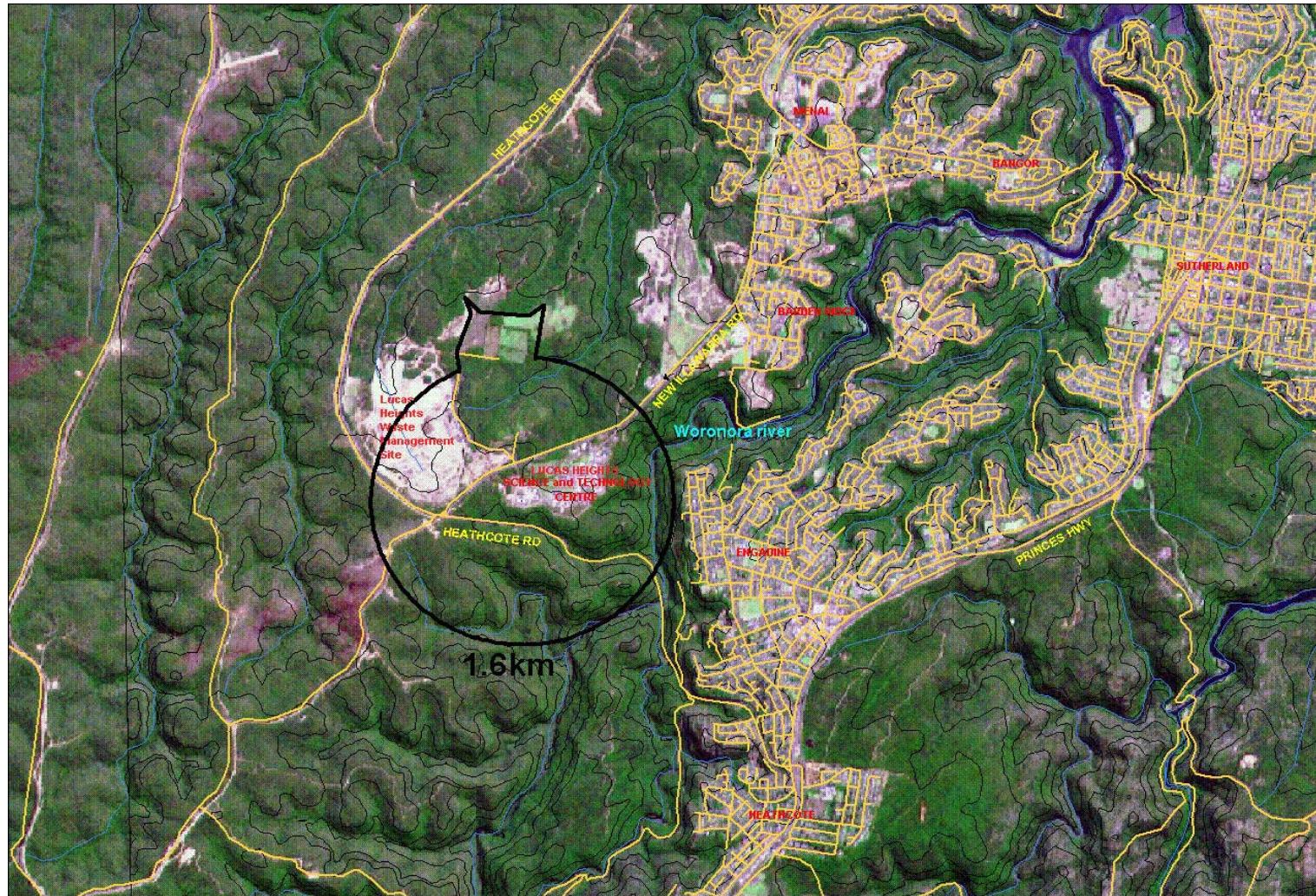
