 77b	2-1833		C	A	GrtOpxCrdPlKfs±Bt			0.026	0.201	0.381	0.055	795	5.00	918	5.00	939	5.00	123	0.00	21	0.00	144	0.00							
Nain aureoles, Labrador	Berg 77b	2-1726		C	A	GrtOpxCrdPlKfs±Bt			0.026	0.181	0.383	0.032	724	5.00	814	5.00	832	5.00	90	0.00	18	0.00	108	0.00							
Nain aureoles, Labrador	Berg 77b	2-1637		C	A	GrtOpxCrdPlKfs±Bt			0.033	0.220	0.364	0.052	940	5.00	948	5.00	940	5.00	8	0.00	-8	0.00	0	0.00							
Nain aureoles, Labrador	Berg 77b	RAW437		C	A	GrtOpxCrdPlKfs±Bt			0.046	0.189	0.430	0.027	656	5.00	756	5.00	789	5.00	100	0.00	33	0.00	133	0.00							
Nain aureoles, Labrador	Berg 77b	nanu69		C	A	GrtOpxCrdPlKfs±Bt			0.040	0.233	0.489	0.043	647	5.00	805	5.00	857	5.00	158		52		210								
Nain aureoles, Labrador	Berg 77b	nank420B		C	A	GrtOpxCrdPlKfs±Bt			0.043	0.240	0.472	0.045	715	5.00	822	5.00	855	5.00	107		33		140								
Nain aureoles, Labrador	Berg 77b	74-98		C	A	GrtOpxCrdPlKfs±Bt			0.010	0.150	0.319	0.047	753	5.00	893	5.00	915	5.00	140		22		162								
Nain aureoles, Labrador	Berg 77b	2-275		C	A	GrtOpxCrdSplPlKfs±Bt			0.033	0.244	0.458	0.043	752	5.00	825	5.00	840	5.00	73	0.00	15	0.00	88	0.00							
Nain aureoles, Labrador	Berg 77a	KI3911		C	A	GrtOpxOlQtz			0.033	0.102	0.255	0.032	722	5.00	865	5.00	887	5.00	143	0.00	22	0.00	165	0.00							
Nain aureoles, Labrador	Berg 77a	74-16b		C	A	GrtOpxOlSpl			0.030	0.233	0.431	0.058	760	5.00	913	5.00	962	5.00	153	0.00	49	0.00	202	0.00							
Nain aureoles, Labrador	Berg 77a	74-18x		C	A	GrtOpxOl			0.037	0.137	0.311	0.040	742	5.00	884	5.00	913	5.00	142	0.00	29	0.00	171	0.00							
Nain aureoles, Labrador	**Berg 77a, 77b**	**Average**	**16**	**C**	**A**		**850**	**5.0**	**0.032**	**0.199**	**0.390**	**0.042**	**763**	**5.00**	**853**	**5.00**	**873**	**5.00**	**89**	**0.00**	**20**	**0.00**	**109**	**0.00**	**23**	**0.00**					
		Standard deviation							***0.009***	***0.059***	***0.080***	***0.009***	***76***	***0.00***	***61***	***0.00***	***63***	***0.00***	***63***	***0.00***	***18***	***0.00***	***79***	***0.00***							
Nilgiri Hills, S India	Srikantappa et al 92	78		R	I	GrtOpxPlQtzBt			0.072	0.333	0.599	0.024	710	7.87	700	7.73	675	7.83	-10	-0.14	-25	0.10	-35	-0.04							
Nilgiri Hills, S India	Srikantappa et al 92	85		R	M	GrtOpxPlQtzBtHbl			0.067	0.316	0.623	0.026	602	6.81	686	8.11	736	8.22	84	1.30	50	0.11	134	1.41							
Nilgiri Hills, S India	Srikantappa et al 92	88		R	I	GrtOpxPlQtzBt			0.049	0.382	0.678	0.030	583	6.45	650	7.45	681	7.63	67	1.00	31	0.18	98	1.18							
Nilgiri Hills, S India	Srikantappa et al 92	95		R	I	GrtOpxPlQtzBt			0.059	0.283	0.568	0.032	641	6.63	772	8.67	808	9.12	131	2.04	36	0.45	167	2.49							
Nilgiri Hills, S India	Srikantappa et al 92	110		R	I	GrtOpxPlQtzBt			0.097	0.324	0.630	0.018	644	8.33	656	8.56	658	8.57	12	0.23	2	0.01	14	0.24							
Nilgiri Hills, S India	Srikantappa et al 92	182		R	I	GrtOpxPlQtzBt			0.058	0.344	0.611	0.043	682	7.87	831	10.27	893	10.69	149	2.40	62	0.42	211	2.82							
Nilgiri Hills, S India	Srikantappa et al 92	K304		R	I	GrtOpxPlQtzBt			0.088	0.409	0.672	0.027	710	9.17	717	9.31	696	9.42	7	0.14	-21	0.11	-14	0.25							
Nilgiri Hills, S India	Srikantappa et al 92	K314		R	I	GrtOpxPlQtzBt			0.057	0.375	0.650	0.036	659	8.04	771	9.84	819	10.16	112	1.80	48	0.32	160	2.12							
Nilgiri Hills, S India	Srikantappa et al 92	K337		R	I	GrtOpxPlQtzBt			0.088	0.332	0.608	0.021	706	8.69	715	8.85	719	8.85	9	0.16	4	0.00	13	0.16							
Nilgiri Hills, S India	Srikantappa et al 92	KU4		R	I	GrtOpxPlQtzBtKfs			0.083	0.303	0.589	0.017	674	7.59	672	7.58	671	7.56	-2	-0.01	-1	-0.02	-3	-0.03							
Nilgiri Hills, S India	Srikantappa et al 92	KU7		R	I	GrtOpxPlQtzBtKfs			0.066	0.346	0.587	0.021	769	8.64	803	9.17	803	9.34	34	0.53	0	0.17	34	0.70							
Nilgiri Hills, S India	**Srikantappa et al 92**	**Average**	**11**	**R**	**I/M**		**740**	**8.0**	**0.071**	**0.341**	**0.620**	**0.027**	**671**	**7.83**	**725**	**8.69**	**742**	**8.85**	**54**	**0.86**	**17**	**0.17**	**71**	**1.03**	**2**	**0.85**					
		Standard deviation							***0.016***	***0.037***	***0.035***	***0.008***	***53***	***0.89***	***61***	***0.92***	***77***	***1.02***	***57***	***0.90***	***30***	***0.16***	***86***	***1.05***							
Nilgiri Hills, S India	Raith et al. 1990	2		R	M	HblGrtOpxCpxPl			0.163	0.385	0.686	0.027	697	10.23	778	11.64	841	11.91	81	1.41	63	0.27	144	1.68							
Nilgiri Hills, S India	Raith et al. 1990	3		R	M	HblGrtOpxCpxPlBt			0.173	0.303	0.635	0.018	660	8.41	684	8.79	701	8.83	24	0.38	17	0.04	41	0.42							
