

### Cameco Australia - Nabarlek Project - EL's 10176, 24371, 24372 - 2006 Exploration Summary

Type of Work	Area	Contractor	Coverage	Objective	Results
<b>Ground Reconnaissance</b>					
<u>Helicopter supported sampling</u>	Regional	Jayrow, Cameco geologists and Traditonal Owners	78 sites checked	Airborne radiometric anomaly ground follow-up, Hymap clay alteration follow-up and reconnaissance samples	78 sites visted with 68 samples collected and 10 mapping locations
<b>Drilling</b>					
<u>RC Drilling</u>	S27	Titeline Drilling Pty Ltd	10 RC holes drilled for 747m	to test the unconformity between the Mamadawerre Sandstone and basement Cahill Formation; follow-up Tempest conductive targets' follow-up weak mineralisation identified in previous drilling	NAR6001 – 1m @ 21ppm U, 15ppb Au, 381ppm Cu from 51m NAR6002 – 3m @ 24.8ppm U, 6ppb Au from 37m NAR6003 – 1m @ 44.2ppm U, 4 ppb Au from 59m NAR6007 – 4m @ 20ppb Pt, 27ppb Pt from surface NAR6010 – 1m @ 78.8ppm U, 30ppm As, 1420ppm S, 228ppm Zn from 15m; within amphibolite interval 4-16m at 300ppm Zn (hematitic sandstone logged from 1-3m)
	Gabo Fault	Titeline Drilling Pty Ltd	2 RC holes drilled for 325.8m (NAR6012, NARD6011) NARD6011 later extended by Diamond coring	to test the unconformity between the Mamadawerre Sandstone and basement Cahill Formation; follow-up Tempest conductive targets	NAR6012 - 1m @ 95.5ppm U, 106ppb Pd, 438ppm Cu and elevated REE from 130m associated with graphitic structure NAR6012 – 1m @ 59.2ppm U, 13ppb Pd from 137m associated with graphitic structure
	N147 East	Titeline Drilling Pty Ltd	2 RC holes drilled for 320m (NARD6013, NARD6014) both holes later extended with diamond coring	to test the unconformity between the Mamadawerre Sandstone and basement Cahill Formation; follow-up Tempest conductive targets	NARD6013 intersected chloritic shear zone at 78m within sandstone portion of RC hole
	Gabo Fault	Titeline Drilling Pty Ltd	NARD6011 extended from 147.8m to 244.1 (96.3m core)	drill test deep Tempest conductor	NARD6011 intersected three parallel, silicified healed shears from 151 to 202m, with reactivation of part of the lower shear with hematite and clay gouge material 0.5m @ 1090ppm U, 177ppb Au, and 107ppm Mo from 200.5 to 201m 0.5m @ 241ppm U from 198.5 to 199m
	N147 East	Titeline Drilling Pty Ltd	2 DDH extensions from 190 to 397m (207m DDH) NARD6013, and 130 to 331.2m (201.2m DDH) for NARD6014	drill test deep Tempest conductor	NARD6013 intersected Nabarlek Granite at 386.7m underlying basement Cahill Formation pelitic shists and gneisses
<b>Geochemical</b>					
<u>RC Samples</u>	NARD6011, 6013, 6014	NTEL	349 samples		
<u>Drill Core Samples</u>	NAR(D)6001 - 6014	NTEL	113 samples		
<u>Outcrop Samples</u>	NA06 samples	NTEL	63 samples		NA060607 with 42.6 ppm U from ferrigenous fractured sandstone
<b>PIMA</b>					
<u>Drilling</u>	Drill Holes	Cameco	1962 spectra collected	characterize the clay and mineral species of the intersected rocks	
<u>Outcrop/Rock</u>	Regional samples	Cameco	68 spectra collected	characterize the clay and mineral species of the rock samples	
<b>Petrography</b>					
<u>Drill Core</u>	Drill Holes	Pontifex and Associates	15 samples	characterise mineralogy and alteration phases	
<b>Geophysical Surveys</b>					
<u>TEMPEST Electromagnmetic survey</u>	regional	Fugro	2048 line km at 120m flying height	identify conductors that relate to structure	a number of drill targets have identified
<u>Sub Audio Magnetics (SAM)</u>	N147 East	Geophysics Australia (GAP)	1km x 1km survey grid	total field magnetometric resistivity measured which can identify structures not observed in either magnetics or EM surveys	no clear targets defined