

Cameco Australia Pty Ltd
Gunbatgarri EL's 2857 4012 - Exploration Summary

	Category	Activity	Contractor	Coverage	Objectives	Results
2002	Geophysics	Radiometrics and Magnetics	UTS Geophysics	1623 line km and 683 line km in two areas	To obtain information beneath the sandstone, and identify if possible the unconformity profile and conductive targets.	200m line spacing
		Hymap Mk 1	De Beers	809 sq km	To obtain continuous clay alteration patterns over the entire area, to discriminate lithologies and possibly alteration haloes indicative of U mineralisation	8 areas identified based on interpreted clay overprinting and \ or presence of chlorite
2003	Lithogeochemistry	Ground investigation and traverses	NTEL	11 samples and 2 mapping stations	Obtain geochemical, lithological, petrological and physical characteristics of the exposed rock units, measure any structures present and if possible determine structural kinematics	
		Regional Background Sampling	NTEL	111 samples	Obtain regional background geochemical, lithological, petrological and physical characteristics of the exposed rock units and define limits for anomalous alteration and chemistry; may define anomalous areas that may be associated with unconformity-style U mineralisation	
		Airborne radiometric anomalies	NTEL	47 samples from 57 stations	Ground check and validate the response from the airborne radiometric survey.	Dominantly ferruginous rubble and scree derived from the Gilruth Volcanic Member; minority of anomalies due to pisoliths and ferricrete; one anomaly associated with organic black soil
	Multispectral Studies	PIMA - outcrop samples	Cameco	166 readings on samples	To define areas of clay alteration which may be attributeable to U mineralisation.	
	Research	Petrographic Samples - Outcrops	Pontifex and Assocaites	33 petrographic sample descriptions		
2004	Lithogeochemistry	Ground investigation and traverses	NTEL	26 stations includes one mapping point	Obtain geochemical, lithological, petrological and physical characteristics of the exposed rock units, measure any structures present and if possible determine structural kinematics	Two stations identified with anomalous U and metals within sandstone
	Multispectral Studies	PIMA - outcrop samples	Cameco	26 readings on samples	To define areas of clay alteration which may be attributeable to U mineralisation.	
	Research	Petrographic Samples - Outcrops	Pontifex and Assocaites	5 petographic sample descriptions		
	Geophysics	Tempest	Fugro	947 line kilometres	To obtain information beneath the sandstone, and identify if possible the unconformity profile and conductive targets.	