Nilgiri Hills, S India	Raith et al. 1990	4		R	M	HblGrtOpxCpxPl			0.180	0.317	0.612	0.020	751	9.97	774	10.37	789	10.43	23	0.40	15	0.06	38	0.46							
Nilgiri Hills, S India	Raith et al. 1990	5		R	M	HblGrtOpxCpxPlQtz			0.176	0.295	0.551	0.025	847	10.63	880	11.18	895	11.25	33	0.55	15	0.07	48	0.62							
Nilgiri Hills, S India	Raith et al. 1990	6		R	M	HblGrtOpxCpxPlQtz			0.196	0.295	0.595	0.025	751	9.65	847	11.31	904	11.56	96	1.66	57	0.25	153	1.91							
Nilgiri Hills, S India	Raith et al. 1990	7		R	M	GrtOpxCpxPlQtz			0.167	0.333	0.636	0.025	720	10.06	795	11.40	845	11.64	75	1.34	50	0.24	125	1.58							
Nilgiri Hills, S India	Raith et al. 1990	8		R	M	GrtOpxCpxPlQtz			0.180	0.227	0.520	0.018	731	8.63	795	9.72	823	9.85	64	1.09	28	0.13	92	1.22							
Nilgiri Hills, S India	Raith et al. 1990	10		R	M	HblGrtOpxCpxPl			0.166	0.340	0.651	0.025	688	9.14	764	10.41	819	10.59	76	1.27	55	0.18	131	1.45							
Nilgiri Hills, S India	Raith et al. 1990	11		R	M	GrtOpxCpxPlQtz			0.189	0.310	0.600	0.025	767	9.06	817	9.74	844	9.75	50	0.68	27	0.01	77	0.69							
Nilgiri Hills, S India	Raith et al. 1990	12		R	M	HblGrtOpxCpxPl			0.177	0.269	0.559	0.023	743	8.87	834	10.40	881	10.59	91	1.53	47	0.19	138	1.72							
Nilgiri Hills, S India	Raith et al. 1990	13		R	M	HblGrtOpxCpxPlQtz			0.173	0.295	0.549	0.025	854	11.47	905	12.42	930	12.56	51	0.95	25	0.14	76	1.09							
Nilgiri Hills, S India	Raith et al. 1990	15		R	I	BtGrtOpxPlQtz			0.117	0.288	0.571	0.020	714	8.48	736	8.84	747	8.88	22	0.36	11	0.04	33	0.40							
Nilgiri Hills, S India	Raith et al. 1990	18		R	I	BtGrtOpxPlKfsQtz			0.090	0.309	0.631	0.025	599	7.85	704	9.68	772	10.01	105	1.83	68	0.33	173	2.16							
Nilgiri Hills, S India	Raith et al. 1990	19		R	I	BtGrtOpxPlKfsQtz			0.063	0.333	0.615	0.027	653	7.35	712	8.26	746	8.37	59	0.91	34	0.11	93	1.02							
Nilgiri Hills, S India	Raith et al. 1990	20		R	I	BtGrtOpxPlKfsQtz			0.070	0.279	0.602	0.020	574	6.33	642	7.41	682	7.56	68	1.08	40	0.15	108	1.23							
Nilgiri Hills, S India	Raith et al. 1990	22		R	I	BtGrtOpxPlKfsQtz			0.067	0.368	0.629	0.032	709	8.30	757	9.03	783	9.11	48	0.73	26	0.08	74	0.81							
Nilgiri Hills, S India	Raith et al. 1990	31		R	M	HblGrtOpxCpxPlQtz			0.203	0.140	0.452	0.015	635	7.09	811	10.28	877	10.68	176	3.19	66	0.40	242	3.59							
Nilgiri Hills, S India	Raith et al. 1990	32		R	I	BtGrtOpxPlQtz			0.053	0.379	0.632	0.035	707	7.92	759	8.69	787	8.76	52	0.77	28	0.07	80	0.84							
Nilgiri Hills, S India	Raith et al. 1990	33		R	I	BtGrtOpxPlQtz			0.070	0.348	0.653	0.020	607	7.58	629	7.94	644	7.99	22	0.36	15	0.05	37	0.41							
Nilgiri Hills, S India	Raith et al. 1990	34		R	I	BtGrtOpxPlQtz			0.103	0.330	0.614	0.018	699	8.91	677	8.53	663	8.47	-22	-0.38	-14	-0.06	-36	-0.44							
Nilgiri Hills, S India	Raith et al. 1990	35		R	M	HblGrtOpxCpxPl			0.183	0.347	0.658	0.023	702	9.28	746	9.97	778	10.05	44	0.69	32	0.08	76	0.77							
Nilgiri Hills, S India	Raith et al. 1990	36		R	M	HblGrtOpxCpxPl			0.167	0.359	0.656	0.027	719	9.54	786	10.62	833	10.74	67	1.08	47	0.12	114	1.20							
Nilgiri Hills, S India	Raith et al. 1990	37		R	M	HblGrtOpxCpxPlQtz			0.177	0.238	0.523	0.015	752	9.48	781	10.00	794	10.07	29	0.52	13	0.07	42	0.59							
Nilgiri Hills, S India	Raith et al. 1990	38		R	I	BtGrtOpxPlKfsQtz			0.050	0.354	0.611	0.035	693	7.24	760	8.21	795	8.28	67	0.97	35	0.07	102	1.04							
Nilgiri Hills, S India	Raith et al. 1990	39		R	I	BtGrtOpxPlKfsQtz			0.050	0.290	0.569	0.030	640	6.00	729	7.31	773	7.43	89	1.31	44	0.12	133	1.43							
Nilgiri Hills, S India	Raith et al. 1990	40		R	I	BtGrtOpxPlKfsQtz			0.056	0.336	0.636	0.027	601	6.60	671	7.65	716	7.75	70	1.05	45	0.10	115	1.15							
Nilgiri Hills, S India	Raith et al. 1990	41		R	I	BtGrtOpxPlQtzKfs			0.047	0.343	0.642	0.035	582	5.72	693	7.25	764	7.32	111	1.53	71	0.07	182	1.60							
Nilgiri Hills, S India	Raith et al. 1990	42		R	I	BtGrtOpxPlQtz			0.060	0.347	0.651	0.038	588	6.72	732	8.90	826	9.11	144	2.18	94	0.21	238	2.39							
Nilgiri Hills, S India	Raith et al. 1990	43		R	I	BtGrtOpxPlQtz			0.076	0.303	0.615	0.025	602	7.07	693	8.52	748	8.72	91	1.45	55	0.20	146	1.65							
Nilgiri Hills, S India	Raith et al. 1990	44		R	I	BtGrtOpxPlQtzKfs			0.083	0.317	0.612	0.020	651	7.76	671	8.08	683	8.12	20	0.32	12	0.04	32	0.36							
Nilgiri Hills, S India	Raith et al. 1990	45		R	I	BtGrtOpxPlQtz			0.087	0.333	0.626	0.027	659	8.45	738	9.77	787	9.97	79	1.32	49	0.20	128	1.52							
Nilgiri Hills, S India	Raith et al. 1990	46		R	I	BtGrtOpxPlQtz			0.113	0.304	0.579	0.018	738	9.15	710	8.69	696	8.63	-28	-0.46	-14	-0.06	-42	-0.52							
