

was a tidal-flat complex. An evaporitic depositional environment is also suggested for the uppermost members of the sequence, where secondary limestones in great portion occur. Evidence of volcanic action (tuffites?) exist in rare places (units E and H). Finally the dark carbonaceous dolomitic facies which is present at the lower part of the sequence is probably overturned.

## **LIBRARY - GeoBASE AN APPLICATION OF SOFTWARE FOR RECORDING BIBLIOGRAPHIC REFERENCES**

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The LIBRARY - GeoBASE is an application of software, based on the technology of the Relational Data Base Management Systems (RDBMS), with a very friendly user interface in order to provide to the geologists a very useful, and powerful tool for the filing of the bibliographic references which they use.

The program runs on IBM personal computers and compatibles with minimum memory (RAM) 640 Kb, hard disk, and MS-DOS 3.2 or higher as operating system.

The application offers easy retrieval of data from the Database that meets a variety of criteria. The results of the searching in the Database can be: a) displayed on the screen of the computer, b) printed with a printer, c) stored as an ASCII file on the hard disk of the computer in order to be further edited with a Word Processor.

The program offers the capability to the researchers, who use it, to interchange bibliographic digital data in an easy and fast way.

## **JAROSITE: AN IMPORTANT MINERAL FOR PROSPECTION AND EXPLORATION OF SILVER AND GOLD IN GREECE**

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The mineralogical composition of the jarosite occurrences in Greece, its contents in gold and silver and the importance of this mineral for prospection of precious metals is studied for the first time. This systematic investigation for the Pb-Zn and Fe-ores of Sifnos, Euboea and Thasos islands, Palea Kavala area as well as Fterouda and Axantas areas in Chalkidiki, has revealed important mineralogical and geochemical results.