



Figure 2.2 Simplified stratigraphic column of the central part of the Voelwater 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, jacobsonite lutite, hematite lutite and braunitite lutite sedimentary cycles. The Hotazel Formation with its manganeseiferous layers grades up into limestone and dolomite of the Mooidraai Formation and it is conformably underlain by hyaloclastites and pillow lavas of the Ongeluk Formation (modified after Nel et al., 1986; Preston, 2001).