

Maw-sit-sit (Kosmochlore-Jade) :

A metamorphic rock with a complex composition from Myanmar (Burma)

Research carried out by H.A.Hänni & Jürg Meyer in 1984

Results of Kosmochlor analysis (structural formulae) from Maw-sit-sit samples and Chrome-jadeite analyses:

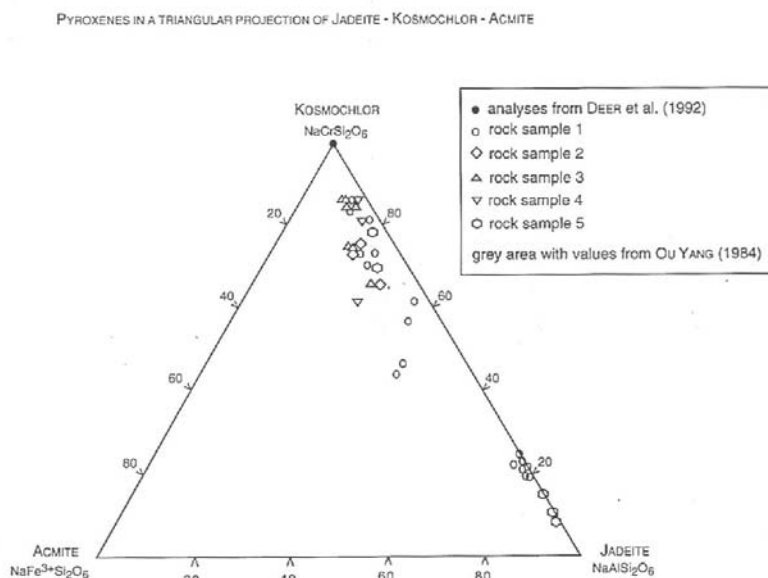
Kosmochlor analyses (structural formulae) from Maw Sit Sit samples

Si	Al	Cr	Fe ^{tot}	Mn	Mg	Ca	Na	Ur	Jd	Ac	Ur+Ac	Jd	Rest
2.01	0.12	0.83	0.08	-	-	-	0.96	83	12	5	86	12	3
1.94	0.18	0.83	0.03	0.02	-	-	1.00	81	17	2	80	17	3
1.99	0.11	0.83	0.07	-	0.01	0.01	0.98	84	11	55	86	11	3
2.00	0.21	0.68	0.12	-	0.01	0.02	0.95	70	22	8	73	20	7
1.98	0.23	0.60	0.14	-	0.03	0.03	0.98	65	25	10	69	23	8
2.02	0.37	0.54	0.10	-	0.01	0.02	0.95	55	38	7	60	37	3

Chrome-jadeite analyses

Si	Al	Cr	Fe ^{tot}	Mn	Mg	Ca	Na
2.02	0.77	0.23	-	0.01	-	-	0.97
2.01	0.79	0.19	-	-	0.05	-	0.96
2.03	0.87	0.10	-	-	-	0.02	0.98

Pyroxenes in a Triangular Projection of Jadeite - Kosmochlor - Acmite



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