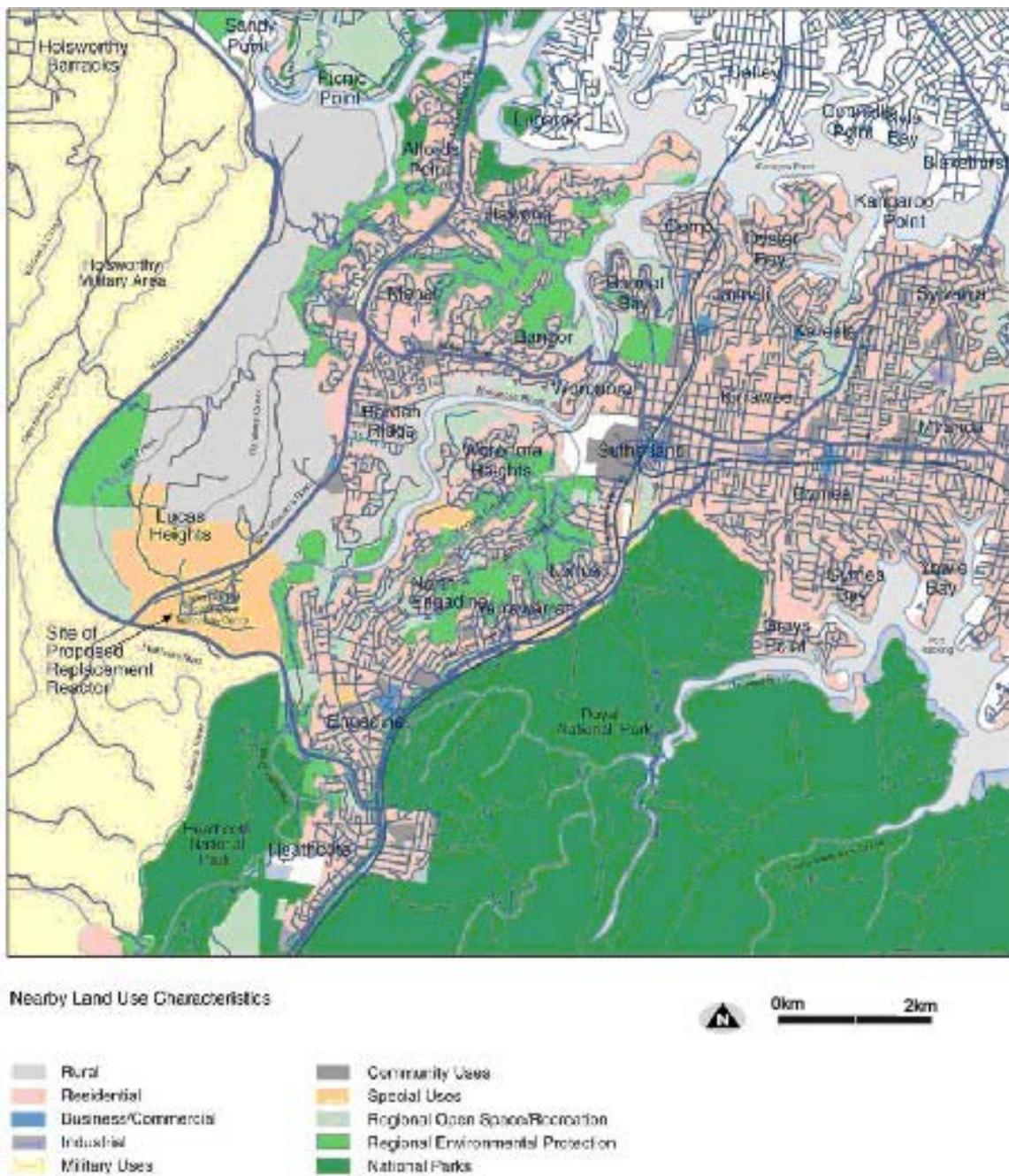
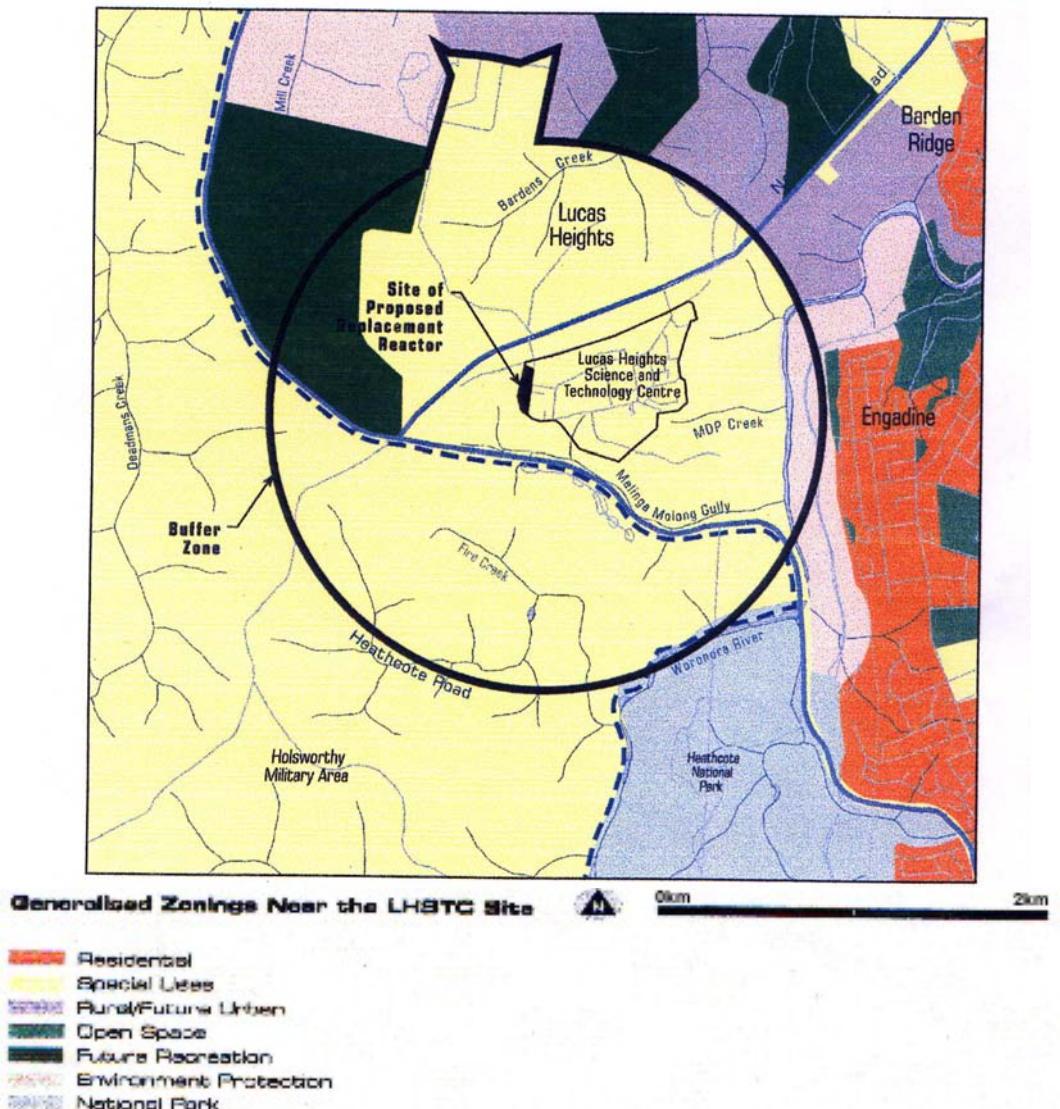
