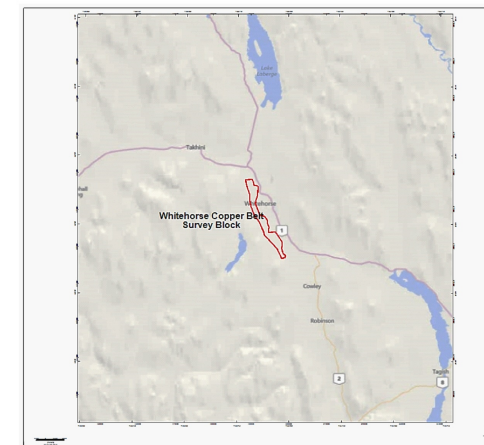


**LEGEND**

**Map Projection:**

Projection: Universal Transverse Mercator  
Central Meridian: 225 Zone 8N  
Datum: WGS 84



Survey Date: July 23, 2014  
Survey Base: Whitehorse, YT  
Helicopter Type: Eurocopter AS350  
Registration: C-GOJK  
Survey Technology: Magnetic and Radiometric survey.

**SURVEY PARAMETERS:**

Helicopter: 40.0 meters  
Magnetometer: 40.0 meters  
Radiometric: 40.0 meters  
Actual Mean Terrain Clearance: 42.1 meters

**Whitehorse Copper Belt Survey Block**

Survey Line Spacing: 200 meters  
Survey Line Direction: 090°-270°  
Tie Line Spacing: 2000 meters  
Tie Line Direction: 000°-180°

**AIRBORNE SYSTEMS:**

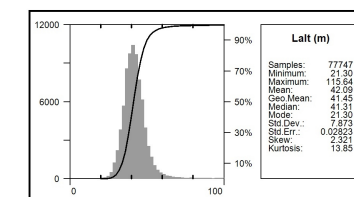
Scintrex CS-3 Magnetometer Sensor

Configuration: Stinger with 3 axis compensation  
Sample Rate: 10 Hz  
Sensitivity: 0.01 nT

Gamma Ray Spectrometer

Pico Envirotec GRS-10 Gamma Spectrometer  
12.6 litres of NaI(Tl) synthetic "downward looking" crystals  
and 4.2 litres of NaI (Tl) synthetic "upward looking" crystals

