

NA04 Outcrop Descriptions

Sample Number	Description of sample	Formation	Lithology	Alteration Intensity	Alteration	Alteration Distribution	Comment
NA04C10001		Mamadawerre Sandstone	Sandstone	2	SIL	PAT	Black soils also present and may account for anomaly
NA04C10011		Mamadawerre Sandstone	Sandstone	2	SIL	PAT	
NA04C10011		Mamadawerre Sandstone	Sandstone	1	QZ	VN	
NA04C20011		Mamadawerre Sandstone	Sandstone				
NA04C10020		Cahill Formation	Qz breccia	3	QZ	VN	TS - qz-mu-fx quartzite
NA04C10020		Cahill Formation	Qz breccia	2	SIL	PAT	
NA04C10020		Cahill Formation	Qz breccia	2	HEM	PAT	
NA04C10020		Cahill Formation	Qz breccia	2	FEX	SURF	
NA04C10030		Mamadawerre Sandstone	Sandstone	3	QZD	PERV	No qzvn reflecting the structure
NA04C10030		Mamadawerre Sandstone	Sandstone	1	FEX	PAT	No qzvn reflecting the structure
NA04C10031		Mamadawerre Sandstone	Sandstone	2	QZD	PAT	No evidence of structures here
NA04C10031		Mamadawerre Sandstone	Sandstone	1	HEM	PAT	No evidence of structures here
NA04C10033		Mamadawerre Sandstone	Sandstone	3	SIL	PERV	
NA04C10033		Mamadawerre Sandstone	Sandstone	1	HEM	BLOT	
NA04C10033		Mamadawerre Sandstone	Sandstone	1	BH	PAT	
NA04C10035		Mamadawerre Sandstone	Sandstone	3	FEX	PERV	minor cobbles
NA04C10036		Mamadawerre Sandstone	Sandstone	3	HEM	PERV	

Sample Number	Description of sample	Formation	Lithology	Alteration Intensity	Alteration	Alteration Distribution	Comment
NA04C10036		Mamadawerre Sandstone	Sandstone	2	FEX	PERV	
NA04C10037		Cahill Formation	Amphibolite and qz mi sch	2	HEM	PAT	
NA04C10039		Cahill Formation	Amphibolite and qz mi sch	2	HEM	PAT	
NA04C10040	Sdst - laterised	Cahill Formation	Amphibolite and qz mi bi	3	HEM	PERV	Low lying Mamadawerre outcrop. The amphibolitic schist lacks
NA04C20040	Mica quartz schist	Cahill Formation	Amphibolite and qz mi bi sch				Low lying Mamadawerre outcrop. The amphibolitic schist lacks evidence of primary plagioclase so is not classified as magmatic in origin.
NA04C30040	amphibolite (TS - biotite quartz hornblende schist)	Cahill Formation	Amphibolite and qz mi bi sch				
NA04C10041	amphibolite	Cahill Formation	Amphibolite and qz mi sch				
NA04C10042		Mamadawerre Sandstone	Sandstone	1	HEM	PAT	
NA04C10042		Mamadawerre Sandstone	Sandstone	1	QZ	VN	
NA04C10043		Mamadawerre Sandstone	Sandstone	2	HEM	PAT	
NA04C10043		Mamadawerre Sandstone	Sandstone	2	QZD	PAT	

Sample Number	Description of sample	Formation	Lithology	Alteration Intensity	Alteration	Alteration Distribution	Comment
NA04C10044		Mamadawerre Sandstone	Sandstone	1	FEX	PAT	Anomaly not found
NA04C10044		Mamadawerre Sandstone	Sandstone	2	QZD	PAT	Anomaly not found
NA04C10045	qz bx	Mamadawerre Sandstone	Sandstone	3	DQZ	VN	Fault has had at least two phases of movement. First sub vertical thrust, second oblique thrust
NA04C10045	qz bx	Mamadawerre Sandstone	Sandstone	3	QZD	PERV	
NA04C10046		Mamadawerre Sandstone	Sandstone	3	QZD	PERV	Ropey weathering texture.
NA04C10046		Mamadawerre Sandstone	Sandstone	2	HEM	PAT	Ropey weathering texture.
NA04C10046		Mamadawerre Sandstone	Sandstone	1	LI	FRAC	Ropey weathering texture.
NA04C10047		Mamadawerre Sandstone	Sandstone	2	HEM	PAT	No real evidence for faulting here. Minor jointing only.
NA04C10047		Mamadawerre Sandstone	Sandstone	1	QZD	PAT	No real evidence for faulting here. Minor jointing only.
NA04C10048		Mamadawerre Sandstone	Lateritic sandstone				
NA04C10049		Mamadawerre Sandstone	Sand				
NA04C10051		Mamadawerre Sandstone	Latertic sandstone	3	HEM	IRR	2cm pisolitic sdst clasts on flat pavement of sdst
NA04C10051		Mamadawerre Sandstone	Latertic sandstone	3	FEX	PERV	2cm pisolitic sdst clasts on flat pavement of sdst
NA04C10051		Mamadawerre Sandstone	Latertic sandstone	3	LI	IRR	2cm pisolitic sdst clasts on flat pavement of sdst