

Cameco Australia - Nabarlek Project - EL's 10176, 24371, 24372
2007 Exploration Summary

Type of Work		Area	Contractor	Coverage	Objective	Results
Ground Reconnaissance						
	Soil Sampling	N147, Iris, N23 and Nabarlek Reconnaissance	UEL Geologists		Soil sampling may be an alternate targeting tool for the region	NA071001 - 021, NA071030 - 092, NA071115 - 135 Most significant mineralisation recorded - NA071027 @ 36 ppm U & NA071026 @ 35 ppm U
		SW Corner	UEL Geologists		Soil sampling may be an alternate targeting tool for the region	NA071150 - NA071191. No significant mineralisation
	Lag Samples	N147, Iris and N23	UEL Geologists			NA071022 - 029, NA071093 - 114, NA071136 - 149 NA071027 @ 36 ppm U & NA071026 @ 35 ppm U
	Helicopter Supported Rock Chip Sampling	Regional	Jayrow and UEL Geologists	A number of exploration traverses were completed over areas of planned drilling	Field reconnaissance over the more inaccessible drilling targets	35 samples collected NA070001 - NA070021, NA073001 - NA073008 & NA070301 - NA070305 Most significant results - NA070002 184 ppm U3O8 from the U65 Prospect. Sample comprised of dark red-black amorphous goossan float.
	Stream Sediment Samples	Regional	Jayrow and UEL Geologists			4 samples collected NA001, NA003 - NA005
Drilling						
	RAB/Aircore Drilling	Bus Stop	Johannsen Drilling Pty Ltd	13 holes were drilled for 179m	Future target generation	50 samples. No significant mineralisation
		U98 North	Johannsen Drilling Pty Ltd	16 holes were drilled for 223m	Future target generation	57 samples. No significant mineralisation
		U101	Johannsen Drilling Pty Ltd	20 holes were drilled for 261m	Future target generation	67 samples. No significant mineralisation
		Yirra	Johannsen Drilling Pty Ltd	7 holes were drilled for 68m	Future target generation	18 samples. No significant mineralisation
		S25/Valley of Iron	Johannsen Drilling Pty Ltd	10 holes were drilled for 134m	Future target generation	34 samples. No significant mineralisation
		U65 North	Johannsen Drilling Pty Ltd	33 holes were drilled for 419m	Future target generation	112 samples. NAA6140 002-004 ave 580ppm Zn
		N23	Johannsen Drilling Pty Ltd	39 holes were drilled for 600m	Future target generation	164 samples. NAA6123 10m @ 12.4 ppm U
		Muddy Waters	Johannsen Drilling Pty Ltd	17 holes were drilled for 227m	Future target generation	63 samples. No significant mineralisation
		Contact	Johannsen Drilling Pty Ltd	27 holes were drilled for 577m	Future target generation	158 samples. NAA6205 001-006 Ave 201ppm Cu
		U31	Johannsen Drilling Pty Ltd	22 holes were drilled for 443m	Future target generation	102 samples. No significant mineralisation
		S25	Johannsen Drilling Pty Ltd	15 holes were drilled for 221m	Future target generation	60 samples. NAA6227 2m @ 12 ppm U
		S27 West	Johannsen Drilling Pty Ltd	21 holes were drilled for 298m	Future target generation	67 samples. NAA6252 4m @ 14ppm U, NAA6256 2m @ 12.2ppm U, NAA6247 2m @ 13.2ppm
		U98 South	Johannsen Drilling Pty Ltd	27 holes were drilled for 417m	Future target generation	82 samples. NAA6269 002-006 ave 154ppm Cu, 003-006 ave 148ppm Zn
		SW Corner	Johannsen Drilling Pty Ltd	13 holes were drilled for 205m	Future target generation	40 samples. NAA6295 003 47ppb Au
	RC Drilling	N147	Titeline Drilling Pty Ltd	NARD6016 to 48.2m NARD6017 to 63.7m		
		N84	Titeline Drilling Pty Ltd	NARD6020 to 98.7m NARD6021 to 110.6m		
		Gabo Fault	Titeline Drilling Pty Ltd	NARD6018 to 38m NARD6019 to 101.5m		Object dropped down hole, drilling aborted.
	Diamond Drilling	Ampitheatre Prospect	Titeline Drilling Pty Ltd	NAD6015 drilled for 373.1m	Targeting a 'Caramel-style' TEMPEST target	Hole collared in Mamadwerre Sandstone, minor dolerite dykes and unconformity position intersected at 196.4m No significant mineralisation.
		N84	Titeline Drilling Pty Ltd	2 DDH:NARD6020 extended from 98.7m to 162.5m EOH	Drilled in an attempt to follow-up mineralisation encountered in	NARD6020 encountered 75m of Oenpelli Dolerite before intercepting basement lithologies. Drillhole was designed to target thin U intercepts encountered in NANND0182

