

Mamadawerre Project: 2008 Outcrop Sampling

SAMPLE_NUMBER	Alteration intensity	Alteration colour	Alteration distribution	Alteration type	Comments	ALT_TYPE_CODE	alt_type_desc
MM080001	moderate	PURPLE	pervasive	Diagenetic Hematite		HED	Diagenetic Hematite
MM080002	moderate	GREEN	replacement	SERICITE		SE	SERICITE
MM080003	weak	PURPLE	pervasive	HEMATITE		HE	HEMATITE
MM080004	weak	YELLOW	disseminated	CLAY		CY	CLAY
MM080005	moderately weak	PINK	pervasive	HEMATITE		HE	HEMATITE
MM080006	weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM080007	weak	PINK	pervasive	HEMATITE		HE	HEMATITE
MM080008	moderately weak	PURPLE	pervasive	HEMATITE		HE	HEMATITE
MM080009	moderately weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM080010	moderately weak	PURPLE	bedding controlled	Diagenetic Hematite		HED	Diagenetic Hematite
MM080011	moderate		patches	HEMATITE		HE	HEMATITE
MM080012	weak	RED	replacement	HEMATITE		HE	HEMATITE
MM080013	weak	RED	replacement	HEMATITE		HE	HEMATITE
MM080014	moderately weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM080015	weak		replacement	SILICIFICATION		SIL	SILICIFICATION
MM080016	moderately weak	PURPLE	pervasive	HEMATITE		HE	HEMATITE
MM080017	weak		pervasive	HEMATITE		HE	HEMATITE
MM080018	weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM080401	moderately weak	PURPLE	pervasive	HEMATITE		HE	HEMATITE
MM080402	weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM080404	weak	ORANGE	pervasive	HEMATITE		HE	HEMATITE
MM080405	moderately weak	PURPLE	pervasive	HEMATITE		HE	HEMATITE
MM080406	weak	PINK	replacement	HEMATITE	pale pink weak he-alt throughout, orange at weathering rind	HE	HEMATITE
MM080407	weak	PURPLE	patches	HEMATITE		HE	HEMATITE
MM080408	weak	PURPLE	patches	HEMATITE		HE	HEMATITE
MM080409	moderately weak	GREEN	replacement	SERICITE	Replacing feldspar	SE	SERICITE
MM080410	weak	PURPLE	patches	HEMATITE	patchy he-alt possibly only adjacent to weathering surface	HE	HEMATITE
MM080411	weak	RED	replacement	HEMATITE		HE	HEMATITE
MM080501	weak	RED	replacement	HEMATITE	Altering mafics	HE	HEMATITE
MM080502	weak	ORANGE	disseminated	LIMONITE	v small orange specks	LI	LIMONITE
MM080503	moderately weak	GREEN	replacement	SERICITE	Altering Felsdpar	SE	SERICITE
MM080504	moderate	GREY	replacement	CLAY		CY	CLAY
MM080505	weak	PURPLE	patches	HEMATITE		HE	HEMATITE
MM080506	moderate		disseminated	HEMATITE	Intense redbrown hematite alteration.	HE	HEMATITE
MM080507	weak	PURPLE	disseminated	HEMATITE		HE	HEMATITE
MM080508	moderately weak		disseminated	HEMATITE	Weakly altered sandstone unit.	HE	HEMATITE
MM080509	moderate	WHITE	disseminated	BLEACHING	1 hematisation, 2 bleaching, 1 silicification	BH	BLEACHING
MM080510	weak	GREY	disseminated	BLEACHING	A variably altered sandstone unit. Bleached and silicified	BH	BLEACHING
MM080511	moderately weak		disseminated	HEMATITE	Moderate to intensely disseminated red brown hematite in the sandstone boulders.	HE	HEMATITE
MM080512	moderately weak		fracture coating	LIMONITE	Fracture controlled limonite alteration in sandstone unit	LI	LIMONITE
MM080513	moderately weak	BROWN	bedding controlled	HEMATITE	Bedding controlled alteration.	HE	HEMATITE
MM080514	weak		bedding controlled	HEMATITE	Bedding controlled alteration. Mixed bleached and red hematite	HE	HEMATITE
MM080515	weak	BROWN	disseminated	SILICIFICATION	sharp conchoidal-like fracture when broken with hard hammer	SIL	SILICIFICATION
MM083003	weak		bedding controlled	BORNITE	A weakly hematised pebble bearing sandstone with iron sulfide	BR	BORNITE
MM083004	moderately weak		moderately disseminated	HEMATITE	Moderately hematised sandstone unit with alteration	HE	HEMATITE
MM083005	moderately weak	PURPLE	irregular spots - blotches	HEMATITE	patchy he alteration; little/no silicification	HE	HEMATITE
MM083007	weak	PURPLE	patches	HEMATITE		HE	HEMATITE
MM083008	moderate		disseminated	HEMATITE	Intense redbrown hematite alteration.	HE	HEMATITE

MM083009	weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM083010	moderately weak		pervasive	SILICIFICATION		SIL	SILICIFICATION
MM083011	weak	PURPLE	patches	HEMATITE		HE	
MM083014	weak	GREY	disseminated	BLEACHING	A variably altered sandstone unit. Bleached and silic BH		