Sample Rate: 1 Hz

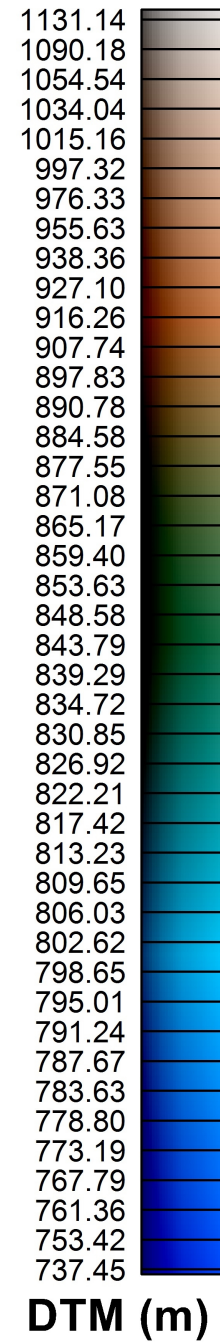
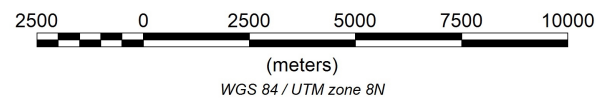
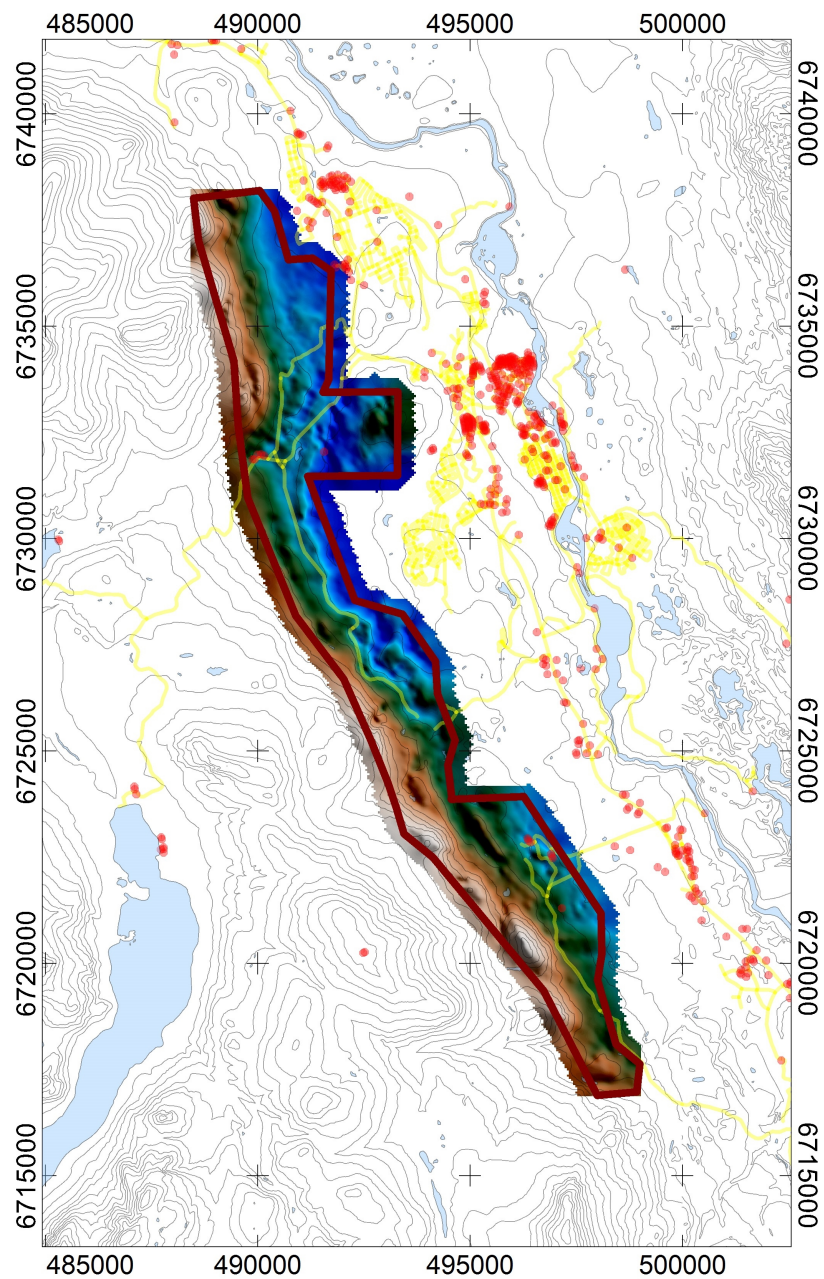


# H. Coyne and Sons

## Overview Map

Whitehorse Copper Belt Survey Block  
Actual Flight Lines  
Created By: Precision GeoSurveys Inc.  
September 19, 2014

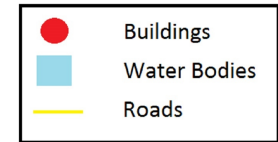
**Precision**  
GeoSurveys



LEGEND

Map Projection:

Projection: Universal Transverse Mercator  
Central Meridian: 225 Zone 8N  
Datum: WGS 84



Survey Date: July 23, 2014  
Survey Base: Whitehorse, YT  
Helicopter Type: Eurocopter AS350  
Registration: C-GOHK  
Survey Technology: Magnetic and Radiometric survey.

SURVEY PARAMETERS:

Helicopter: 40.0 meters  
Magnetometer: 40.0 meters  
Radiometric: 40.0 meters  
Actual Mean Terrain Clearance: 42.1 meters

Whitehorse Copper Belt Survey Block

Survey Line Spacing: 200 meters  
Survey Line Direction: 090°-270°  
Tie Line Spacing: 2000 meters  
Tie Line Direction: 000°-180°

AIRBORNE SYSTEMS:

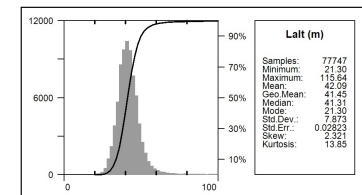
Scintrex CS-3 Magnetometer Sensor

Configuration: Stinger with 3 axis compensation  
Sample Rate: 10 Hz  
Sensitivity: 0.01 nT

Gamma Ray Spectrometer

Pico Envirotec GRS-10 Gamma Spectrometer  
12.6 litres of NaI(Tl) synthetic "downward looking" crystals  
and 4.2 litres of NaI (Tl) synthetic "upward looking" crystals