Nilgiri Hills, S India	Raith et al. 1990	47		R	I	GrtOpxPlQtz			0.110	0.345	0.633	0.020	697	9.36	701	9.43	704	9.44	4	0.07	3	0.01	7	0.08							
Nilgiri Hills, S India	Raith et al. 1990	48		R	I	GrtOpxPlQtzKfs			0.117	0.333	0.597	0.018	776	10.17	723	9.27	695	9.15	-53	-0.90	-28	-0.12	-81	-1.02							
Nilgiri Hills, S India	Raith et al. 1990	49		R	M	GrtOpxCpxPlQtz			0.199	0.244	0.526	0.020	789	9.77	850	10.85	878	10.99	61	1.08	28	0.14	89	1.22							

Nilgiri Hills, S India	Raith et al. 1990	50		R	I	BtGrtOpxPlKfsQtz			0.070	0.288	0.560	0.038	681	7.16	824	9.35	892	9.57	143	2.19	68	0.22	211	2.41							
Nilgiri Hills, S India	Raith et al. 1990	51		R	I	BtGrtOpxPlQtz			0.110	0.281	0.588	0.035	643	7.26	808	9.85	900	10.13	165	2.59	92	0.28	257	2.87							
Nilgiri Hills, S India	Raith et al. 1990	52		R	M	HblGrtOpxCpxPlQtz			0.177	0.335	0.655	0.032	680	9.47	830	12.09	941	12.57	150	2.62	111	0.48	261	3.10							
Nilgiri Hills, S India	Raith et al. 1990	53		R	I	BtGrtOpxPlQtzKfs			0.096	0.296	0.577	0.035	691	8.20	833	10.55	907	10.85	142	2.35	74	0.30	216	2.65							
Nilgiri Hills, S India	Raith et al. 1990	54		R	M	GrtOpxCpxPl			0.177	0.322	0.622	0.035	750	9.36	880	11.33	958	11.46	130	1.97	78	0.13	208	2.10							
Nilgiri Hills, S India	Raith et al. 1990	55		R	I	BtGrtOpxPlQtz			0.107	0.303	0.621	0.025	626	8.25	732	10.09	799	10.41	106	1.84	67	0.32	173	2.16							
Nilgiri Hills, S India	Raith et al. 1990	56		R	I	BtGrtOpxPlQtz			0.077	0.378	0.653	0.035	680	8.63	766	9.99	819	10.15	86	1.36	53	0.16	139	1.52							
Nilgiri Hills, S India	Raith et al. 1990	57		R	M	BtGrtOpxPlQtz			0.177	0.292	0.570	0.040	792	10.40	982	13.81	1081	14.35	190	3.41	99	0.54	289	3.95							
Nilgiri Hills, S India	Raith et al. 1990	58		R	M	GrtOpxCpxPl			0.187	0.236	0.515	0.023	780	9.94	880	11.76	925	12.02	100	1.82	45	0.26	145	2.08							
Nilgiri Hills, S India	Raith et al. 1990	61		R	M	GrtOpxCpxPl			0.177	0.365	0.675	0.018	701	10.34	696	10.26	692	10.24	-5	-0.08	-4	-0.02	-9	-0.10							
Nilgiri Hills, S India	Raith et al. 1990	64		R	M	HblGrtOpxCpxPl			0.163	0.355	0.638	0.018	765	10.66	733	10.10	712	10.00	-32	-0.56	-21	-0.10	-53	-0.66							
Nilgiri Hills, S India	Raith et al. 1990	65		R	M	HblGrtOpxCpxPl			0.170	0.365	0.655	0.025	744	10.12	790	10.90	822	11.01	46	0.78	32	0.11	78	0.89							
Nilgiri Hills, S India	Raith et al. 1990	68		R	M	HblGrtOpxCpxPl			0.169	0.359	0.597	0.020	898	10.38	792	8.92	739	8.91	-106	-1.46	-53	-0.01	-159	-1.47							
Nilgiri Hills, S India	Raith et al. 1990	72		R	M	GrtOpxCpxPl			0.153	0.209	0.548	0.013	575	5.16	670	6.54	721	6.63	95	1.38	51	0.09	146	1.47							
Nilgiri Hills, S India	Raith et al. 1990	76		R	I	BtGrtOpxPlQtz			0.103	0.356	0.656	0.030	647	8.58	742	10.16	807	10.40	95	1.58	65	0.24	160	1.82							
Nilgiri Hills, S India	Raith et al. 1990	78		R	M	HblGrtOpxCpxPl			0.170	0.388	0.673	0.018	748	10.59	709	9.92	680	9.81	-39	-0.67	-29	-0.11	-68	-0.78							
Nilgiri Hills, S India	**Raith et al. 1990**	**Average**	**51**	**R**	**M/I**		**750**	**8.0**	**0.130**	**0.315**	**0.606**	**0.025**	**700**	**8.68**	**764**	**9.73**	**801**	**9.86**	**64**	**1.05**	**37**	**0.14**	**101**	**1.18**	**51**	**1.86**					
		Standard deviation							***0.051***	***0.049***	***0.049***	***0.007***	***73***	***1.45***	***73***	***1.45***	***90***	***1.52***	***60***	***0.99***	***35***	***0.14***	***94***	***1.12***							
Paderu, S India	Lal et al. 87	pader252		R	A	GrtOpxSilSplCrdQtzPlKfsBtsymplec			0.023	0.432	0.551	0.075	1156	8.99	1018	7.34	923	8.26	-138	-1.65	-95	0.92	-233	-0.73							
Paderu, S India	Lal et al. 87	pader259		R	A	GrtOpxSilCrdQtzKfsBtsymplec			0.020	0.509	0.711	0.103	698	4.74	845	5.69	914	5.25	147	0.95	69	-0.44	216	0.51							
Paderu, S India	Lal et al. 87	pader320		R	A	GrtSilOpxSplSaphCrdQtzKfsBtCrnSymplectite!!			0.008	0.519	0.721	0.070	*742*	*10.00*	*837*	*10.00*	*890*	*10.00*	*95*	*0.00*	*53*	*0.00*	*148*	*0.00*							
Paderu, S India	**Lal et al. 87**	**Average**	**3**	**R**	**A**		**900**	**6.5**	**0.017**	**0.487**	**0.661**	**0.083**	**865**	**7.91**	**900**	**7.68**	**909**	**7.84**	**35**	**-0.23**	**9**	**0.16**	**44**	**-0.07**	**9**	**1.34**					
		Standard deviation							***0.008***	***0.048***	***0.095***	***0.018***	***253***	***2.79***	***102***	***2.17***	***17***	***2.40***	***152***	***1.32***	***90***	***0.69***	***242***	***0.62***							
Palghat Gap, S India	Ravindra Kumar et al 94	pal-112		R	M	GrtOpxCpxHblPlQtzKfsBt			0.180	0.357	0.564	0.031	1020	12.03	935	10.73	897	10.65	-85	-1.30	-38	-0.08	-123	-1.38							
