

occurs in irregular plates having an average diameter of 0.25 mm. Muscovite is present very sparingly and has a rod-like form. Magnetite, titaniferous magnetite in irregular masses, apatite in idiomorphic crystals, together with very minute crystals of garnet, complete the mineralogy of the granite (micropegmatite.) The analysis of the granite (micropegmatite) given below in column 1 is taken from Daly's paper¹—"The Secondary Origin of Certain Granites." The analysis given in column 2 is the average analysis of granites of all periods by Osann and Clarke, given by Daly².

	1.	2.
SiO ₂	71.69	69.92
TiO ₂	0.59	0.39
Al ₂ O ₃	13.29	14.78
Fe ₂ O ₃	0.83	1.62
FeO.....	4.23	1.67
MnO.....	0.60	0.13
MgO.....	1.28	0.97
CaO.....	1.66	2.15
Na ₂ O.....	2.48	3.28
K ₂ O.....	2.37	4.07
H ₂ O+.....	0.14	0.78
H ₂ O-.....	1.31	
P ₂ O ₅	0.07	0.24
CO ₂	0.13	
S.G.....	100.16 2.773	100.10 2.660

The calculation of the norm of the granite (micropegmatite) gives the following results:—

Quartz.....	39.90
Orthoclase.....	13.90
Albite.....	20.96
Anorthite.....	8.34
Corundum.....	4.59
Hypersthene.....	9.14
Magnetite.....	1.16
Titanite.....	1.22
	99.12

¹R. A. Daly, Amer. Jour. Sci., 4th Ser. vol. 20, 1905, p. 193.

²R. A. Daly, Proc. Am. Ac. of Arts and Sci. vol. 45, 1910, p. 219.