

A. J. CRUZ;1982;*Diatomite in the Philippines*;Technical Information Series-46-82;1-20

Industrial Mineral Deposits;

Filtration, the separation of solids from liquids, is one of the most widely used operations in industrial processing, and diatomite, or diatomaceous earth, has been an indispensable filter aid material for over 65 years. Only a few substantial deposits of diatomite have been discovered in the Philippines all of which are probably of fresh water origin and only one is pure enough to be used without beneficiation. Beneficiation of the impure deposits may prove too expensive to make the product competitive with imported processed diatomite.

Z. C. ZEPEDA;1971;*Geological investigation of diatomite deposits in Barrio San Jose, Quezon, Bukidnon*;BK-1133;1-17

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The diatomite deposits are located in Bo. San Jose, Quezon. The area is underlain by a sequence of limestone, volcanic flows and clastics consisting of mudstone, sandstone, conglomeratic sandstone, and lenses of diatomite or diatomaceous earth. These clastics, however are found only in isolated places occurring as sediments filling in former depression areas. There is a possibility, that periodic flows originating from the nearby volcanic cones may have covered portions of the depression areas and thus conceal some parts of the clastics that may contain lenses of diatomite. The occurrence and origin of the diatomite deposits in this area closely resembles those deposits found in the United States where commercial quantities are being quarried. The approximate diatomite reserve that can be obtained from three localities based from drilling and compass and tape survey is 217,100 cubic meters or 152,000 metric tons.

Z. C. ZEPEDA;1971;*Memorandum report on the geological verification of diatomite deposits within the placer claims in San Jose, Quezon, Bukidnon*;BK-1131;1-6

Industrial Mineral Deposits;

Fieldwork revealed the existence of the diatomite outcrops in the area applied for. Diatomite lenses are found in claims "Ray 1" and "Ray 2" corresponding respectively to Pla-6019-D and Pla-6020-D and the two other smaller deposits are found in claim "Ray-3" under Pla-6021-D. It is recommended that the lease application on the concerned property be acted on favorably.