Palghat Gap, S India	Ravindra Kumar et al 94	pal-112a		R	M	GrtOpxCpxHblPlQtzKfsBt			0.182	0.351	0.570	0.029	970	11.22	914	10.39	888	10.35	-56	-0.83	-26	-0.04	-82	-0.87							
Palghat Gap, S India	Ravindra Kumar et al 94	pal-122		R	M	GrtOpxCpxHblPlQtzKfsBt			0.196	0.362	0.595	0.032	945	11.73	969	12.12	980	12.13	24	0.39	11	0.01	35	0.40							
Palghat Gap, S India	Ravindra Kumar et al 94	pal-170		R	M	GrtOpxCpxHblPlQtzKfsBt			0.178	0.309	0.547	0.021	902	10.74	867	10.18	851	10.13	-35	-0.56	-16	-0.05	-51	-0.61							
Palghat Gap, S India	**Ravindra Kumar et al 9**	**Average**	**4**	**R**	**M**		**850**	**9.5**	**0.184**	**0.345**	**0.569**	**0.028**	**959**	**11.43**	**921**	**10.86**	**904**	**10.82**	**-38**	**-0.58**	**-17**	**-0.04**	**-55**	**-0.62**	**54**	**1.32**					
		Standard deviation							***0.008***	***0.024***	***0.020***	***0.005***	***49***	***0.57***	***43***	***0.87***	***54***	***0.90***	***46***	***0.71***	***21***	***0.04***	***67***	***0.75***							
Palni Hills, S India	**Raith et al 97**	**PH-172b**	**1**	**R**	**A**	**GrtOpxCrdPlKfsSaphSpl**	**950**	**10.0**	**0.046**	**0.548**	**0.683**	**0.080**	**1100**	**14.13**	**1059**	**13.45**	**1033**	**13.52**	**-41**	**-0.68**	**-26**	**0.07**	**-67**	**-0.61**	**83**	**3.52**					
Pikwitonei, Manitoba	Arima & Barnett 84	pikpo4a1		R	A	GrtOpxSaphSilKfsPlQtzBtAntiperthite			0.026	0.563	0.731	0.068	851	8.79	843	8.69	835	8.74	-8	-0.10	-8	0.05	-16	-0.05							
Pikwitonei, Manitoba	Arima & Barnett 84	pikpo4b		R	A	GrtOpxSaphSilKfsPlQtzBt			0.038	0.544	0.735	0.086	768	8.70	910	10.51	980	10.63	142	1.81	70	0.12	212	1.93							
Pikwitonei, Manitoba	**Arima & Barnett 84**	**Average**	**2**	**R**	**A**		**830**	**9.0**	**0.032**	**0.554**	**0.733**	**0.077**	**810**	**8.75**	**877**	**9.60**	**908**	**9.69**	**67**	**0.86**	**31**	**0.09**	**98**	**0.94**	**78**	**0.69**					
		Standard deviation							***0.008***	***0.013***	***0.003***	***0.013***	***59***	***0.06***	***47***	***1.29***	***103***	***1.34***	***106***	***1.35***	***55***	***0.05***	***161***	***1.40***							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/118		R	I	GrtOpxPl±Kfs±Bt			0.040	0.388	0.579	0.080	853	6.83	972	8.18	1017	8.10	119	1.35	45	-0.08	164	1.27							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/71		R	I	GrtOpxPl±Kfs±Bt			0.041	0.350	0.587	0.043	728	6.06	799	6.98	832	6.97	71	0.92	33	-0.01	104	0.91							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/63		R	I	GrtOpxPl±Kfs±Bt			0.085	0.189	0.387	0.020	836	7.52	825	7.36	822	7.35	-11	-0.16	-3	-0.01	-14	-0.17							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/59		R	I	GrtOpxPl±Kfs±Bt			0.075	0.280	0.521	0.035	755	6.77	853	8.11	890	8.14	98	1.34	37	0.03	135	1.37							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/334		R	I	GrtOpxPl±Kfs±Bt			0.027	0.300	0.529	0.043	725	5.18	818	6.37	853	6.40	93	1.19	35	0.03	128	1.22							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/2		R	I	GrtOpxPl±Kfs±Bt			0.051	0.329	0.560	0.032	768	6.83	779	6.97	783	6.97	11	0.14	4	0.00	15	0.14							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/108		R	I	GrtOpxPl±Kfs±Bt			0.075	0.237	0.489	0.023	706	5.90	772	6.83	796	6.87	66	0.93	24	0.04	90	0.97							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/88		R	I	GrtOpxPl±Kfs±Bt			0.041	0.376	0.599	0.078	747	6.04	932	8.12	1013	7.95	185	2.08	81	-0.17	266	1.91							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/65		R	I	GrtOpxPl±Kfs±Bt			0.051	0.382	0.566	0.072	886	6.76	973	7.60	1004	7.47	87	0.84	31	-0.13	118	0.71							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/50		R	I	GrtOpxPl±Kfs±Bt			0.044	0.313	0.519	0.068	806	5.88	959	7.69	1012	7.64	153	1.81	53	-0.05	206	1.76							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/41		R	I	GrtOpxPl±Kfs±Bt			0.050	0.292	0.503	0.032	789	5.01	788	5.00	788	5.00	-1	-0.01	0	0.00	-1	-0.01							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/38		R	I	GrtOpxPl±Kfs±Bt			0.051	0.254	0.476	0.047	752	5.35	902	7.28	951	7.30	150	1.93	49	0.02	199	1.95							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/333		R	I	GrtOpxPl±Kfs±Bt			0.081	0.296	0.492	0.035	903	7.64	865	7.19	853	7.20	-38	-0.45	-12	0.01	-50	-0.44							
Prydz Bay, Antarctica	Fitzs. & Harley 94	88/168		R	I	GrtOpxPl±Kfs±Bt			0.037	0.364	0.588	0.080	742	5.85	938	8.15	1023	8.04	196	2.30	85	-0.11	281	2.19							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/40		R	I	GrtOpxPl±Kfs±Bt			0.064	0.240	0.500	0.020	688	5.90	714	6.28	724	6.30	26	0.38	10	0.02	36	0.40							
