

D. H. ALMOGELA;1964;*The occurrence of perlite deposit in Legaspi, Albay*;AL-496;11

Industrial Mineral Deposits;

Perlite is one of the natural glasses which is commonly rhyolitic in composition. It is essentially an amorphous alumino-silicate rock of volcanic origin. The variation of the chemical composition of perlite produces different physical properties. Expanded perlites are used as lightweight aggregate, building plaster, filler, filler-aid, and oil-well cementing and grouting. Chemical analyses of different perlites in the Philippines and that of the average of the 10 perlites from the currently producing mines in the United States are compared to the present deposit. Bloating and sizing test was made on one of the perlite samples. The Legaspi perlite deposit occur as the bottom layer or at least the lower layer of the rhyodacite flow rock. The flow rock containing the perlite layer unconformably overlies a sequence of pyroclastic rocks. The pyroclastic rocks consist mainly of agglomerate, tuffaceous sandstones, shales, and minor lenses of conglomerate and tuffs with locally massive volcanic flows. With increasing geologic age perlite tends to devitrify. Perlite deposits therefore could not be expected in areas where no recent volcanic rocks of dacitic to rhyolitic in composition can be found.

B. C. BURGESS;1957;*Perlite, Calayan Island, Cagayan*;CA-247;1-12

Industrial Mineral Deposits;

No Abstract

J. R. DELA CRUZ;1957;*Preliminary report on the survey of clay and perlite deposits of Calayan Island, province of Cagayan*;CA-884;1-30

Industrial Mineral Deposits;

No Abstract

R. B. JAGOLINO;1967;*The geology of the perlite deposit in Baao, Camarines Sur and Legazpi City, Albay*;AL-843;1-12

Industrial Mineral Deposits;

Perlite deposits in commercial quantities are present in Bo. Bagumbayan, Baao, Camarines Sur and in Legazpi City, Albay. Both deposits are strikingly similar in chemical and mineral composition, associated underlying rocks, component of the glassy rock suite, age and occurrence. While both deposits were emplaced horizontally, the Legazpi deposit suffered some disturbance locally while the Baao deposit remained relatively undisturbed. The two deposits occur as near bottom layers of the geologically recent rhyodacite glassy flows

Mines & Geosciences Bureau;n/i;*Perlite ore reserves*;Phil-3049;6

Industrial Mineral Deposits;

J. N. RONAN;1974;*Memorandum report on the sampling of the perlite deposit in Calayan Island, Cagayan for the National Institute of Science and Technology*;CA-1453;1-4

Industrial Mineral Deposits;

No Abstract

C. A. VELASQUEZ;1973;*Mineral verification of perlite deposits in Barrios Lamba and Maslog, Legazpi City*;AL-1314;1-16

Industrial Mineral Deposits;

The eighteen lode mining claims of Induplex, Inc. are mostly overlain by young pyroclastics except where erosion had exposed the rhyodacite formation that may contain perlite layers in near bottom of the whole glassy rock.