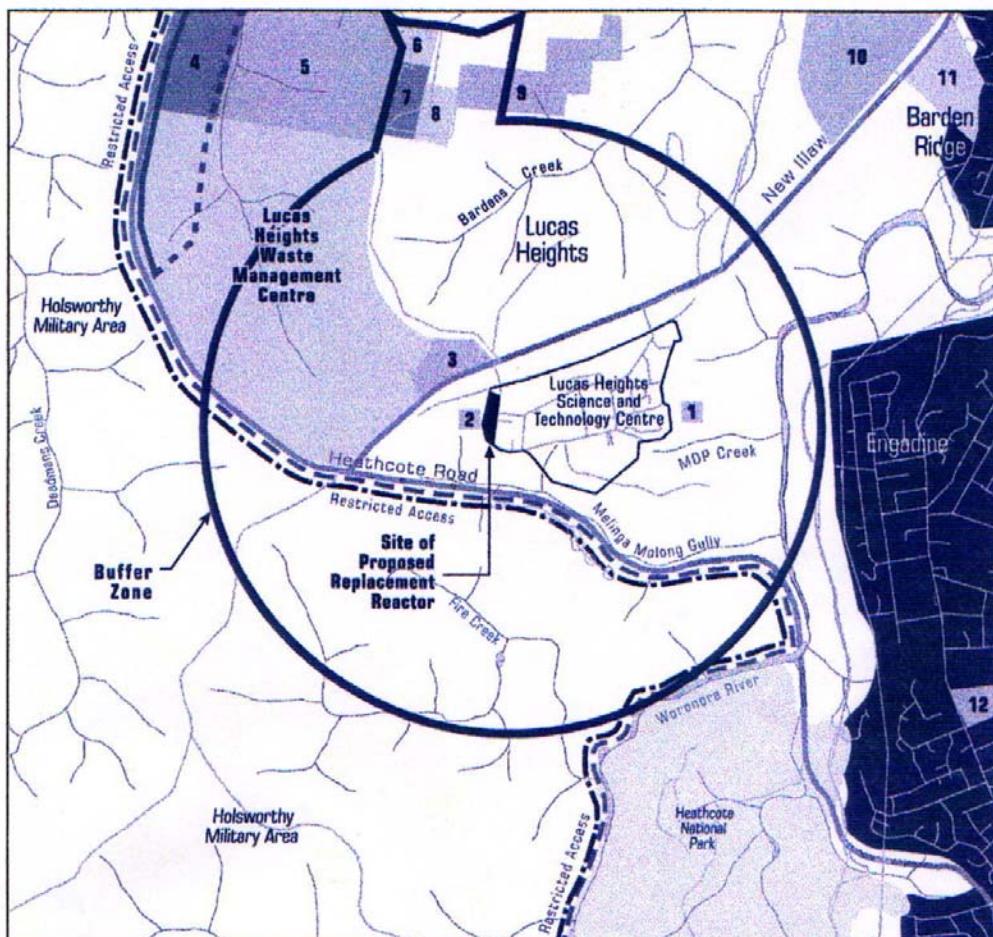