Prydz Bay, Antarctica	Fitzs. & Harley 94	89/106		R	I	GrtOpxPl±Kfs±Bt			0.068	0.263	0.511	0.038	724	6.18	848	7.88	895	7.94	124	1.70	47	0.06	171	1.76							
Prydz Bay, Antarctica	**Fitzs. & Harley 94**	**Average**	**16**	**R**	**I**		**860**	**6.0**	**0.055**	**0.303**	**0.525**	**0.047**	**776**	**6.23**	**859**	**7.25**	**891**	**7.23**	**83**	**1.02**	**32**	**-0.02**	**116**	**1.00**	**31**	**1.23**					
		Standard deviation							***0.017***	***0.059***	***0.054***	***0.022***	***64***	***0.77***	***80***	***0.86***	***100***	***0.83***	***71***	***0.85***	***28***	***0.07***	***99***	***0.83***							
Prydz Bay, E Antarctica	**Thost et al 91**	**8813001**	**1**	**R**	**M**	**GrtCpxOpxPlHblQtz**	**850**	**7.0**	**0.173**	**0.381**	**0.644**	**0.025**	**808**	**9.31**	**786**	**9.05**	**771**	**9.08**	**-22**	**-0.26**	**-15**	**0.03**	**-37**	**-0.23**	**-79**	**2.08**					
Quetico NE, Ontario	Percival/McGrath 86	quet-1		R	I	GrtOpxBtPl±Kfs			0.040	0.271	0.571	0.043	556	3.89	759	6.67	844	7.20	203	2.78	85	0.53	288	3.31							
Quetico NE, Ontario	Percival/McGrath 86	quet-2		R	I	GrtOpxBtPl±Kfs			0.034	0.331	0.602	0.058	618	4.65	776	6.69	846	7.00	158	2.04	70	0.31	228	2.35							
Quetico NE, Ontario	Percival/McGrath 86	quet-4		R	I	GrtOpxBtPl±Kfs			0.047	0.263	0.586	0.055	538	5.29	875	10.57	1019	11.54	337	5.28	144	0.97	481	6.25							
Quetico NE, Ontario	Percival/McGrath 86	quet-5		R	I	GrtOpxBtPl±Kfs			0.034	0.350	0.591	0.065	696	5.79	853	7.84	910	8.17	157	2.05	57	0.33	214	2.38							
Quetico NE, Ontario	Percival/McGrath 86	quet-6		R	I	GrtOpxBtPl±Kfs			0.039	0.350	0.591	0.065	696	5.79	853	7.84	910	8.17	157	2.05	57	0.33	214	2.38							
Quetico NE, Ontario	Percival/McGrath 86	quet-7		R	I	GrtOpxBtPl±Kfs			0.044	0.297	0.551	0.061	681	5.17	718	5.66	720	5.83	37	0.49	2	0.17	39	0.66							
Quetico NE, Ontario	**Percival/McGrath 86**	**Average**	**6**	**R**	**I**		**700**	**5.0**	**0.040**	**0.310**	**0.582**	**0.058**	**631**	**5.10**	**806**	**7.55**	**875**	**7.99**	**175**	**2.45**	**69**	**0.44**	**244**	**2.89**	**175**	**2.99**					
		Standard deviation							***0.005***	***0.039***	***0.018***	***0.008***	***71***	***0.73***	***63***	***1.70***	***99***	***1.95***	***97***	***1.58***	***46***	***0.28***	***143***	***1.86***							
Quetico S-Central, Ontario	Pan et al. 94	YP01B		R	I	GrtOpxBtPlKfs			0.027	0.348	0.535	0.058	858	5.61	882	5.89	885	5.99	24	0.28	3	0.10	27	0.38							
Quetico S-Central, Ontario	Pan et al. 94	G409		R	I	GrtOpxBtPlKfs			0.040	0.293	0.547	0.040	677	5.06	785	6.43	816	6.66	108	1.37	31	0.23	139	1.60							
Quetico S-Central, Ontario	Pan et al. 94	G229		R	I	GrtOpxBtPlKfs			0.033	0.326	0.529	0.040	816	5.87	816	5.87	811	5.93	0	0.00	-5	0.06	-5	0.06							
Quetico S-Central, Ontario	**Pan et al. 94**	**Average**	**3**	**R**	**I**		**725**	**5.0**	**0.033**	**0.322**	**0.537**	**0.046**	**784**	**5.51**	**828**	**6.06**	**837**	**6.19**	**44**	**0.55**	**10**	**0.13**	**54**	**0.68**	**112**	**1.19**					
		Standard deviation							***0.007***	***0.028***	***0.009***	***0.010***	***95***	***0.41***	***50***	***0.32***	***41***	***0.41***	***57***	***0.72***	***19***	***0.09***	***76***	***0.81***							
Rauer Group, E Antarctica	Harley & Fitzsimons, 91	88-335		R	I	GrtOpxPlQtz			0.110	0.315	0.546	0.030	832	8.61	845	8.80	850	8.80	13	0.19	5	0.00	18	0.19							
Rauer Group, E Antarctica	Harley & Fitzsimons, 91	65768c		R	I	GrtOpxPlQtz			0.070	0.480	0.684	0.052	844	11.23	898	12.10	929	12.18	54	0.87	31	0.08	85	0.95							
Rauer Group, E Antarctica	Harley & Fitzsimons, 91	88-218a		R	I	GrtOpxPlQtzBt			0.033	0.660	0.804	0.080	815	9.36	847	9.73	868	9.69	32	0.37	21	-0.04	53	0.33							
Rauer Group, E Antarctica	**Harley & Fitzsimons, 91**	**Average**	**3**	**R**	**I**		**1025**	**11.0**	**0.071**	**0.485**	**0.678**	**0.054**	**830**	**9.73**	**863**	**10.21**	**882**	**10.22**	**33**	**0.48**	**19**	**0.01**	**52**	**0.49**	**-143**	**-0.78**					
		Standard deviation							***0.039***	***0.173***	***0.129***	***0.025***	***15***	***1.35***	***30***	***1.70***	***41***	***1.75***	***21***	***0.35***	***13***	***0.06***	***34***	***0.40***							
San Gabriel, S California	Barth & May 92	273b		R	M	GrtOpxPlQtzBtKfs?			0.115	0.344	0.590	0.021	800	9.11	757	8.47	725	8.48	-43	-0.64	-32	0.01	-75	-0.63							
San Gabriel, S California	Barth & May 92	cb86-1a		R	M	GrtOpxCpxHblPlQtzBtKfs?			0.179	0.317	0.583	0.013	815	9.38	709	7.85	656	7.77	-106	-1.53	-53	-0.08	-159	-1.61							