Sample Rate: 1 Hz



# H. Coyne and Sons

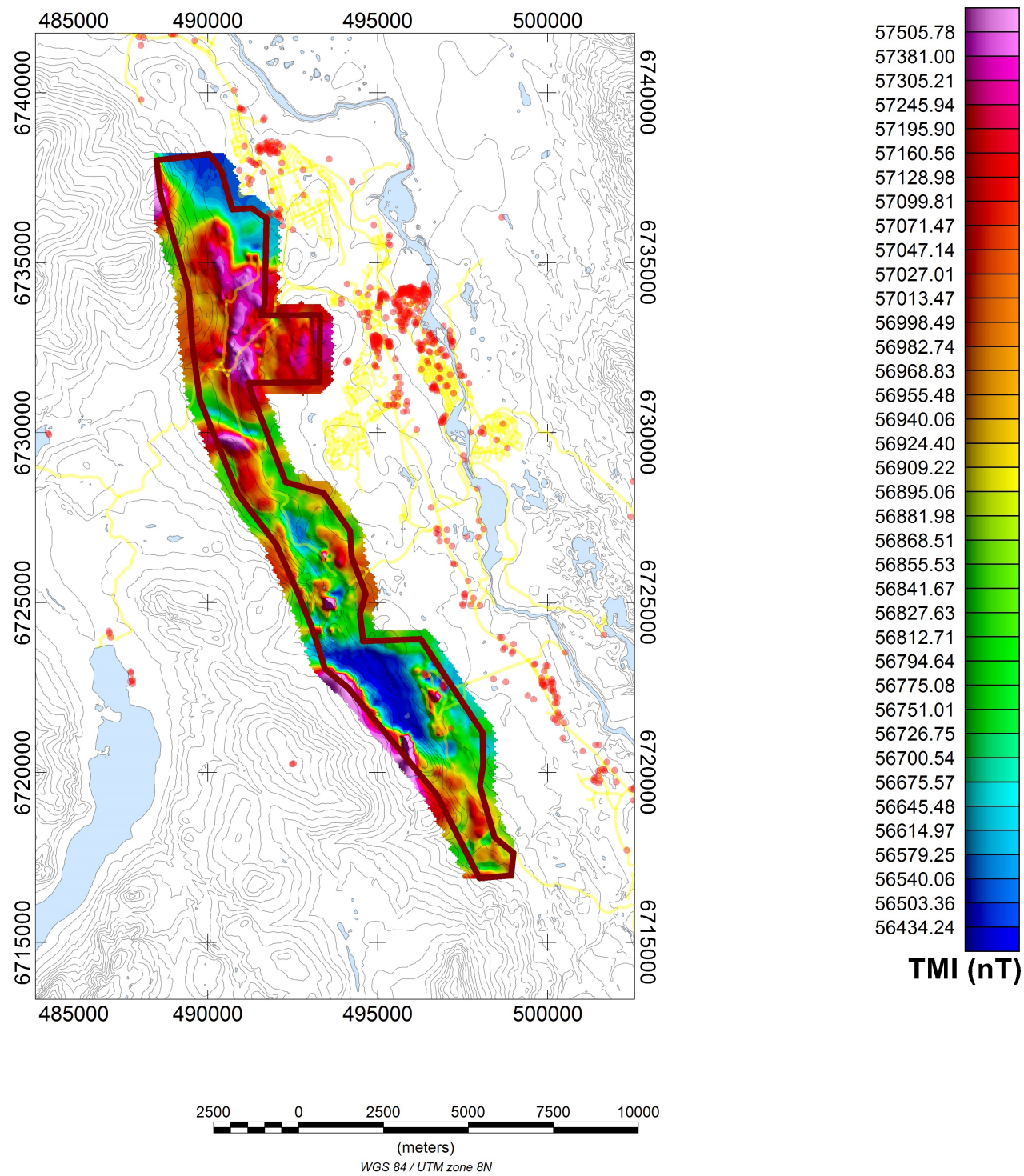
## Overview Map

Whitehorse Copper Belt Survey Block  
Digital Terrain Model  
Created By: Precision GeoSurveys Inc.  
September 19, 2014

Precision  
GeoSurveys

DTM

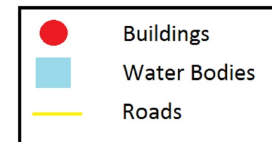
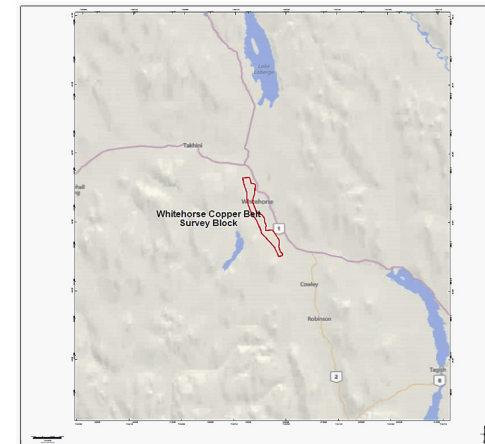




LEGEND

Map Projection:

Projection: Universal Transverse Mercator  
Central Meridian: 225 Zone 8N  
Datum: WGS 84



Survey Date: July 23, 2014  
Survey Base: Whitehorse, YT  
Helicopter Type: Eurocopter AS350  
Registration: C-GOHK  
Survey Technology: Magnetic and Radiometric survey.

