

STORAGE AND RETRIEVAL OF GEOLOGICAL DATA

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Geological studies usually require collection and digestion of a great variety and large amounts of data, often supplied by different specialists.

The advantages of using the modern means of electronic processing are:

1. Each data item needs to be stored only once.
2. There is no waste of time to locate data in manual files which are seldom complete and usually not consistent.
3. It provides the possibility to select and manipulate data in any required order or combination.

4. Preparation of reports, graphs and maps can be handled by the computer in combination with a plotter.
5. It stimulates accuracy and consistency of information.

Computer storage and retrieval of geological data will improve overall efficiency of data handling but the real benefit may be a more efficient use of the time of a geologist.

Furthermore the use of computers offer the possibility of introducing new techniques for the solution of old problems.

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