

Table 1: ERL 25896: Cadell Exploration Summary 2008 to 2009

Category	Activity	Contractor	Coverage	Specifications	Objectives	Results
Geology	Truck mounted aircore Drilling	Bullion Pty Ltd	75 Sites	All the holes drilled to various depths to the bedrock	To test the saprolite for uranium mineralisation and precious metals.	Most of the aircore holes went through the top overburden down to the clays then saprolite and sap-rock with little on or none preserved parental structures. Clays show variable alteration ranging from weak to intense red-brown hematite and the dolerite displays weak to locally intense chlorite alteration. Radiation measurements from the SPP2 instrument have revealed the radiometric readings in the regolith vary from 60 to 130 cps.
Geology	Truck mounted RC Drilling	Gorey & Coley Pty Ltd	8 Sites	CDR0109 to CDR0116 - 124 to 256 m deep at same inclinations and various azimuths	(a)Test the potential of Stevens fault for uranium mineralisation at/near the unconformity-fault intersection. (b) To test zones of low magnetic response which appeared to correspond with increased uranium (c) To investigate uranium mineralisation potential of a NNW trending lineament, that cross-cuts the Stevens fault, at the intersection with the unconformity (d) To test for extensions of mineralisation intersected in previous drilling programs	Holes CDR0110, CDR0112 and CDR0113 all encountered anomalous zones. Mineralisation in the three holes is hosted in altered dolerite zone associated with the Stevens Fault Zone. The best gamma derived results include: 10.22 m @ 0.1314 eU3O8% from 84.4 m- CDR0110 1.17 m @ 0.0154 eU3O8% from 49.36 m and 2.29 m @ 0.0271 eU3O8% - CDR0112. CDR 0115 that targeted the magnetic high and low boundary had disappppointing narrow insignificant uranium intersections.
Lithogeochem	Geochemical analysis of aircore and drill chips	Ntel	793	65 elements including U, Th, Au, Pd, Pt, U_labile & Pb isotopes. Composite, split & spot samples	Identify mineralised intervals in drill hole, characterise metallogenic associations and determine vectors to ore	Best analytical results include: (a) 12 m @ 1148.49 ppm U3O8 from 85m - Faulted dolerite CDR0110 (b) 6 m @ 115.323 ppm U3O8 from 49 m - Fault Zone in dolerite CDR0112 (d) 4 m @ 281.10 ppm U3O8 from 84m - dolerite-sandstone contact CDR0113
Multispectral studies	PIMA analysis of Drill chip samples	Cameco	1386	Std PIMA device: raw spectra (DSP & FOS) and TSA & TSG files; semiquantitative table.	Characterise clay altered intervals in drill core.	
Research	Petrographic Samples - RC Chips	Petrographics International	Five samples	Rock mineral characterisation and classification	To identify primary lithologies and subsequent alteration and mineralisation assemblages in various rocks identified in 2008 RC drilling.	