San Gabriel, S California	Barth & May 92	cb88-5		R	M	GrtOpxCpxHblPlQtzBtKfs?			0.178	0.289	0.528	0.012	900	10.32	747	7.98	685	7.87	-153	-2.34	-62	-0.11	-215	-2.45							
San Gabriel, S California	Barth & May 92	cc83-157		R	M	GrtOpxCpxPlQtzBtKfs?			0.118	0.375	0.615	0.024	817	9.68	781	9.13	758	9.09	-36	-0.55	-23	-0.04	-59	-0.59							
San Gabriel, S California	**Barth & May 92**	**Average**	**4**	**R**	**M**		**750**	**8.0**	**0.148**	**0.331**	**0.579**	**0.018**	**833**	**9.62**	**749**	**8.36**	**706**	**8.30**	**-85**	**-1.27**	**-43**	**-0.05**	**-127**	**-1.32**	**-44**	**0.30**					
		Standard deviation							***0.036***	***0.037***	***0.037***	***0.006***	***45***	***0.52***	***30***	***0.58***	***45***	***0.61***	***55***	***0.84***	***18***	***0.05***	***73***	***0.89***							
Scourie, Scotland	Savage & Sills, 80	SCOUR84		R	M	?GrtOpxCpxHblPlQtz	850	12.0	0.176	0.383	0.654	0.034	784	9.91	872	11.13	926	11.11	88	1.22	54	-0.02	142	1.20	76	-0.89					
Scourie, Scotland	Rollinson 81	275		R	I	GrtOpxBtPlQtz	820	11.0	0.067	0.326	0.565	0.032	769	8.40	819	9.17	830	9.32	50	0.77	11	0.15	61	0.92	10	-1.68					
Scourie, Scotland		**Average**	**2**	**R**	**M/I**		**835**	**11.5**	**0.122**	**0.355**	**0.610**	**0.033**	**777**	**9.16**	**846**	**10.15**	**878**	**10.22**	**69**	**1.00**	**33**	**0.06**	**102**	**1.06**	**43**	**-1.29**					
		Standard deviation							***0.077***	***0.040***	***0.063***	***0.001***	***11***	***1.07***	***37***	***1.39***	***68***	***1.27***	***27***	***0.32***	***30***	***0.12***	***57***	***0.20***							
Scotland NE aureoles	Ash/Chinn 78; Droop 85	belhm5		C	A	GrtOpxCrdBtPlKfs			0.023	0.220	0.422	0.052	748	4.50	881	4.50	896	4.50	133	0.00	15	0.00	148	0.00							

Scotland NE aureoles	Ash/Chinn 78; Droop 85	belsp1d		C	A	GrtOpxCrdBtPlKfs			0.030	0.284	0.532	0.065	664	4.50	841	4.50	873	4.50	177	0.00	32	0.00	209	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	hp105570		C	A	GrtOpxCrdBtPlKfs			0.053	0.280	0.546	0.045	650	4.50	796	4.50	843	4.50	146	0.00	47	0.00	193	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	hp82891		C	A	GrtOpxCrdBtPlKfs			0.036	0.165	0.356	0.025	737	4.50	790	4.50	798	4.50	53	0.00	8	0.00	61	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	hpcb1		C	A	GrtOpxCrdBtPlKfs			0.050	0.319	0.529	0.045	788	4.50	820	4.50	807	4.50	32	0.00	-13	0.00	19	0.00						
Scotland NE aureoles	**Ash/Chinn 78; Droop 85**	**Average**	**5**	**C**	**A**		**800**	**4.5**	**0.038**	**0.254**	**0.477**	**0.046**	**717**	**4.50**	**826**	**4.50**	**843**	**4.50**	**108**	**0.00**	**18**	**0.00**	**126**	**0.00**	**43**	**0.00**				
		Standard deviation							***0.013***	***0.061***	***0.084***	***0.014***	***59***	***0.00***	***37***	***0.00***	***42***	***0.00***	***63***	***0.00***	***23***	***0.00***	***83***	***0.00***						
Sri Lanka Highland Series	Schumacher et al 90	K130-1 cores		R	M	GrtOpxCpxPlQtz(+Hbl?)			0.184	0.290	0.521	0.020	935	10.18	848	8.98	815	8.97	-87	-1.20	-33	-0.01	-120	-1.21						
Sri Lanka Highland Series	Schumacher et al 90	K144-4 rims		R	M	GrtOpxCpxPlQtz(+Hbl?)			0.184	0.232	0.521	0.018	740	7.28	777	7.73	792	7.70	37	0.45	15	-0.03	52	0.42						
Sri Lanka Highland Series	Schumacher et al 90	K1-5		R	I	GrtOpxPl+?			0.095	0.336	0.596	0.027	709	6.90	799	8.11	846	8.09	90	1.21	47	-0.02	137	1.19						
Sri Lanka Highland Series	Schumacher et al 90	K200 rim/symplect		R	M	GrtOpxPl+?			0.216	0.179	0.474	0.015	729	7.63	799	8.66	824	8.68	70	1.03	25	0.02	95	1.05						
Sri Lanka Highland Series	Schumacher et al 90	K242-2 f grained		R	I	GrtOpxPl+?			0.053	0.215	0.485	0.027	631	4.35	747	5.94	791	6.03	116	1.59	44	0.09	160	1.68						
Sri Lanka Highland Series	Schumacher et al 90	K302		R	I	GrtOpxPl+?			0.069	0.197	0.469	0.020	628	4.29	719	5.52	751	5.57	91	1.23	32	0.05	123	1.28						
Sri Lanka Highland Series	Schumacher et al 90	K355-1		R	M	GrtOpxCpxPlQtz(+Hbl?)			0.182	0.238	0.505	0.015	804	9.26	800	9.19	798	9.18	-4	-0.07	-2	-0.01	-6	-0.08						
Sri Lanka Highland Series	Schumacher et al 90	K408 rims/symplect		R	M	GrtOpxPl+?			0.158	0.286	0.580	0.015	710	7.66	717	7.76	721	7.75	7	0.10	4	-0.01	11	0.09						
Sri Lanka Highland Series	Schumacher et al 90	K460-1		R	I	GrtOpxPl+?			0.056	0.223	0.505	0.035	612	4.31	797	6.74	869	6.79	185	2.43	72	0.05	257	2.48						
Sri Lanka Highland Series	Schumacher et al 90	K50-1		R	M	GrtOpxCpxPlQtz(+Hbl?)			0.192	0.169	0.385	0.013	881	9.36	833	8.58	821	8.54	-48	-0.78	-12	-0.04	-60	-0.82						
