Figure 2.2 Simplified stratigraphic column of the central part of the Voëlwater Subgroup (not to scale) and an impression of the lithostratigraphic zoning of the Lower Mn body. The manganese ore beds form the centers of symmetrical iron-formation, jacobsite lutite, hematite lutite and braunite lutite sedimentary cycles. The Hotazel Formation with its manganiferous layers grades up into limestone and dolomite of the Moodraai Formation and it is conformably underlain by hyaloclastites and pillow lavas of the Ongeluk Formation (modified after Nel et al., 1986; Preston, 2001).