Type of Work		Area	Contractor	Coverage	Objective	Results
	Diamond Drilling cont'd			NARD6021 extended from 110.6m. to 171.4m EOH	previous RC drilling and to test for N-S structures As Above	NARD6021 encountered 75m of Oenpelli Dolerite before intercepting basement lithologies Drillhole targets possible N-S striking structure interpreted from offsets in stratigraphy No significant mineralisation
		Gabo Fault	Titeline Drilling Pty Ltd	NARD6019 extended from 101.5m to 198.8m EOH	Drilled to follow up on 2006 drilling and was intended to intersect the 3rd in a series of deeply dipping shear zones assoc with the Gabo Fault	Dillhole was collared in Mamdawerre Snadstone and intersected the unconformity surface at 119.3m. Basement sequences consisted of altered schists and amphibolites. No significant mineralisation
		N147	Titeline Drilling Pty Ltd	NARD6016 extended from 47.3m to 200.3m EOH NARD6017 extended from 63.7m to 242.7m	Drilled on the same section and orientation as two historical mineralised dillholes RC29D and RC34D.	17m @ 0.15% U3O8 from 71m and 21m @ 0.16% U3O8 from 108m 22.1m @ 0.37% U3O8 from 115.1m Both drillholes intersected mineralised Oenpelli Dolerite before drilling through moderately dipping WSW-ENE fault structure to Mamadawerre Sandstone. Holes were extended through the unconformity position to test for prospective basement sequences. Mineralised zones appear to be associated with cross-cutting veins and areas of moderate heamatite alteration forming selvages to the vein/fracture sets
				NAD6022 drilled for 167.8m NAD6023 drilled for 186.6m NAD6024 drilled for 202.9m	Testing N147 target ~80m along strike ENE of NARD6017 Testing possible strike extension of mineralisation in NARD6017 Drilled along strike from mineralisation encountered in NANNR0087	3.7m @ 0.034% eU3O8 from 116.15m 0.4m @ 0.019% eU3O8 from 47.2m No significant mineralisation
Geochemical						
	RC Samples Drill Core Samples RAB/Aircore Samples Outcrop Smaples Soil Samples Lag Samples Stream Sediment Samples	NARD6016 - 6021 NA[R]D6016 - 6024 NAA6026 - NAA6305 NA070001 - NA070014 NA071012-021, NA071030-092 NA071115-135, NA071150-191 NA071022-029, NA071093-114 NA071136-149 NA073101 - NA073104	NTEL NTEL NTEL NTEL AMDEL AMDEL AMDEL	103 Samples 508 Samples 1074 Samples 35 Samples 147 Samples 43 Samples 4 Samples		For a total of 459.8m drilled For for a total of 1484.3m drilled A total of 280 drillholes for a total of 4272m.
Geophysical Surveys						
	Airborne Bell Gravity		Bell Geospace	1,235 line km	define structures / alteration	better definition and recognition of regional structures not well defined in other surveys