

**Cameco Australia Pty Ltd**  
**EL 23461 - 2002 Myra Exploration Summary**

Category	Activity	Contractor	Coverage	Objectives	Results
Exploration drilling	Diamond core	Stanley Drilling	1323.2m	To test for deep mineralisation associated with the Lower Cahill Formation in the Two Rocks area, and to investigate gravity and EM anomaly to the south of Two Rocks	MRD0101 intercepted an almost vertical, narrow vein of uranium mineraliation with grades up to 1.9% from 72m to 72.8m. Intense chlorite alteration identified within MRD-0101 and MRD-0102.
Geophysics	Airborne Magnetis and radiometrics	UTS	1066 line km		50m line spacing, 30m ground clearance.
	Tempest: Airborne EM	Fugro	256 line km	To obtain information beneath the sandstone, and identify if possible the unconformity profile and conductive targets.	200m line spacing
	Airborne Multispectral Survey	De Beers	47 sqkm as part of larger survey	To obtain continuous clay alteration patterns over the entire area, to discriminate lithologies and possibly alteration haloes indicative of U mineralisation	13 clay end members identified
	Ground Gravity	Fugro	341 stations		stations spacing 100m apart on lines 200m and 400m apart
	Downhole Geophysics	Surtron			
Litho geochemistry	Outcrop Samples	NTEL	57 samples	Obtain regional background geochemical, lithological and petrological and physical characteristics of the exposed rock units. Anomalous samples also collected to determine rock characteristics.	Three U anomalies have been defined with accompanying anomalism in other elements.
	Fracture Samples	NTEL	26 samples	To analyse with low detection geochemical methods and determine prospectivity of fracturing and veining	
	Drill core samples	NTEL	264 samples of nominally 5m composites	Multielement analysis on all samples	
Multispectral Studies	PIMA - outcrop samples	Cameco	55 readings on samples		
	PIMA - drill core samples	Cameco	1770 readings on samples	Characterise and define clay alteration patterns	
Research	Petrographic Samples - Outcrops	Petrographics International	58 samples		
	Petrographic Samples - drill core samples	Pontifex Assoc. / Petrographics International	247 samples		