

Cameco Australia Pty. Ltd.

Nabarlek Project EL's 10176, 24371, 24372 - Outcrop Sample Structure Measurements - 2006

Sample Number	Element Type	Structure	Inclination	Dip Direction	Strike	Comments
NA060016	Linear	Qtz vein			165	Various up to 200mm wide
NA060201	Planar	Fracture / fracturing	-88	92		
NA060201	Planar	Fracture / fracturing	-88	110		
NA060202	Planar	Bedding	-12	320		
NA060202	Planar	Shearing	-82	62		
NA060202	Linear	Slickensides	-20	330		
NA060203	Planar	Fracture / fracturing	-80	60		
NA060203	Planar	Bedding	-20	306		
NA060602	Planar	Fracture / fracturing	-70	120		
NA060603	Planar	Bedding	-4	190		
NA060604	Planar	Fault	-90		255	
NA060606	Planar	Fault	-90		85	Steven's Fault at northernmost expression of sandstone outcrop below escarpment.
NA060607	Planar	Fault	-90		85	Steven's Fault at northern most outcrop of sandstone below escarpment.
NA060612	Planar	Fracture / fracturing	-90		85	Vertical fractures parallel to sub parallel to the 085 striking trend of stephen's fault.
NA060613	Planar	Fracture / fracturing	-90		65	
NA060613	Planar	Fracture / fracturing	-90		300	
NA060614	Planar	Foliation	-22	200		
NA060616	Linear	Slickensides				
NA060616	Planar	Bedding	-6	80		
NA060616	Planar	Fault	-40	160		Slickenlineations have rake of 160, indicating nearly dip slip.
NA060617	Planar	Bedding	-25	335		a little steeper than most bedding through here, mostly ~10 degrees, slickolites on bedding surface
NA060619	Planar	Bedding	-10	300		
NA060619	Planar	Fracture / fracturing	-85	340		possible reidels associated, some curilinear with shearing
NA060620	Planar	Breccia	-90		340	~1 m wide
NA060621	Planar	Bedding	0		360	flat lying bedding, throughout area otherwise dipping ~10 to the NNW
NA060621	Planar	Dqz fracture	-90		340	
NA060621	Planar	Dqz fracture	-90		50	
NA060622	Planar	Dqz fracture	-90		350	minor <2mm
NA060625	Planar	Fracture / fracturing	-90		30	
NA060625	Planar	Fault fracturing	-87	345		Strong fracturing sub-parallel to creek and probably parallel to fault
NA060625	Planar	Bedding	-12	340		
NA060625	Planar	Fracture / fracturing	-90		360	
NA060626	Planar	Fracture / fracturing	-28	205		hematite coatings on these fractures
NA060626	Planar	Bedding	-10	340		bedding varies up to 20 degrees dip and dip direction also varies
NA060627	Planar	Fracture / fracturing	-90		75	cross fractures in dilational jog
NA060627	Planar	Riedel shears	-90		115	possibly related to major WNW structures either side
NA060800	Planar	Foliation	-73	224		Foliation defined by mica
NA060802	Planar	Joint				Subvertical joint
NA060802	Planar	Joint	-69	210		
NA060802	Planar	Joint				Sample taken from NS joint
NA060805	Planar	Bedding	-14	320		
NA060806	Planar	Joint	-75	180		
NA060806	Planar	Slickensides		135		Vauge asperities on slickensides suggests possible S side up
NA060807	Planar	Bedding	-23	255		
NA060808	Planar	Foliation	-22	240		
NA060810	Planar	Foliation	-35	280		
NA060813	Planar	Foliation	-25	340		
NA060816	Planar	Bedding	-14	320		Measured from underside of quartz boulder conglomerate.
NA060816	Planar	Foliation	-25	340		