Figure 3.2/1 Map of the Lucas Heights Area



**Figure 3.2/2**    **Nearby Land Use Characteristics**

**Figure 3.2/3 Generalized Zoning near the LHSTC Site**

**Figure 3.2/4 Land Use Within and adjoining the Buffer Zone**

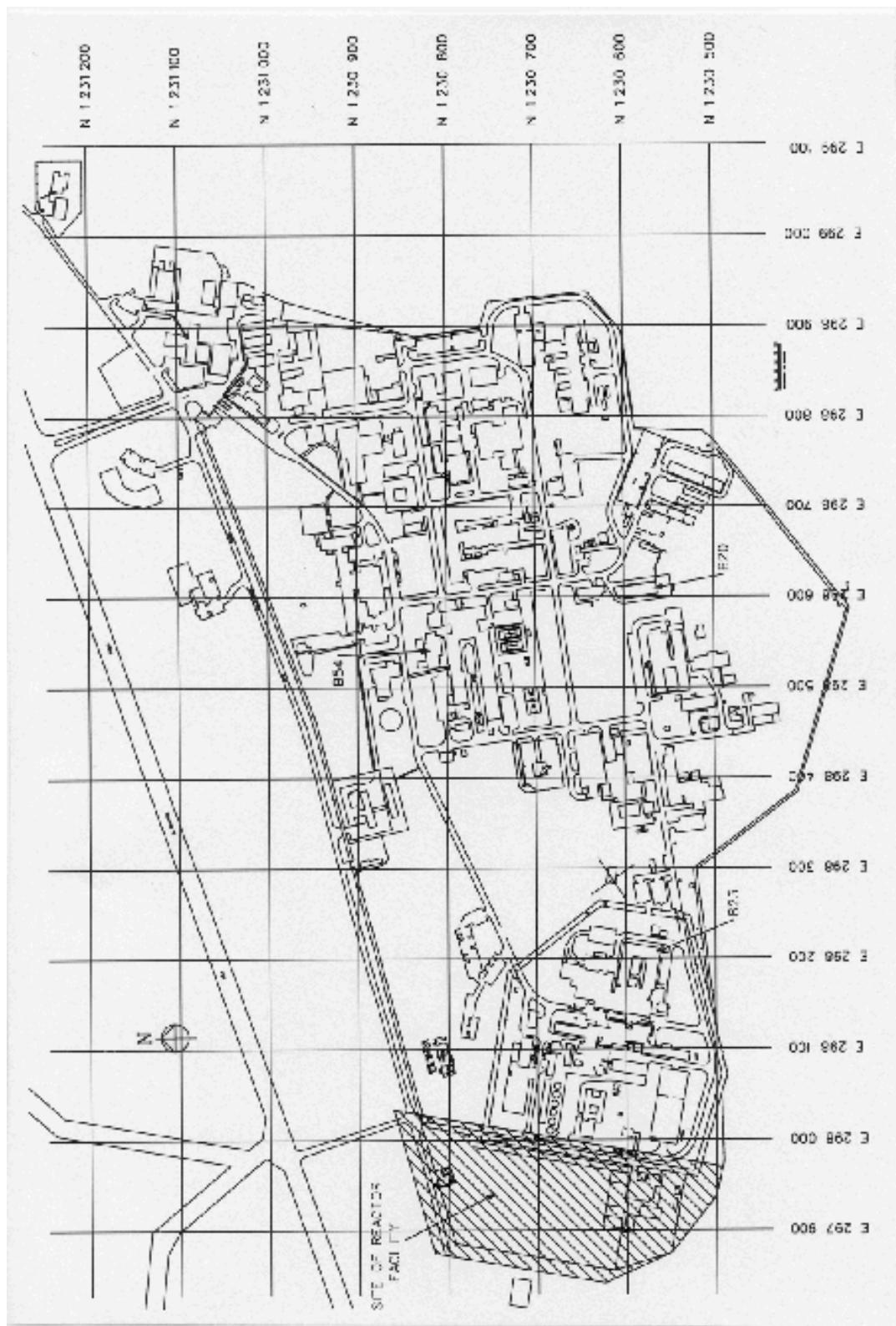
#### Land Uses Within and Adjoining the Buffer Zone

