



Southern Ridge area cross-section, modified from Taylor et al. (2001)

LT 2563 LEGEND

Unit No	Unit Description
M1	High-grade microplaty hematite (martite), ~65% Fe
M2	Hydrated hematite (martite), variable proportion of goethite
M5	Primary magnetite and siderite-magnetite mineralised bif
0	Ar (2.69-2,63 Ga) Fortescue Group, uppermost Jeerinah Fm.: thin, carbon-rich fine clastics
1	Ar (~2.6 Ga) Hamersley Group, Marra Mamba IF: banded sedimentary iron formation
2	Ditto, Wittenoom Fm., dolomite, argillite
3	Ditto, Mt. Sylvia Fm., bif separated by chert and shale
4	Ditto, Mount McRae Shale: Lower Member, pyritic black shale with chert --Middle Member: shale, minor chert --Upper Member = Colonial Chert (also Footwall Zone): bif, chert, interbedded shale
5	Ditto, Brockman IF, Dales Gorge Member: banded sedimentary iron formation
6	Ditto, Whaleback Shale Member: shale, abundant chert, local bif
7	Ditto, Joffre Member: banded sedimentary iron formation
8	Ditto, Yandicoogina Shale Member
12	Pp dolerite and gabbro dikes, sills (undivided)

LT 2563 SAMPLE DESCRIPTION (collected and assembled by Peter Laznicka, 2001)

Unit No	Sample Description	Sample No
12	Diabase (dolerite) dikes	1, 2
M1 in 7	Microplaty hematite in Joffre Member (rare)	3-6
7	Joffre Member, cherty bif (jaspillite)	7, 8
6	Mount Whaleback Shale, saprolitic	9-11
	Ferruginous and tectonised	12-14
	Chert	15, 16
	Chert-hematite bif	17
M2 in 5	Hydrated hematite-goethite over Dales Gorge	18-20