from a fresh fragment weighing about 800 grams, all of which was powdered and sampled. For comparison the analysis of blairmorite-tuff given by Knight is introduced here, as well as analyses of other rocks high in analcite.

Analyses of Blairmorite, Blairmorite-tuff, etc.

	I	11	111	IV	V
SiO ₂	54·04 0·20	54.95	56.75	54.07	52.73
TiO ₂	18.86	0·42 18·64	20.69	0·15 21·67	20:05
Fe _z O ₂	3.30	4.75	3.52	3.55	3.43
FeO	0.76	1.55	0.59		0.99
MnO	0.08	0.34	trace		
MgO	0.70	0.60	0.11	0.36	0.17
CaO	2.32	2 · 27	0.37	0.36	3.35
Na₂O	9.77	4.91	11.45	8.91	7.94
K₂O H₂O+	2 · 26	7.65	2.90	4 76	4.77
H ₂ O	{ 7 ~ ∩	3·35 0·90	3.18	5.44	4.85
CO ₂	0.30	0.90	0.04	• • •	0.69
P ₂ O ₄	0.00	0.18		• • •	0.93
		0.10			trace
Sp. G	100·09 2·388	100 · 51	99.92	99 · 27	99.90

- I. Blairmorite, variety A, Collector J. D. MacKenzie, Analyst M. F. Connor.
- II. Blairmorite-tuff, Collector W. W. Leach, Analyst C. W. Dickson, Canadian Record of Science, Montreal, vol. 9, No. 5, 1905, p. 276.
- III. Analcite tinguaite, Pickards point, Manchester, Mass. H. S. Washington, Am. Jour. Sci., 4th Ser., vol. 7, 1898, p. 185.
- IV. Ægirite tinguaite, Hot Springs, Ark., J. F. Williams, Ark. Geol. Surv. 1890, vol. II, p. 370. W. A. Noyes, Analyst.
- V. Heronite, Heron Bay, Ontario. A. P. Coleman, Jour. Geol. vol. 7, 1899, p. 435. Analyst, H. W. Charlton.

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