

1915 Harder and Chamberlin Minas Gerais		1945 O. Barbosa Minas Gerais		1956 D. N. P. M.-U. S. G. S. (D. F. P. M. Avulso 81) Quadrilátero Ferrífero		1958 Dorr and A. L. M. Barbosa Itabira district	
Minas series	Itacolomi quartzite	Itacolomi series		Itacolomi series		Itacolomi series	
	Piracicaba formation	Unconformity		Great unconformity		Erosion surface	
	Itabira formation	Piracicaba formation	Phyllite, quartzite, dolomite, iron-formation (itabirite)	Piracicaba group	Five formations to be named <sup>1</sup>	Chlorite schist and graywacke with metavolcanic rocks	Piracicaba group undivided
	Batatal schist	Itabira formation	Dolomite, Iron-formation (itabirite). Phyllite <sup>2</sup>	Itabira group	Two formations to be named <sup>1</sup>	Graphitic phyllite	
	Caraca quartzite <sup>3</sup>	Caraca formation <sup>4</sup>	Quartzite, conglomerate	Caraca group	Batatal schist	Quartzite	
			Unconformity			Quartzose and ferruginous schist	
						Ferruginous quartzite, phyllite, conglomerate, some dolomite	
						Local unconformity	
						Dolomitic and calcareous marble.	Dolomite, too thin to map
						Phyllite Oxide facies iron-formation (Itabirite)	Oxide facies iron-formation with lenses of quartzite and dolomite too thin to be mappable
					Phyllite, locally graphitic	Caraca group undivided	
					Quartzose phyllite Quartzite Quartzose phyllite Conglomerate Quartzite, grit, conglomerate		Quartzite, phyllite, conglomerate
Probable Archean Basal complex	Unconformity ?	Unconformity		Great unconformity		Great unconformity	
	Gneiss, amphibolite, granite	Mantiqueira series <sup>5</sup>	Green schists, talc schist, gneiss, granodiorite	Maquiné group	Upper	Quartzite, conglomerate, quartzose schist	Rio das Velhas series (undivided)
				Lower	Quartzite, graywacke, quartzose schist, phyllite	Dolomitic schist, subgraywacke, arkose, chlorite schist, biotite schist, quartzose schist, iron-formation (Probably correlates with Nova Lima group)	
				Nova Lima group	Unconformity Phyllites and green schist (metasedimentary and metavolcanic) Carbonate facies iron-formation Sericitic quartzite Quartz-ankerite-dolomite rock Graywacke Carbonate facies iron-formation		
					Great unconformity		
					Gneiss and granitic rocks		Older Precambrian? Not exposed

<sup>1</sup>These formations have been precisely defined and described in Boletim of Geol. Soc. Brasil. v. 7, no.2, 1958, p. 58-69.

<sup>2</sup>Includes the Batatal formation of Harder and Chamberlin.

<sup>3</sup>Includes part of the Rio das Velhas series of the DNPM-USGS classification.

<sup>4</sup>Includes rocks of the Maquiné group in the DNPM-USGS classification.

<sup>5</sup>Includes rocks of post-Minas age

<sup>6</sup>In the Quadrilátero Ferrífero the oldest granitic and gneissic rocks do not have the same aspect as those of the type locality of Barbosa's Mantiqueira series. Post-Minas gneisses and granites are abundant.