



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

LT 2565 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, Wittenoorn 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 2565 SAMPLE DESCRIPTION (collected and assembled by Peter Laznicka, 2001)

Unit No	Sample Description	Sample No
M2 on 5	Hydrated hematite ore, now goethite; in-situ and transported canga Ditto, hematite relicts replaced by goethite	1-4 5-8
M5 in 5	High P magnetite-siderite replacements in Dales Gorge bif	9-12