- Residential
- United Pistol Club
- CRC Bioresearch Facility
- Sutherland Police and Community Youth Club Mini-bike Track
- Sydney International Clay Targets Association
- Proposed Conservation Area
- Former IWC Liquid Waste Depot
- Former Waste Management Authority Depot
- Little Forest Burial Ground
- Former Sutherland Shire Council Night Soil Depot
- Lucas Heights No. 1 Waste Depot
- Lucas Heights High School and Public School
- Engadine West Public School



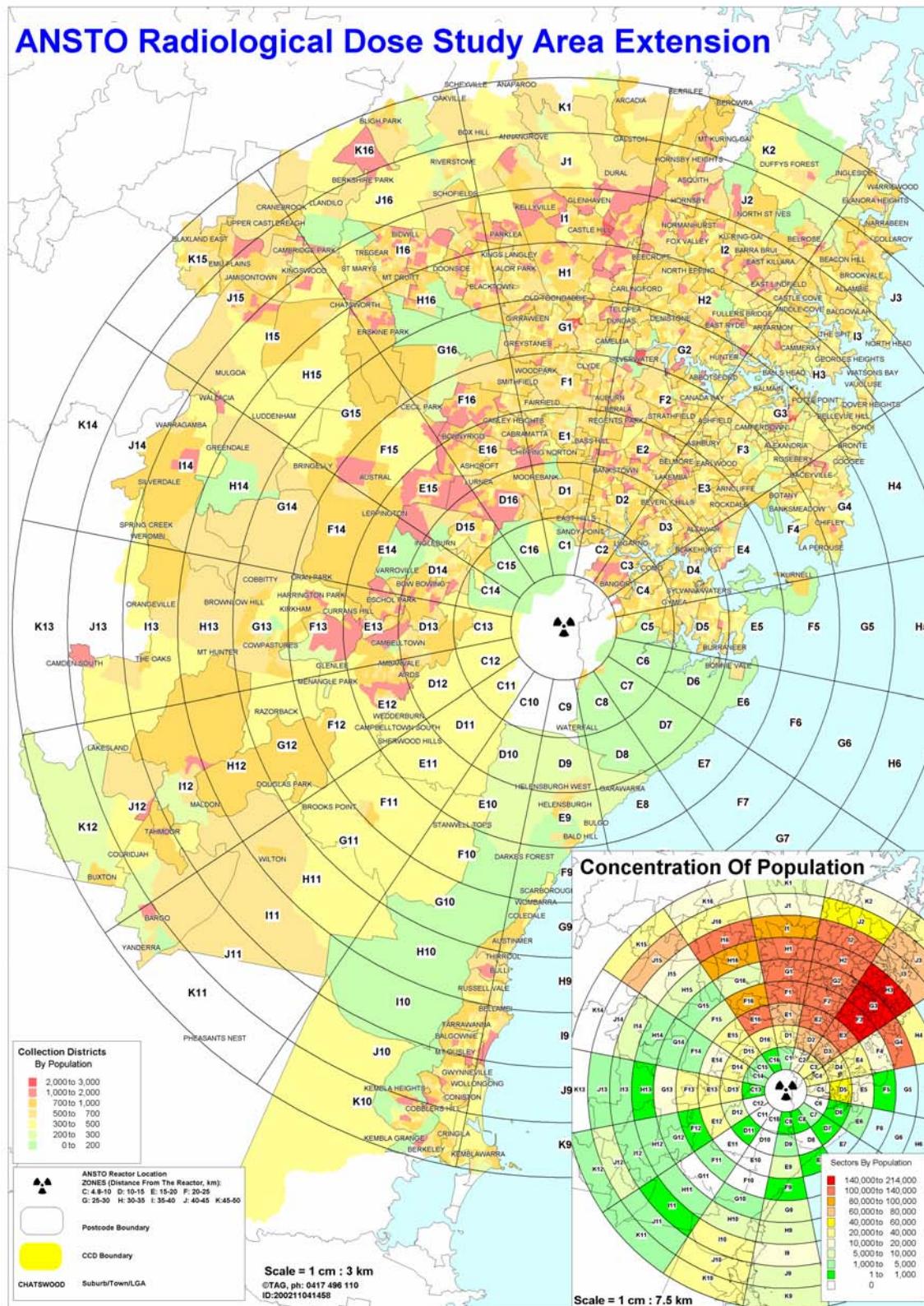
0km