SURVEY PARAMETERS:

Helicopter: 40.0 meters  
Magnetometer: 40.0 meters  
Radiometric: 40.0 meters  
Actual Mean Terrain Clearance: 42.1 meters

Whitehorse Copper Belt Survey Block

Survey Line Spacing: 200 meters  
Survey Line Direction: 090°-270°  
Tie Line Spacing: 2000 meters  
Tie Line Direction: 000°-180°

AIRBORNE SYSTEMS:

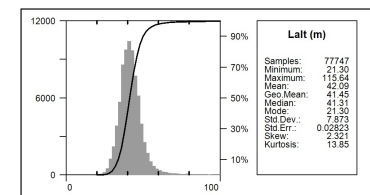
Scintrex CS-3 Magnetometer Sensor

Configuration: Stinger with 3 axis compensation  
Sample Rate: 10 Hz  
Sensitivity: 0.01 nT

Gamma Ray Spectrometer

Pico Envirotec GRS-10 Gamma Spectrometer  
12.6 litres of NaI(Tl) synthetic "downward looking" crystals  
and 4.2 litres of NaI (Tl) synthetic "upward looking" crystals

Sample Rate: 1 Hz



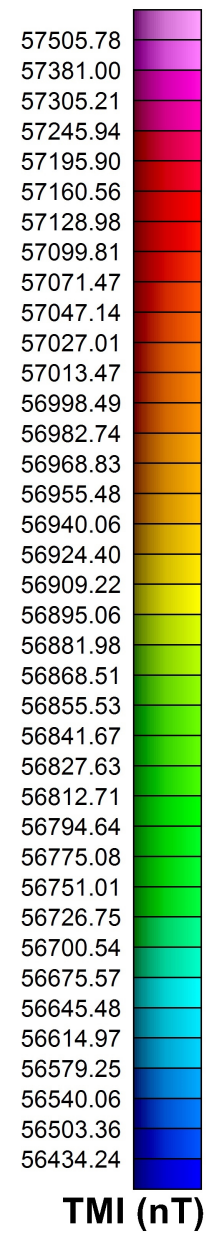
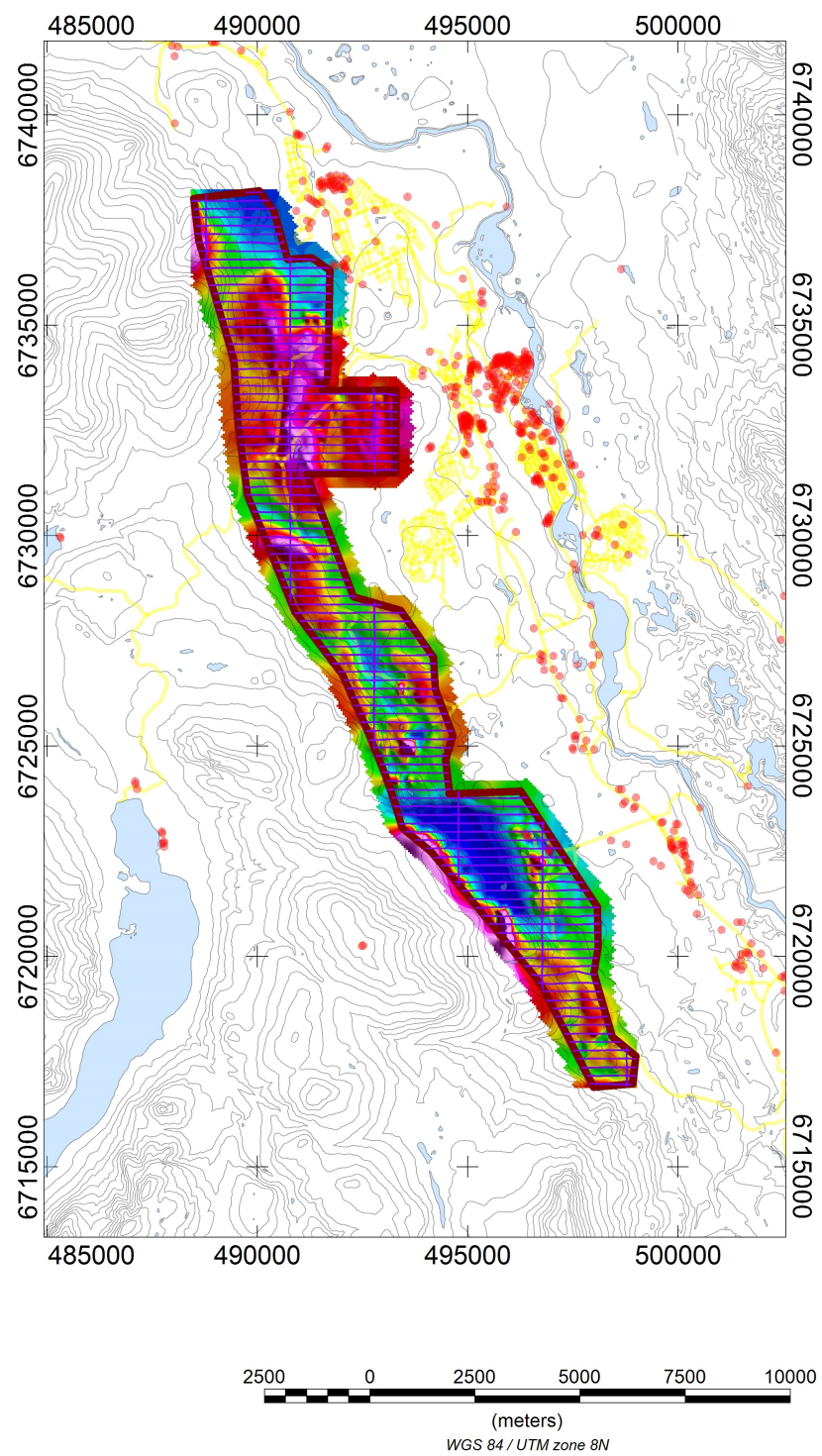
# H. Coyne and Sons

