



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)

NT Location Map

Scale 1:50,000

0 1 2 3km

Datum: GDA94 Projection: MGA53

SINOSTEEL AUSTRALIA
ACN 009 277 230

Carpentaria Project, NT
Eastern Area
VTEM
dB/dT - Z Component
Time Constants (TAU's)

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

Compiled by: ResSource Potentials
Plot name: SSLcarp50kadeast_VTEM-dbxTAU123 Date: 04/01/2011