



Figure 1. Location Map. Green is the relinquished area of EL8/96. Purplequalls Goldfields tenements.

## 2.0 GEOLOGY

### 2.1 Stratigraphy

The stratigraphy of the South Henty lease has been well documented by Resolute geologists (Herrmann and MacDonald, 1996) through detailed litho-geochemistry, mapping and graphical logging. Goldfield's work to date has not altered the stratigraphy to any great degree and is summarised below. Goldfields stratigraphic codes are included.

Tyndall Group	Zig Zag Hill Fm	Post-eruptive rhyolitic, volcanolithic conglomerate and qtz-crystal rich sandstone. <i>Ctc</i>
	Mt Julia Member	Syn-eruptive qtz-feld crystal rich sandstone. <i>Ctt</i> Massive qtz-phyric rhyolitic lavas, breccias and intrusions. <i>Ctl</i>
	Lynchford Member	Syn-eruptive feld crystal rich volcanoclastic sandstone. <i>Cttl</i> Massive carbonate and marly sediments. <i>Ccarb</i> Dacitic volcanoclastic sediments. <i>Cttld</i> Howard's Basalt. Fine grained basaltic andesite dykes, lavas and lithic breccias. <i>Cb</i>
CVC (Suite II)	Suite II Porphyry Anthony Road Andesite	Qtz-feld-hbl porphyry. Intrusive, fractionated. <i>Cp</i> Feld-hbl phyric andesite and breccia, extrusive and intrusive. <i>Ca</i>
CVC (Suite I)	Newton Creek Dacites	Dacitic to andesitic volcanoclastic sediments. <i>Ccv</i>