## Magnetic Map

Whitehorse Copper Belt Survey Block  
Total Magnetic Intensity  
Created By: Precision GeoSurveys Inc.  
October 07, 2014

Precision  
GeoSurveys

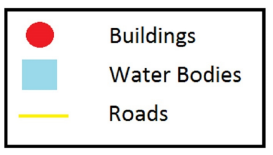
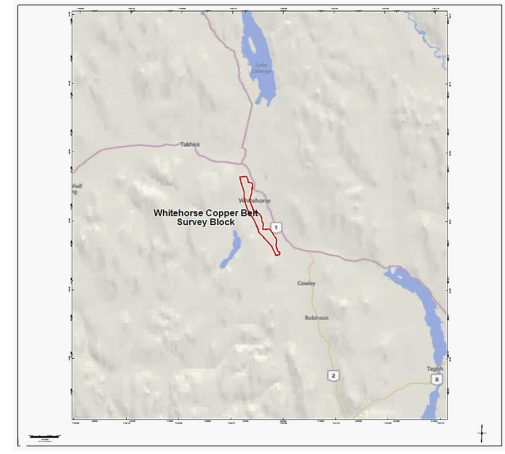
TMI



LEGEND

Map Projection:

Projection: Universal Transverse Mercator  
Central Meridian: 225 Zone 8N  
Datum: WGS 84



Survey Date: July 23, 2014  
Survey Base: Whitehorse, YT  
Helicopter Type: Eurocopter AS350  
Registration: C-GOHK  
Survey Technology: Magnetic and Radiometric survey.

SURVEY PARAMETERS:

Helicopter: 40.0 meters  
Magnetometer: 40.0 meters  
Radiometric: 40.0 meters  
Actual Mean Terrain Clearance: 42.1 meters

Whitehorse Copper Belt Survey Block

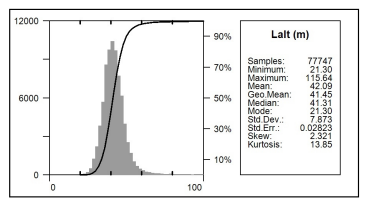
Survey Line Spacing: 200 meters  
Survey Line Direction: 090°-270°  
Tie Line Spacing: 2000 meters  
Tie Line Direction: 000°-180°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor  
Configuration: Stinger with 3 axis compensation  
Sample Rate: 10 Hz  
Sensitivity: 0.01 nT

Gamma Ray Spectrometer  
Pico Envirotec GRS-10 Gamma Spectrometer  
12.6 litres of NaI(Tl) synthetic "downward looking" crystals  
and 4.2 litres of NaI (Tl) synthetic "upward looking" crystals

