

Keys

24. Match text and photographs

Read carefully every paragraph and decide which text has connection with which photograph. Details and photographs have been taken from ABEM GEOPHYSICAL INSTRUMENTS. 1992-1993 Catalogue. Printed matter n.º 90320

Texts

1. The Geomac III Handheld computer is designed for rigorous field duty from the tropics to the arctic. Thanks to full MS-DOS compatibility, it can run the vast assortment of software already developed for personal computers, and if you need to develop your own software you can do so on any PC-compatible computer. (...) [It is] ergonomic aluminum casing (...). Two types of removable batteries available: rechargeable and alkaline.

2. Resistivity (geoelectrical) surveying is one of the most versatile, easy-to use and successful geophysical prospecting methods ever created. Electric current, injected into the ground by means of two electrodes, reveals resistivity variations caused by geological or hydrogeological conditions. These variations affect subsurface current flow patterns and also alter electrical potential patterns on the surface (...). The data thus gathered can then be interpreted to reveal the subsurface anomalies you are seeking. (...). It comprises a single compact unit. It weighs only 5.6 kg. including transmitter, receiver and a clip-on battery tray.

3. For many years, 3-man crews were needed for normal resistivity sounding. One handled the instrument and took notes, while the other two moved electrodes. Resistivity profiling often required four people, each responsible for one electrode. The new ABEM Multimac electrode system has changed all that.

A typical Multimac system consists of a set of 2-conductor current and potential cables, 40 lightweight clip-on electrode switchers, and a distributor box.

Photographs

Key 1-D

Key 2-E

Key 3-C

Photographs A) and B) have no text