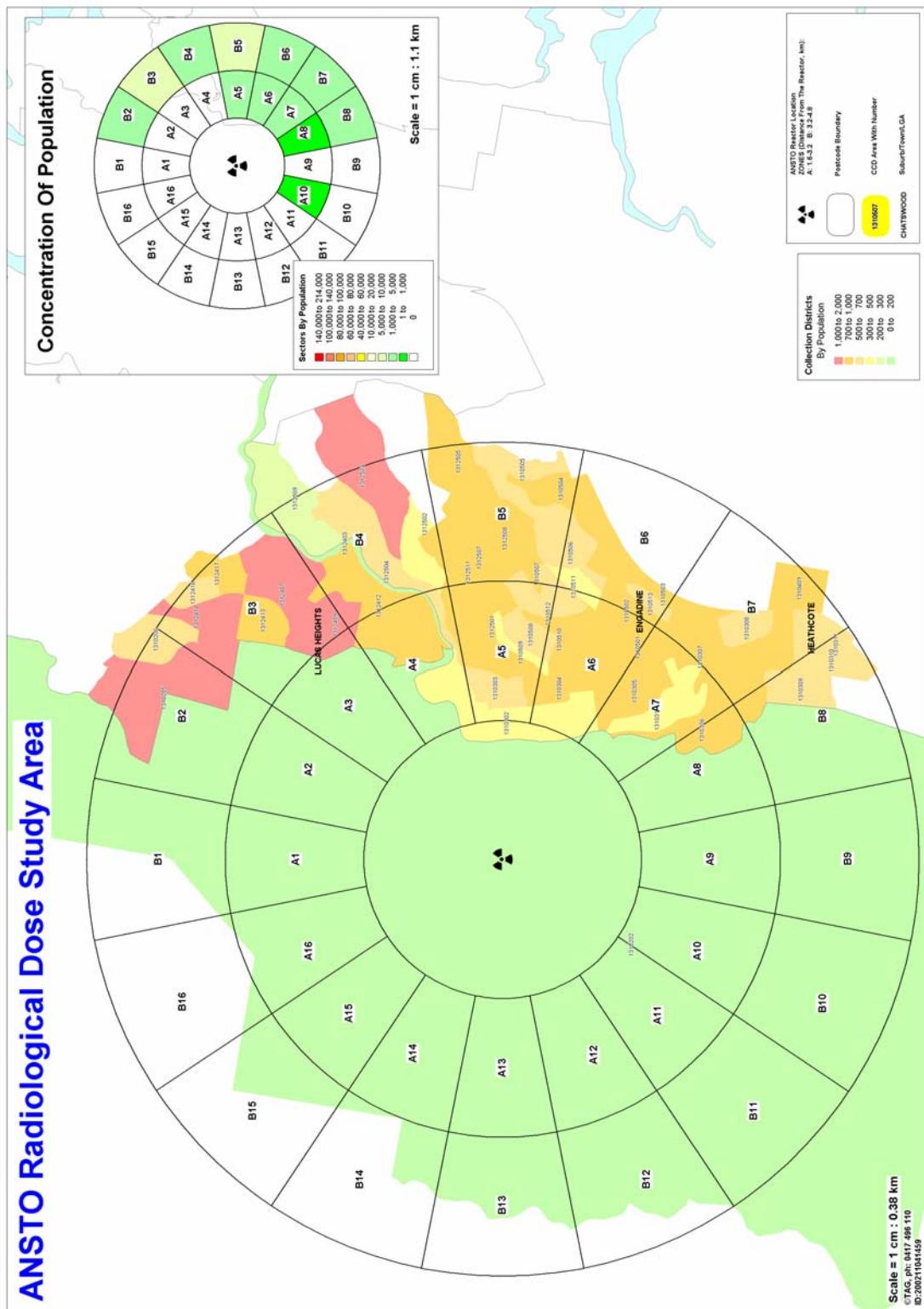
2km

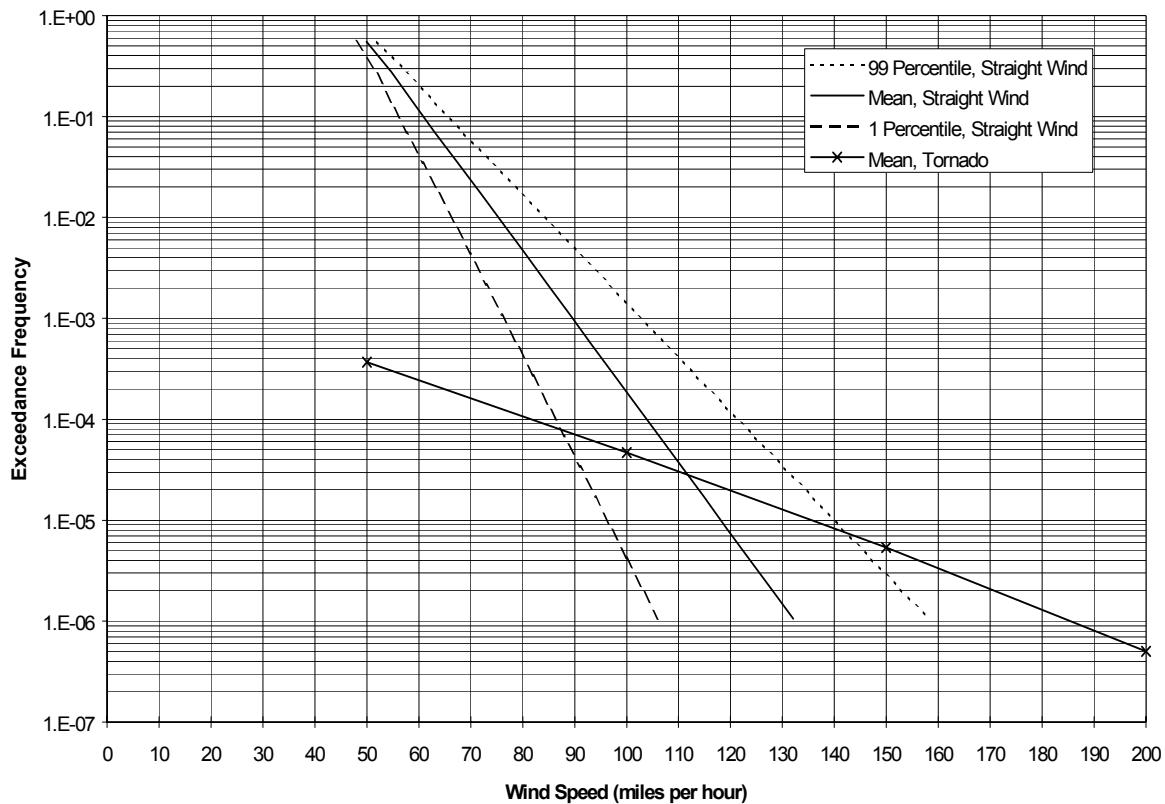
**Figure 3.2/5 Survey Map for the Replacement Research Reactor Site**

NB scale reads 0 to 100 m

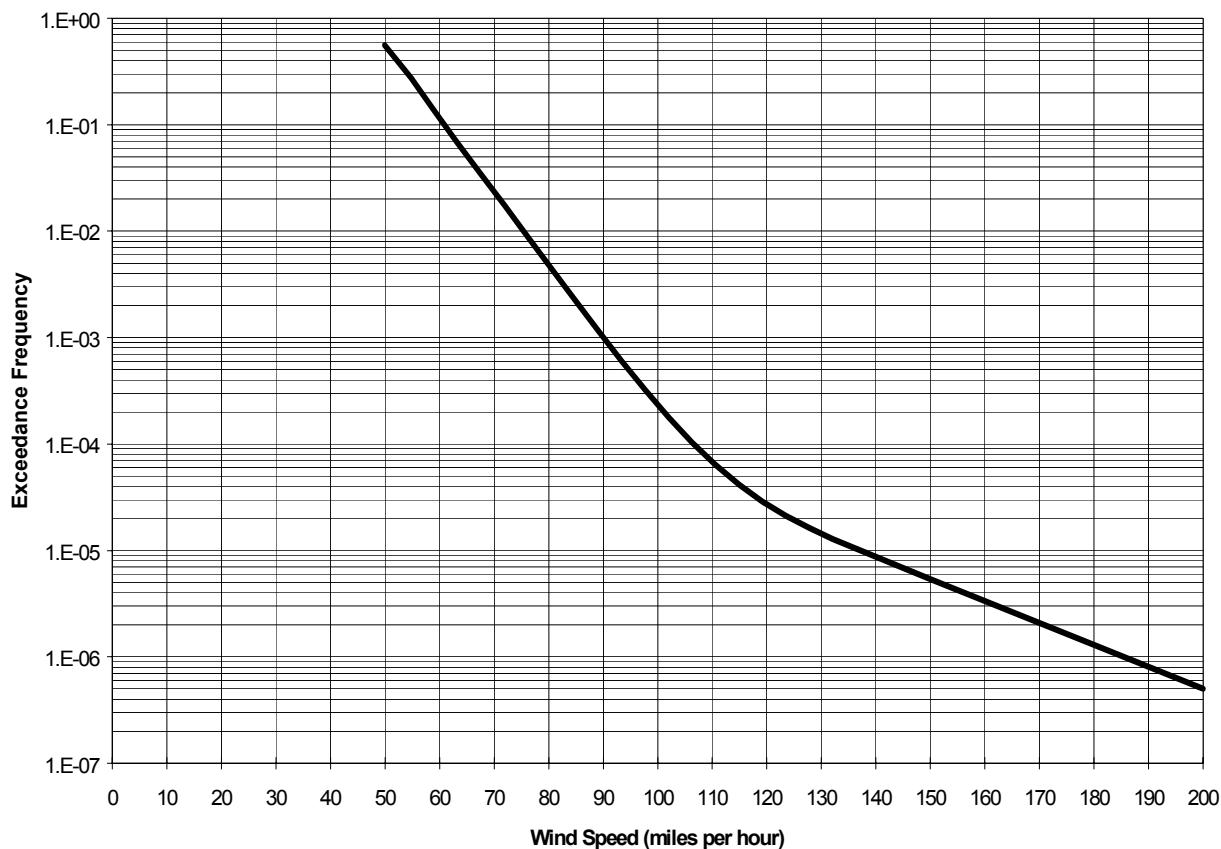
Figure 3.2/7 Population Distribution 1.6 to 25km

