

Goomadeer EL's 5892, 2858  
Cameco Australia Pty Ltd  
Sample Alteration and Structural Measurements

Station	Sample Number	Description	Formation	Lithology	Alteration Intensity	Alteration	Alteration Distribution	Structure	Inclination	Dip Direction	Comments
GD03C10200	GD030200	sheared granitic gneiss along linear resistant ridge	Nimbuwah Complex	sheared quartz-feldspar gneiss				Joint	84	334	
GD03C10200	GD030200	sheared granitic gneiss along linear resistant ridge	Nimbuwah Complex	sheared quartz-feldspar gneiss				Qtz/Dqz fracture	84	125	semi-perpendiculr to main linear trend
GD03C10200	GD030200	sheared granitic gneiss along linear resistant ridge	Nimbuwah Complex	sheared quartz-feldspar gneiss				Foliation	79	61	may also be shear (c-fabric) fabric
GD03C10201	GD030201	sheared granitic gneiss with green mineral	Nimbuwah Complex	sheared quartz-feldspar gneiss	2	GXX	FRAC	Foliation	84	70	
GD03C10201	GD030201	sheared granitic gneiss with green mineral	Nimbuwah Complex	sheared quartz-feldspar gneiss	1	GXX	PAT	Qtz/Dqz fracture	84	160	resistive pre-shear qtz veins - mineral alignment
GD03C10201	GD030201	sheared granitic gneiss with green mineral	Nimbuwah Complex	sheared quartz-feldspar gneiss				dqz fracture	80	110	late cross cutting veins
GD03C10201	GD030201	sheared granitic gneiss with green mineral	Nimbuwah Complex	sheared quartz-feldspar gneiss				dqz fracture	85	75	early cross cut drusy veins
GD03C10201	GD030201	sheared granitic gneiss with green mineral	Nimbuwah Complex	sheared quartz-feldspar gneiss				Shearing	34	290	late micaceous-hematite gxx shears
GD03C10202	GD030202	purple sheared rock with bleached patches and yellowish sericite	Nimbuwah Complex	sheared quartz-feldspar gneiss	2	HE	PERV				
GD03C10202	GD030202	purple sheared rock with bleached patches and yellowish sericite	Nimbuwah Complex	sheared quartz-feldspar gneiss	2	SE	MTC				
GD03C10203	GD030203	sandstone proximal to u/c	Mamadawerre Sandstone	quartz feldspar gneiss and c-g sandstone	1	HED	PERV				
GD03C10203	GD030203	sandstone proximal to u/c	Mamadawerre Sandstone	quartz feldspar gneiss and c-g sandstone	2	HE	DIS				
GD03C10203	GD030203	sandstone proximal to u/c	Mamadawerre Sandstone	quartz feldspar gneiss and c-g sandstone	2	BH	PERV				
GD03C20203	GD030203	redox basement rock	Mamadawerre Sandstone	quartz feldspar gneiss and c-g sandstone	3	HEM	MATR				
GD03C20203	GD030203	redox basement rock	Mamadawerre Sandstone	quartz feldspar gneiss and c-g sandstone	2	YCY	MTC				
GD03C10203	GD030203	sandstone proximal to u/c	Mamadawerre Sandstone	quartz feldspar gneiss and c-g sandstone	2	WCY	DIS	Bedding	8	178	
GD03C10205	GD030205	granodioritic composition. Mafic mineral alignment	Nimbuwah Complex	granitic gneiss							
GD03C10206	GD030206	non foliated quartz rich granitic gneiss - 5% mafics	Nimbuwah Complex	leucocratic granitic gneiss							
GD03C10207	GD030207	quartz feldspar biotite gneiss (10% mafics)	Nimbuwah Complex	weakly foliated granitic gneiss				Joint	89	71	
GD03C10207	GD030207	quartz feldspar biotite gneiss (10% mafics)	Nimbuwah Complex	weakly foliated granitic gneiss				Foliation	72	52	
GD03C10208	GD030208	quartz feldspar biotite (<5% mafics)	Nimbuwah Complex	weakly foliated luecrocratic granitic gneiss							
GD03C10209	GD030209	mainly gneiss with local schistose fabric, stretched quartz grains parallel to foliation. Pegmatitic segregations with very coarse muscovite.	Nimbuwah Complex	strongly foliated muscovitic granitic gneiss				S0 / S1	80	65	
GD03C10209	GD030209	mainly gneiss with local schistose fabric, stretched quartz grains parallel to foliation. Pegmatitic segregations with very coarse muscovite.	Nimbuwah Complex	strongly foliated muscovitic granitic gneiss				S2	55	32	
GD03C10209	GD030209	mainly gneiss with local schistose fabric, stretched quartz grains parallel to foliation. Pegmatitic segregations with very coarse muscovite.	Nimbuwah Complex	strongly foliated muscovitic granitic gneiss				Quartz Vein	86	108	
GD03C10210	GD030210	granitic gneiss with pegmatite and partial melts	Nimbuwah Complex	strongly foliated muscovitic granitic gneiss				Foliation	28	70	
GD03C10210	GD030210	granitic gneiss with pegmatite and partial melts	Nimbuwah Complex	strongly foliated muscovitic granitic gneiss				Quartz Vein	60	226	
GD03C10210	GD030210	granitic gneiss with pegmatite and partial melts	Nimbuwah Complex	strongly foliated muscovitic granitic gneiss				Joint	65	235	
GD03C10211	GD030211	very weakly foliated leucocratic granitic gneiss with some pink alteration surrounding fractures	Nimbuwah Complex	weakly foliated leucocratic granitic gneiss				Foliation	77	58	
GD03C10212	GD030212	weak pinkish alteration of feldspars	Nimbuwah Complex	non-foliated slightly altered granitic gneiss							
GD03C10213	GD030213	quartz plagioclase biotite	Nimbuwah Complex	non-foliated granodiorite							
GD03C10214	GD030214	quartzo feldspathic granitic gneiss with 10-15% biotite	Nimbuwah Complex	granitic gneiss				Foliation	72	242	
GD03C10215	GD030215		Mamadawerre Sandstone	medium grained sandstone	3	BH	PERV	Bedding	2	125	
GD03C10215	GD030215		Mamadawerre Sandstone	medium grained sandstone	2	WCY	INT	Joint	89	115	dominant jointing orientation
GD03C10215	GD030215		Mamadawerre Sandstone	medium grained sandstone	1	HE	IRR	Joint	89	203	
GD03W10217	GD030217	siliceous deformation bands up to 8mm wide and exhibiting slickensides	Mamadawerre Sandstone	pebbly granule stone	2	QZ	FRAC	Silicified fractures	45	180	
GD03C10217	GD030217	poorly sorted granule stone	Mamadawerre Sandstone	pebbly granule stone	3	BH	PERV	Bedding	30	88	
GD03C10217	GD030217	poorly sorted granule stone	Mamadawerre Sandstone	pebbly granule stone	2	WCY	DIS	Joint	40	124	
GD03C10217	GD030217	poorly sorted granule stone	Mamadawerre Sandstone	pebbly granule stone	1	QZ	VN	Silicified fractures	45	180	siliceous deformation band exhibiting slickensides
GD03C10217	GD030217	poorly sorted granule stone	Mamadawerre Sandstone	pebbly granule stone				Slickensides	15	262	