

Meikinj Valley Project

Outcrop Sample Descriptions

Sample Number	Locality	Alteration colour	Alteration intensity	Alteration type	Alteration distribution	Alteration comments
MV060001	Caramal Fault West	white	moderate	QUARTZ	pervasive	Massive bucky quartz
MV060004	Caramal Fault West	buff	moderately weak	CLAY	mineral control	
MV060005	Caramal Fault West	buff	moderate	CLAY	mineral control	
MV060007	Caramal Fault West	black	weak	TOURMALINE	patches	~15 mm parches of dark mineral ?tourmaline? see photos
MV060011	Anomaly 12	YG	weak	SERICITE	replacement	Yellow-green colour may be due to sericite alteration
MV060012	Anomaly 12	maroon	weak	HEMATITE	pervasive	
MV060012	Anomaly 12	Cream	weak	CLAY	replacement	Clay after feldspar?
MV060013	Anomaly 12	maroon	weak	HEMATITE	pervasive	
MV060014	Anomaly 12	maroon	weak	HEMATITE	breccia filling	
MV060015	Gorrunghar West	orange	weak	Diagenetic Hema	irregular bands	
MV060016	Gorrunghar West	maroon	weak	HEMATITE	pervasive	
MV060017	Gorrunghar West	Cream	weak	CLAY	replacement	Clay after feldspar?
MV060018	Gorrunghar West	Cream	weak	CLAY	replacement	Clay after feldspar?
MV060020	Gorrunghar West	Cream	weak	CLAY	replacement	background weathering of ?feldspars to clay
MV060022	SW Meikinj Valley	Cream	weak	CLAY	replacement	Clay after some mineral ?feldspar?
MV060023	SW Meikinj Valley	orange	weak	LIMONITE	pervasive	
MV060024	SW Meikinj Valley	orange	weak	LIMONITE	pervasive	
MV060025	SW Meikinj Valley	Cream	weak	CLAY	replacement	Clay after ?feldspar
MV060026	SW Meikinj Valley	maroon	moderately weak	Diagenetic Hema	pervasive	increased amount of diagenetic hematite relative to normal
MV060027	Gorrunghar West	red	moderately weak	HEMATITE	vein/veinlets	
MV060028	Anomaly 12	red orange	weak	Iron Oxides	pervasive	Weathering. Fe oxyhydroxides.
MV060035	Anomaly 12	green	weak	CHLORITE	replacement	Chlorite after biotite
MV060036	Anomaly 12	colourless	moderately weak	SILICIFICATION	breccia filling	
MV060040	Anomaly 12	maroon	moderately weak	HEMATITE	pervasive	