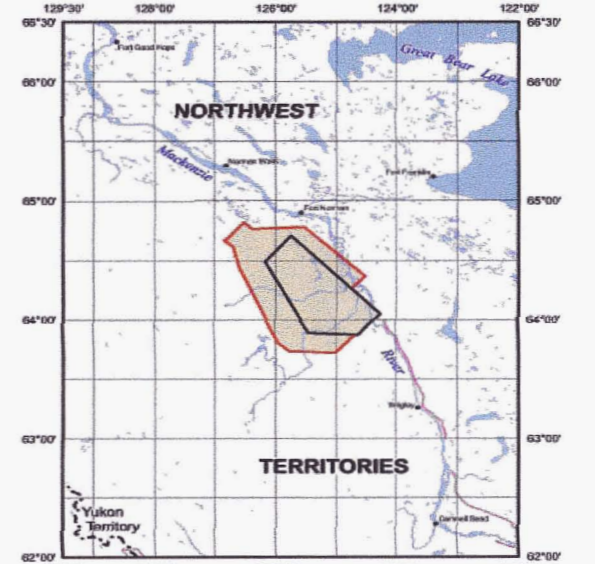




**High Resolution
Airborne Gravity Survey**
Central Mackenzie Area (2005) and Keele Summit Area (2006)
Northwest Territories

Bouguer Gravity (mGal)
(Density 2.67g/cm³)

Flight Lines
— Flight line
— Line direction
— Segment number
— Line number



Survey Location
Central Mackenzie Keele Summit

Survey and Processing Specifications

Traverse Line Spacing	600 m
Traverse Line Direction	along bearing: 45° - 225°
Control Line Spacing	2400 m
Control Line Direction	along bearing: 135° - 315°
Aircraft Altitude	150 m AGL, drags
Flying Speed	70 knots
Gravimeter Sensor	Sander Geophysical AirGrav
Gravimeter Sensitivity	0.1 mGal
Gravimeter Sample Rate	128 Hz
Aircraft Positioning	Cherstar Real-time Differential GPS
GPS Receiver	NovAtel Millennium, 12 channel, dual frequency
Aircraft	Eurocopter AS350-B3, C-130G
Density used for Bouguer and Terrain Corrections	2.67 g/cm ³
Gravity Data Spatial Filter (Full Wavelength)	0% Pass @ 3000 m, 100% Pass @ 6000 m, Mid point 4000 m
GPS Ground Station 1 (WGS-84) - 2005	64°25'21.48"N, 124°47'26.65"W, 60.6 m
GPS Ground Station 2 (WGS-84) - 2005	64°25'21.48"N, 124°47'31.15"W, 60.4 m
GPS Ground Station 1 (WGS-84) - 2006	64°54'10.07"N, 125°38'16.07"W, 65.6 m
GPS Ground Station 2 (WGS-84) - 2006	64°54'10.07"N, 125°38'16.07"W, 65.7 m
Date of Flight	October 28 - November 28, 2005 / October 20 - November 16, 2006
Grid Cell Size	200 m
UTM Zone	10N

Scale 1 : 200 000
km 5 0 10 20 km

Gravity Data Acquired using Sander Geophysical
AIRGrav
Airborne Inertially Referenced Gravimeter

