"Apparently the Mayon has been erupting the same types of lavas as shown by the remarkable uniformity in the mineral composition of the samples taken for examination. The lavas of previous eruptions are andesitic basalt with calcic plagioclase (labradorite) predominating. The texture is andesitic, automorphic porphyritic with a glassy hematitic mesostosis containing microcrystals of feldspar and hypersthene. The automorphic phenocrysts are labradorite, a few andesine, and augite. Most of the augite and a few of the feldspar phenocrysts have their edges resorbed. The majority of the feldspars, however, have peripheral and zonal growths which are clear of inclusions while the minerals within the former boundaries have inclusions. The other acessory minerals are magnetite and hematite. A sample of lava from the present eruption collected by the Constabulary detachment shows the same automorphic porphyritic texture and the same abundance of augite and labradorite feldspars. The groundmass is glassy, slightly cryptocrystalline and dark"

Samples of material from the 1928 eruption were given to the Division of General and Inorganic Chemistry for analysis and the following results were obtained.

	Per cent
Silica (SiO_2)	50.25
Alumina (Al_2O_3)	18.94
Ferric iron (Fe_2O_3)	4.90
Ferrous iron (FeO)	4.19
Phosphorous pentoxide (P_2O_5)	0.34
Titania (TiO_2)	0.89
Manganous oxide (MaO)	0.14
Lime (CaO)	9.60
Magnesia (MgO)	4.00
Potash (K_2O)	1.38
Soda (Na_2O)	5.19