Sample Rate: 1 Hz



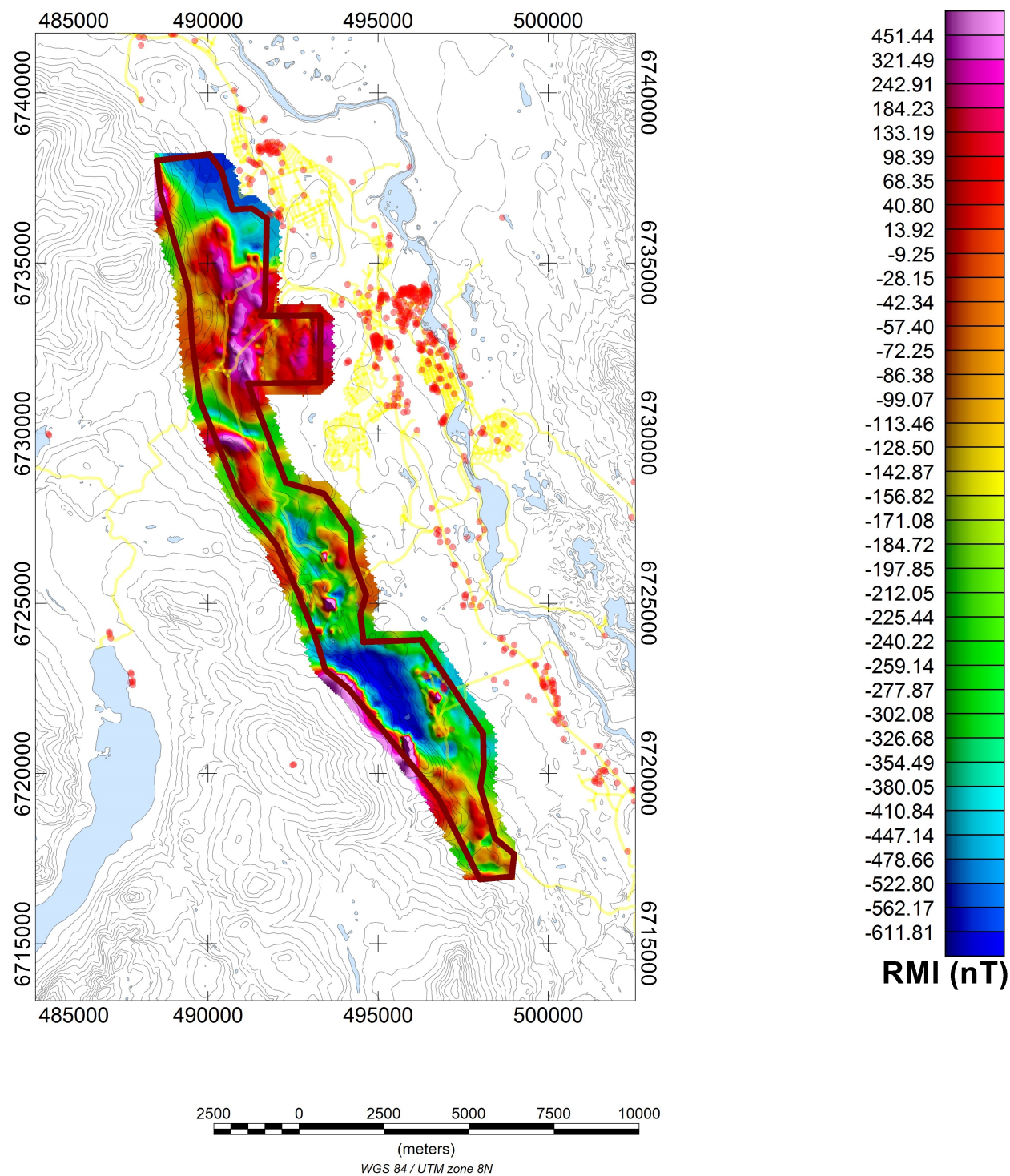
# H. Coyne and Sons

## Magnetic Map

Whitehorse Copper Belt Survey Block  
Total Magnetic Intensity with Flight Lines  
Created By: Precision GeoSurveys Inc.  
October 07, 2014



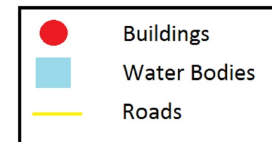




LEGEND

Map Projection:

Projection: Universal Transverse Mercator  
Central Meridian: 225 Zone 8N  
Datum: WGS 84



Survey Date: July 23, 2014  
Survey Base: Whitehorse, YT  
Helicopter Type: Eurocopter AS350  
Registration: C-GOHK  
Survey Technology: Magnetic and Radiometric survey.

