

- LEGEND**
- Historical drilling (Company Report)
  - Conarco Minerals (2006-0112)
  - North Exploration (1994-0820/0821)
  - Peko-Wallsend (1993-0221, 1994-0279)
  - Homestead
  - Manganese occurrences
  - Coastline
  - Track
  - Minor Road
  - Major watercourse
  - Minor watercourse
  - VTEM survey outline
  - Tenement outlines

**VTEM Survey Specifications**

Contractor: Geotech Airborne Pty Ltd.  
EM system: VTEM Helicopter EM  
Survey line spacing: 200m  
Survey line direction: 090-270 (E-W)  
Tie line spacing: 3000m  
Tie line direction: 000-180 (N-S)  
Nominal terrain clearance: 41m

Survey Helicopter  
Model: AS 350 B3  
Registration: VH-VTN  
Operating company: United Aero  
Nominal survey speed: 90km/h  
Nominal terrain clearance: 75m

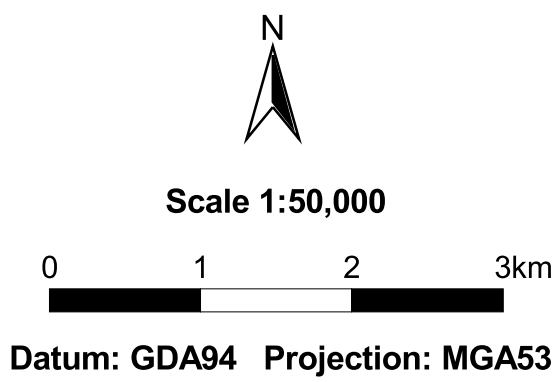
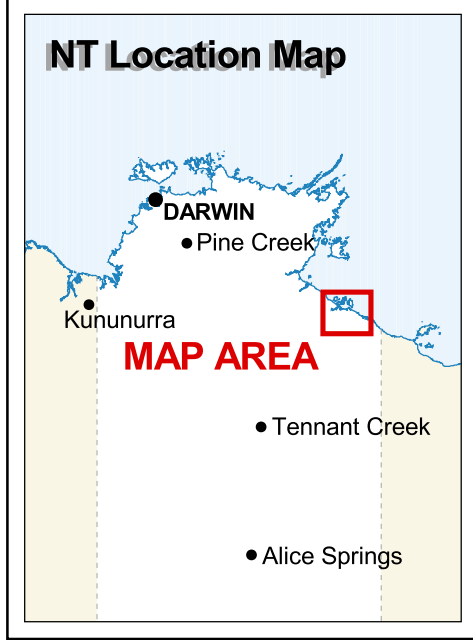
VTEM Transmitter  
Coil diameter: 26m  
Number of turns: 4  
Frequency: 25Hz  
Peak Current: 186 A  
Duty Cycle: 37%  
Peak dipole moment: 394811 N/A  
Pulse width: 7.34ms  
Nominal terrain clearance: 41m

VTEM Receiver  
Coil diameter: 1.2m  
Number of turns: 100m  
Effective area: 113.1 sq.m  
Sampling interval: 0.1s  
Nominal terrain clearance: 41m

**Notes:**

The time constant (TAU) data in this map were calculated by Geotech Airborne. Three TAU datasets were calculated between the following channels:

Tau 1: measured windows 13-24 (CH2-13)  
Tau 2: measured windows 25-36 (CH14-25)  
Tau 3: measured windows 37-48 (CH26-37)



**SINOSTEEL AUSTRALIA**

ACN 009 277 230

**Carpentaria Project, NT  
Eastern Area**

**VTEM  
B-Field - Z Component  
Time Constants (TAU's)**

Ternary Image of Calculated Time Constants  
3 - Red, 2 - Green, 1 - Blue

Compiled by: Resource Potentials  
Plot name: SSLcarp50kaeast\_VTEM-BFzTAU123 Date: 04/01/2011