



**SURVEY SPECIFICATIONS**  
 Survey Date: August 2nd to August 19th, 2008  
 Survey Base: White River Camp, Yukon  
 Aircraft: Aeromobile A-Star 350 BS (C-FOYA)  
 Nominal Survey Line Spacing: 50 Meters  
 Nominal Survey Line Direction: N 20° E  
 Nominal Tie Line Spacing: 485 Meters  
 Nominal Tie Line Direction: N 118° E  
 Nominal Terrain Clearance: 75 Meters (where possible due to rugged terrain)  
 EM Loop: Towed at a mean distance of 30 meters below the Helicopter  
 Magnetic Sensor: Towed at a mean distance of 15 meters below the Helicopter

**INSTRUMENTS**  
 Geotech Time Domain Electromagnetic System (VTM)  
 Concentric Rx/Tx Geometry  
 Transmitter: Loop: Diameter 20 Meters Base Frequency 30 Hz  
 Dipole Moment: 542,396 A·m²  
 Transmitter Wave Form: Trapezoid, Pulse Width 4.5 ms.  
 Geometrics High Sensitivity Cesium Magnetometer  
 Map Resolution: 0.02 nT at 10 samples/m

**MAP PROJECTION**  
 Datum: NAD 83  
 Projection: Universal Transverse Mercator  
 Central Meridian: 141°W (Zone 7)  
 Central Scale Factor: 0.9998  
 False Easting/Northing: 500,000m/0m  
 Major Axis: 6378137.000  
 Eccentricity: 0.081819191  
 NTS: 115002