SURVEY PARAMETERS:

Helicopter: 40.0 meters  
Magnetometer: 40.0 meters  
Radiometric: 40.0 meters  
Actual Mean Terrain Clearance: 42.1 meters

Whitehorse Copper Belt Survey Block

Survey Line Spacing: 200 meters  
Survey Line Direction: 090°-270°  
Tie Line Spacing: 2000 meters  
Tie Line Direction: 000°-180°

AIRBORNE SYSTEMS:

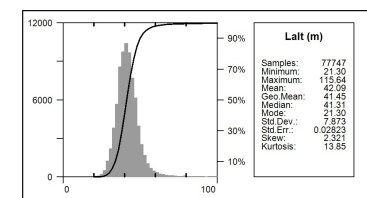
Scintrex CS-3 Magnetometer Sensor

Configuration: Stinger with 3 axis compensation  
Sample Rate: 10 Hz  
Sensitivity: 0.01 nT

Gamma Ray Spectrometer

Pico Envirotec GRS-10 Gamma Spectrometer  
12.6 litres of NaI(Tl) synthetic "downward looking" crystals  
and 4.2 litres of NaI (Tl) synthetic "upward looking" crystals

Sample Rate: 1 Hz



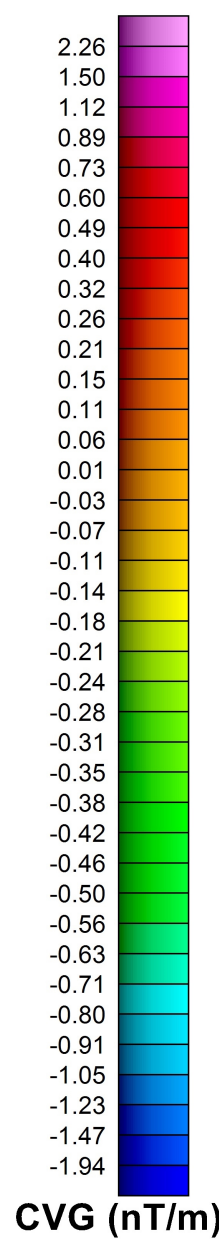
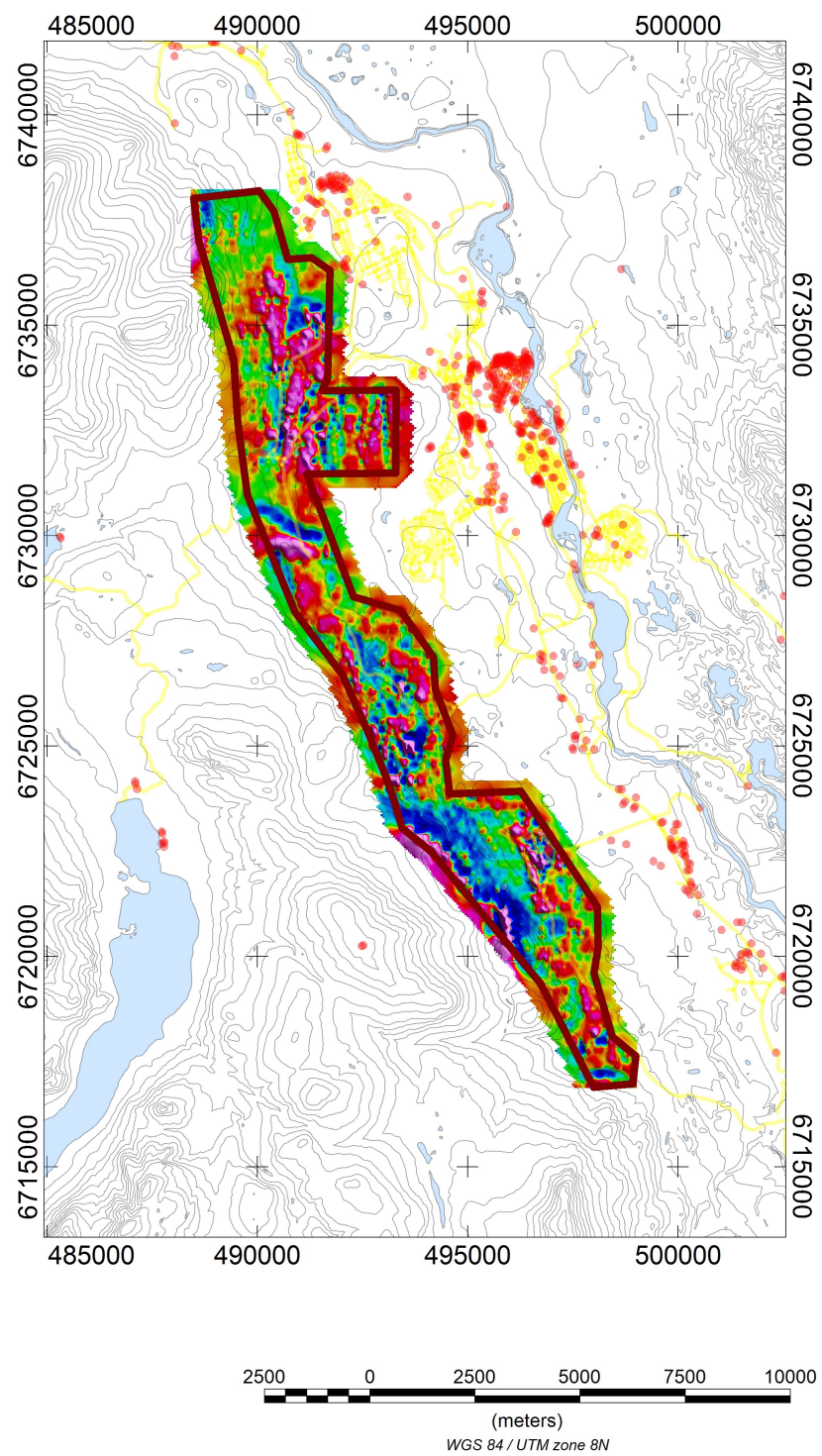
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## Magnetic Map

