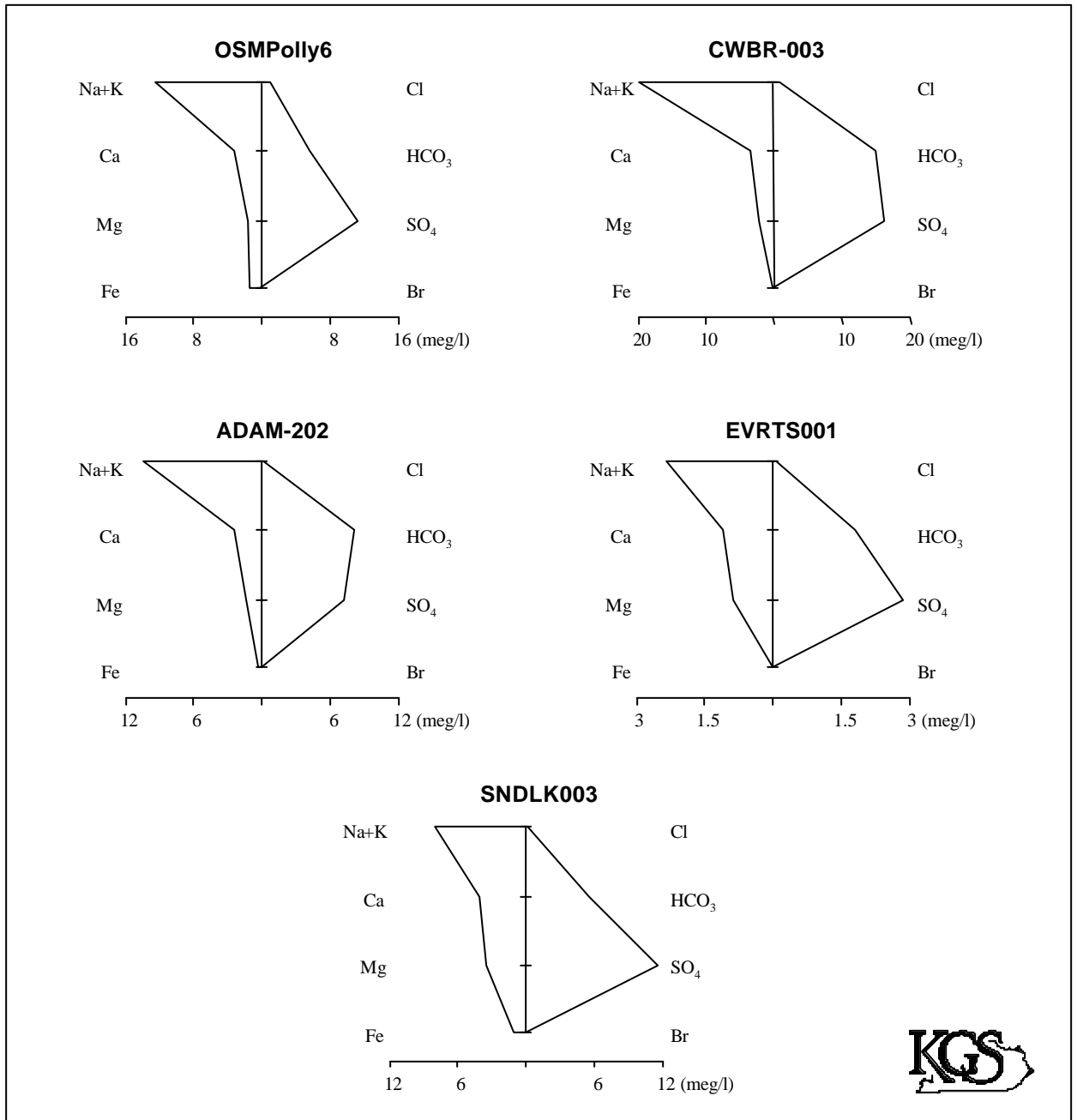


Stiff Diagrams of Water Samples Collected from Abandoned Underground Mines



These stiff diagrams show concentrations of selected constituents for water samples collected from abandoned underground coal mines. Samples OSMPolly6, CWBR-003, ADAM-202, and SNDLK003 were collected from mines in the Upper Elkhorn No. 3 coal seam in Letcher County. Sample EVRTS001 was collected from the Darby seam in Harlan County. The Darby seam is the stratigraphic equivalent of the Upper Elkhorn No. 3 seam south of Pine Mountain in Kentucky. Note that all samples show similar shapes in the diagrams, indicating that the selected constituents have similar proportions. The magnitude of the concentrations are dissimilar, however, as indicated by the different scales on the x axes.