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Contributions or legacies to assist towards the cost of publication of the Journal would be welcomed by the Editorial Board.

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The death of Dr. Byron Lintern on 12th January 1993, after a short illness, has saddened the whole geological community. Byron worked at the British Geological Survey in Edinburgh, where he was leader of the Southern Uplands Regional Mapping Project. As Secretary to the Editorial Board of the Scottish Journal of Geology since 1989, his drive, efficiency and enthusiasm have steered us through several major and difficult changes, culminating in the move to new publishers in 1992. For this especially, the Journal owes an immense debt of gratitude to his memory. He leaves a wife and two young sons, to whom the Board has offered its deepest condolences.

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FRONT PAGE ILLUSTRATION

Digital image of copper levels in stream sediments created from 50 000 sample points and spatially co-registered with geological line work. The data have been compiled from the British Geological Survey's Geochemical Survey Programme (GSP) database on an I2S image processing facility.

Several important regional geological features are highlighted in the image. The Tertiary volcanic centres of the Inner Hebrides are associated with red colours indicating high levels of copper. The low levels (blue) over the predominantly psammitic sequences of the Moine succession, the Central Highland migmatites and the Grampian Group contrast sharply with the higher levels (orange/red) over the more variable and locally mineralized metasedimentary sequence of the Dalradian. In addition, high values form discrete 'halos' around the major conurbations where they reflect man-made polymetallic pollution.

For further information on the availability of this and other GSP data and services contact Mr. P. M. Green, BGS, Keyworth NG12 5GG; tel: 0602 363100, fax 0602 623200 or electronic mail: cbs%uk.ac.nkw.va:k_pmg.