Sri Lanka Highland Series	**Schumacher et al 90**	**Average**	**10**	**R**	**M/I**		**820**	**8.0**	**0.139**	**0.237**	**0.504**	**0.021**	**738**	**7.12**	**784**	**7.72**	**803**	**7.73**	**46**	**0.60**	**19**	**0.01**	**65**	**0.61**	**-17**	**-0.27**				
		Standard deviation							***0.063***	***0.053***	***0.059***	***0.007***	***108***	***2.19***	***44***	***1.27***	***43***	***1.24***	***81***	***1.11***	***31***	***0.04***	***112***	***1.14***						
Sri Lanka	**Hansen et al. 87**	**d4-n2**	**1**	**R**	**I**	**GrtOpxPl**			**0.166**	**0.289**	**0.528**	**0.023**	**862**	**10.21**	**888**	**10.65**	**897**	**10.68**	**26**	**0.44**	**9**	**0.03**	**35**	**0.47**	**897**	**10.68**				
Sveconorwegian Belt	Johansson et al 91	HALLANDSAS		R	M	?			0.186	0.263	0.561	0.015	746	8.86	738	8.74	733	8.71	-8	-0.12	-5	-0.03	-13	-0.15						
Sveconorwegian Belt	Johansson et al 91	TYLOSAND		R	M	?			0.191	0.231	0.526	0.013	750	9.52	766	9.83	773	9.85	16	0.31	7	0.02	23	0.33						
Sveconorwegian Belt	**Johansson et al 91**	**Average**	**2**	**R**	**M**		**?**	**?**	**0.189**	**0.247**	**0.544**	**0.014**	**748**	**9.19**	**752**	**9.29**	**753**	**9.28**	**4**	**0.10**	**1**	**0.00**	**5**	**0.09**	**?**	**?**				
		Standard deviation							***0.004***	***0.023***	***0.025***	***0.001***	***3***	***0.47***	***20***	***0.77***	***28***	***0.81***	***17***	***0.30***	***8***	***0.04***	***25***	***0.34***						
Taltson, NWT	Berman&Bostock 97	106b		R	I	GrtOpxBtKfsPlQtz			0.030	0.337	0.523	0.063	851	5.22	878	5.52	887	5.52	27	0.30	9	0.00	36	0.30						
Taltson, NWT	Berman&Bostock 97	145b		R	I	GrtOpxBtKfsPlQtz			0.040	0.304	0.529	0.052	748	6.25	902	8.37	957	8.54	154	2.12	55	0.17	209	2.29						
Taltson, NWT	Berman&Bostock 97	187c		R	I	GrtOpxBtKfsPlQtz			0.030	0.313	0.508	0.063	835	6.23	922	7.36	949	7.41	87	1.13	27	0.05	114	1.18						
Taltson, NWT	Berman&Bostock 97	2063a		R	A	GrtOpxCrdSplBtKfsPlQtz			0.020	0.281	0.436	0.080	936	5.68	996	6.42	1010	6.45	60	0.74	14	0.03	74	0.77						
Taltson, NWT	Berman&Bostock 97	223b		R	A	GrtOpxCrdMsBtKfsPlQtz			0.030	0.323	0.497	0.058	911	6.30	917	6.37	919	6.37	6	0.07	2	0.00	8	0.07						
Taltson, NWT	Berman&Bostock 97	258a		R	I	GrtOpxSplBtKfsPlQtz			0.030	0.284	0.463	0.072	864	5.73	979	7.14	1010	7.20	115	1.41	31	0.06	146	1.47						
Taltson, NWT	Berman&Bostock 97	310a		R	I	GrtOpxSplBtPlQtz			0.039	0.276	0.433	0.052	987	8.56	955	8.10	947	8.06	-32	-0.46	-8	-0.04	-40	-0.50						
Taltson, NWT	Berman&Bostock 97	317a		R	I	GrtOpxBtKfsPlQtz			0.030	0.323	0.535	0.072	771	5.62	942	7.75	1001	7.84	171	2.13	59	0.09	230	2.22						
Taltson, NWT	Berman&Bostock 97	353a		R	I	GrtOpxBtKfsPlQtz			0.050	0.215	0.458	0.050	676	4.23	873	6.68	932	6.83	197	2.45	59	0.15	256	2.60						
Taltson, NWT	Berman&Bostock 97	40a		R	A	GrtOpxCrdSplBtPlQtz			0.030	0.333	0.516	0.055	869	5.34	872	5.37	872	5.37	3	0.03	0	0.00	3	0.03						
Taltson, NWT	Berman&Bostock 97	505b		R	I	GrtOpxSplBtKfsPlQtz			0.030	0.389	0.580	0.060	851	6.04	867	6.21	872	6.21	16	0.17	5	0.00	21	0.17						
Taltson, NWT	Berman&Bostock 97	59a		R	I	GrtOpxBtPlQtz			0.100	0.161	0.335	0.023	873	7.66	892	7.94	895	7.94	19	0.28	3	0.00	22	0.28						
Taltson, NWT	Berman&Bostock 97	59b		R	I	GrtOpxBtPlQtz			0.030	0.253	0.466	0.040	754	4.48	820	5.26	838	5.30	66	0.78	18	0.04	84	0.82						
Taltson, NWT	Berman&Bostock 97	718a		R	I	GrtOpxBtKfsPlQtz			0.030	0.274	0.461	0.052	832	4.66	868	5.06	878	5.07	36	0.40	10	0.01	46	0.41						
Taltson, NWT	Berman&Bostock 97	96b		R	A	GrtOpxCrdBtKfsPlQtz			0.030	0.344	0.529	0.075	854	5.89	944	6.93	973	6.95	90	1.04	29	0.02	119	1.06						
Taltson, NWT	**Berman&Bostock 97**	**Average**	**15**	**R**	**I/A**		**980**	**7.0**	**0.037**	**0.294**	**0.485**	**0.058**	**841**	**5.86**	**908**	**6.70**	**929**	**6.74**	**68**	**0.84**	**21**	**0.04**	**89**	**0.88**	**-51**	**-0.26**				
		Standard deviation							***0.019***	***0.056***	***0.059***	***0.015***	***79***	***1.13***	***48***	***1.08***	***55***	***1.10***	***67***	***0.87***	***22***	***0.06***	***89***	***0.92***						
Tasiusarsuaq, W Greenland	Riciputi et al 90	6728-22		R	M	GrtOpxCpxHblPlQtz			0.184	0.265	0.549	0.016	770	8.96	775	9.05	777	9.05	5	0.09	2	0.00	7	0.09						
Tasiusarsuaq, W Greenland	Riciputi et al 90	6728-27		R	M	GrtOpxCpxHblPlQtz			0.185	0.259	0.546	0.019	762	8.73	799	9.30	816	9.32	37	0.57	17	0.02	54	0.59						
Tasiusarsuaq, W Greenland	**Riciputi et al 90**	**Average**	**2**	**R**	**M**		**780**	**8.9**	**0.185**	**0.262**	**0.548**	**0.018**	**766**	**8.85**	**787**	**9.18**	**797**	**9.19**	**21**	**0.33**	**10**	**0.01**	**31**	**0.34**	**17**	**0.29**				