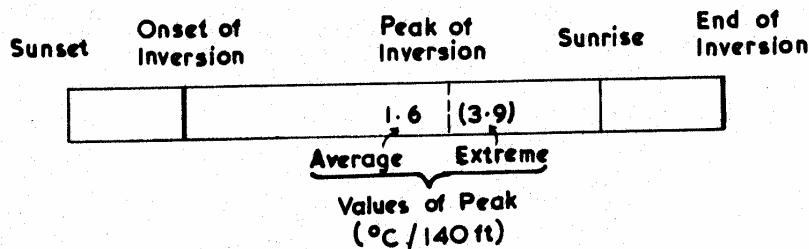
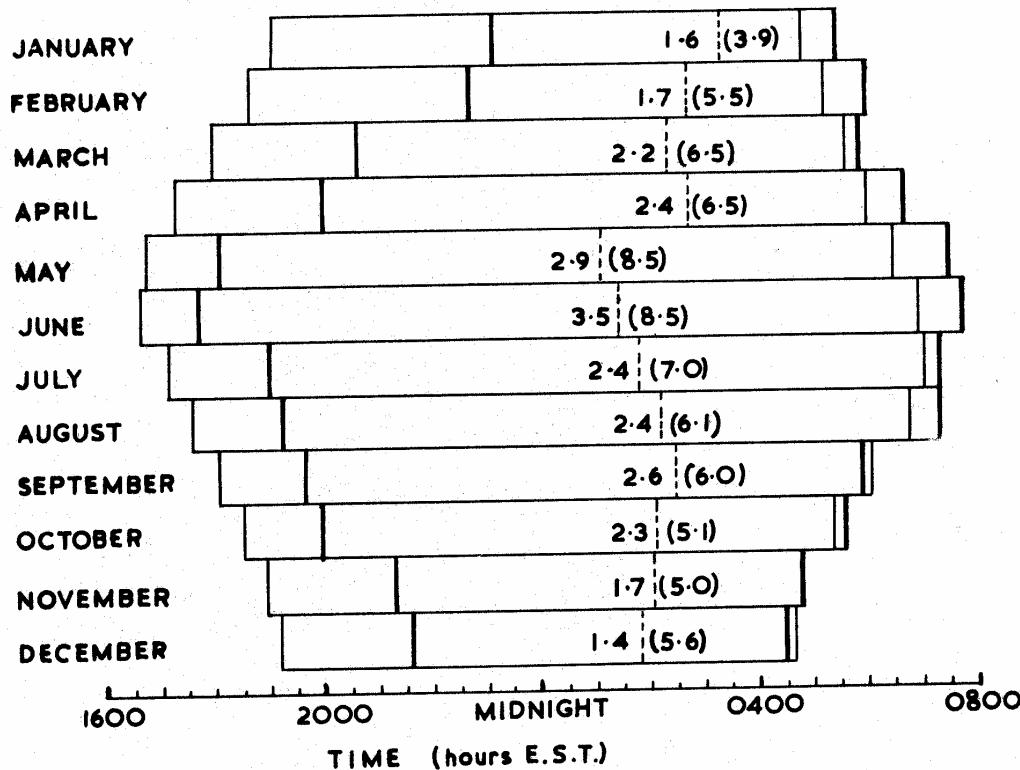


**Figure 3.2/8 Population Distribution to 4.8km**

**Figure 3.2/9 Exceedence Frequency (per Year) Curves for the Fastest Wind Speed and Tornado Wind**

**Figure 3.2/10 Combined Exceedence Frequency per Year for the Fastest Wind Speed and Tornado Wind**



**Figure 3.2/11 Monthly Average of Time of Occurrence of Inversions**

**Figure 3.2/12 Location of LHSTC Groundwater Monitoring Wells**