



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

LT 2564 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 2564 SAMPLE DESCRIPTION (collected and assembled by Peter Laznicka, 2001)

Unit No	Sample Description	Sample No
M1 in 5	High-grade microplaty hematite over Dales Gorge Member	1-7
5	Dales Gorge bif, jaspillite (chert-hematite)	8-13
4	Colonial Chert (Footwall Zone), hydrothermally altered adjacent to dolerite dike; bleached and silicified to quartzite Bleached and chlorite-hematite altered	14 15-18