Whitehorse Copper Belt Survey Block  
Residual Magnetic Intensity  
Created By: Precision GeoSurveys Inc.  
October 07, 2014

Precision  
GeoSurveys

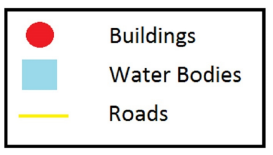
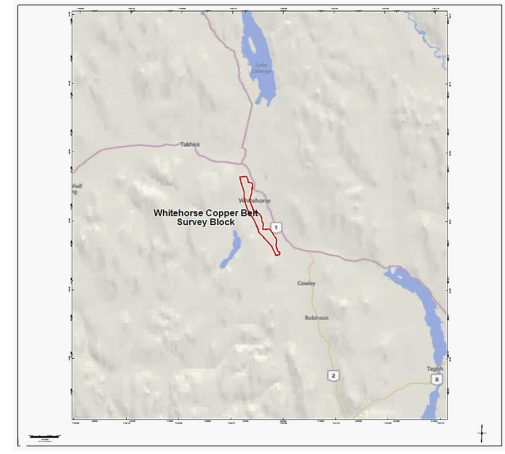
RMI



LEGEND

Map Projection:

Projection: Universal Transverse Mercator  
Central Meridian: 225 Zone 8N  
Datum: WGS 84



Survey Date: July 23, 2014  
Survey Base: Whitehorse, YT  
Helicopter Type: Eurocopter AS350  
Registration: C-GOHK  
Survey Technology: Magnetic and Radiometric survey.

SURVEY PARAMETERS:

Helicopter: 40.0 meters  
Magnetometer: 40.0 meters  
Radiometric: 40.0 meters  
Actual Mean Terrain Clearance: 42.1 meters

Whitehorse Copper Belt Survey Block

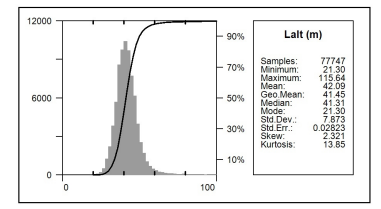
Survey Line Spacing: 200 meters  
Survey Line Direction: 090°-270°  
Tie Line Spacing: 2000 meters  
Tie Line Direction: 000°-180°

AIRBORNE SYSTEMS:

Scintrex CS-3 Magnetometer Sensor  
Configuration: Stinger with 3 axis compensation  
Sample Rate: 10 Hz  
Sensitivity: 0.01 nT

Gamma Ray Spectrometer  
Pico Envirotec GRS-10 Gamma Spectrometer  
12.6 litres of NaI(Tl) synthetic "downward looking" crystals  
and 4.2 litres of NaI (Tl) synthetic "upward looking" crystals

Sample Rate: 1 Hz



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## Magnetic Map

Whitehorse Copper Belt Survey Block  
Calculated Vertical Gradient  
Created By: Precision GeoSurveys Inc.  
October 07, 2014