		Standard deviation							***0.001***	***0.004***	***0.002***	***0.002***	***6***	***0.16***	***17***	***0.18***	***28***	***0.19***	***23***	***0.34***	***11***	***0.01***	***33***	***0.35***						
Torngat, Labrador	Mengel & Rivers, 91	F84-110		R	I	GrtOpxBtPlQtz	800	10.0	0.097	0.322	0.626	0.038	630	7.13	752	8.92	830	9.07	122	1.79	78	0.15	200	1.94						
Torngat, Labrador	Mengel & Rivers, 91	MZ-194rim		R	M	GrtOpxCpxHblPlQtz	800	10.0	0.163	0.340	0.642	0.027	706	9.13	795	10.57	861	10.65	89	1.44	66	0.08	155	1.52						
Torngat, Labrador	Mengel & Rivers, 97	25b		R	M	GrtOpxCpxBtPlQtz	650	7.0	0.190	0.304	0.642	0.020	658	8.40	726	9.35	765	9.38	68	0.95	39	0.03	107	0.98						
Torngat, Labrador	**Mengel & Rivers, 91, 97**	**Average**	**3**	**R**	**M/I**		**800**	**10.0**	**0.150**	**0.322**	**0.637**	**0.028**	**665**	**8.22**	**758**	**9.61**	**819**	**9.70**	**93**	**1.39**	**61**	**0.09**	**154**	**1.48**	**19**	**-0.30**				
		Standard deviation							***0.048***	***0.018***	***0.009***	***0.009***	***38***	***1.01***	***35***	***0.86***	***49***	***0.84***	***27***	***0.42***	***20***	***0.06***	***47***	***0.48***						
Ungava, Quebec	**St-Onge & Lucas 95**	**UNGD-192**	**1**	**R**	**M**	**GrtOpxCpxHblBtPlKfs?**	**800**	**4.0**	**0.160**	**0.150**	**0.510**	**0.013**	**518**	**4.80**	**702**	**7.13**	**766**	**7.17**	**184**	**2.33**	**64**	**0.04**	**248**	**2.37**	**-34**	**3.17**				
Val Rita, Ontario	Percival/McGrath 86	vr-1		R	I	GrtOpxBtPl+Kfs			0.178	0.225	0.518	0.013	724	8.87	737	9.12	730	9.16	13	0.25	-7	0.04	6	0.29						
Val Rita, Ontario	Percival/McGrath 86	vr-2		R	I	GrtOpxBtPl+Kfs			0.155	0.225	0.533	0.013	675	8.33	700	8.80	696	8.88	25	0.47	-4	0.08	21	0.55						
Val Rita, Ontario	Percival/McGrath 86	vr-3		R	I	GrtOpxBtPl+Kfs			0.079	0.287	0.591	0.023	620	6.55	673	7.39	685	7.60	53	0.84	12	0.21	65	1.05						
Val Rita, Ontario	Percival/McGrath 86	vr-4		R	I	GrtOpxBtPl+Kfs			0.070	0.315	0.597	0.038	650	6.53	766	8.21	817	8.46	116	1.68	51	0.25	167	1.93						
Val Rita, Ontario	Percival/McGrath 86	vr-5		R	I	GrtOpxBtPl+Kfs			0.063	0.302	0.604	0.038	601	6.20	739	8.28	813	8.56	138	2.08	74	0.28	212	2.36						
Val Rita, Ontario	**Percival/McGrath 86**	**Average**	**5**	**R**	**I**		**700**	**8.0**	**0.109**	**0.271**	**0.569**	**0.025**	**654**	**7.30**	**723**	**8.36**	**748**	**8.53**	**69**	**1.06**	**25**	**0.17**	**94**	**1.24**	**48**	**0.53**				
		Standard deviation							***0.053***	***0.043***	***0.040***	***0.013***	***48***	***1.21***	***37***	***0.66***	***63***	***0.59***	***55***	***0.79***	***36***	***0.11***	***91***	***0.89***						
AVERAGES																														
LOCALITIES	**62**	**SAMPLES**	**414**				**730**	**7.44**	**0.088**	**0.266**	**0.485**	**0.033**	**675**	**6.75**	**733**	**7.43**	**758**	**7.49**	**66**	**0.77**	**27**	**0.07**	**93**	**0.83**	**28**	**0.05**				
Ballachulish aureole, Scotland	Pattison 91,unpub	D568-1		C	A	GrtOpxCrdBtPlKfs			0.032	0.189	0.347	0.032	850	3.53	832	3.35	822	3.49	-18	-0.18	-10	0.14	-28	-0.04						
Ballachulish aureole, Scotland	Pattison 91,unpub	D568-2		C	A	GrtOpxCrdBtPlKfs			0.033	0.178	0.356	0.038	772	2.76	830	3.36	838	3.43	58	0.60	8	0.07	66	0.67						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	belhm5		C	A	GrtOpxCrdBtPlKfs			0.023	0.220	0.422	0.052	748	4.50	881	4.50	896	4.50	133	0.00	15	0.00	148	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	belsp1d		C	A	GrtOpxCrdBtPlKfs			0.030	0.284	0.532	0.065	664	4.50	841	4.50	873	4.50	177	0.00	32	0.00	209	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	hp105570		C	A	GrtOpxCrdBtPlKfs			0.053	0.280	0.546	0.045	650	4.50	796	4.50	843	4.50	146	0.00	47	0.00	193	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	hp82891		C	A	GrtOpxCrdBtPlKfs			0.036	0.165	0.356	0.025	737	4.50	790	4.50	798	4.50	53	0.00	8	0.00	61	0.00						
Scotland NE aureoles	Ash/Chinn 78; Droop 85	hpcb1		C	A	GrtOpxCrdBtPlKfs			0.050	0.319	0.529	0.045	788	4.50	820	4.50	807	4.50	32	0.00	-13	0.00	19	0.00						
Scotland/Bally		**Average**	**7**						**0.037**	**0.234**	**0.441**	**0.043**	**744**	**4.11**	**827**	**4.17**	**840**	**4.20**	**83**	**0.06**	**12**	**0.03**	**95**	**0.09**	**840**	**4.20**				
		St Dev							***0.011***	***0.060***	***0.092***	***0.013***	***70***	***0.70***	***30***	***0.56***	***35***	***0.51***	***70***	***0.25***	***22***	***0.06***	***90***	***0.26***						