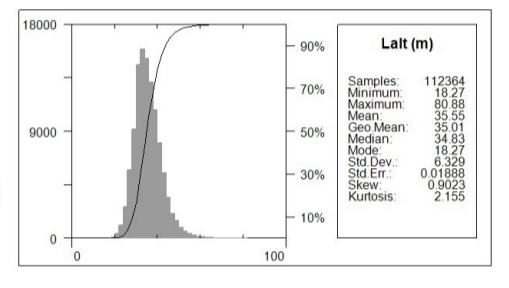


National Topographic System

116A01 Larsen Creek	106D04 Dublin Gulch
116P16 Seattle Creek	105M13 Mount Haldane

MAP PROJECTION:
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

GOODMAN CREEK BLOCK SURVEY SPECIFICATIONS:
 Survey Date: September 19, 2016
 Survey Base: Mayo, Yukon
 Aircraft Type: Eurocopter AS350
 Registration: C-GSVY
 Survey Technology: Magnetic and Radiometric Survey
 Mean Flight Height: 35.6 meters
 Survey Line Spacing: 150 meters
 Survey Line Direction: 150°/330°
 Tie Line Spacing: 1500 meters
 Tie Line Direction: 060°/240°



AIRBORNE SURVEY SYSTEM:
 Magnetometer Sensor: Scintrex CS-3 Cesium
 Configuration: Stinger with 3 axis compensation
 Sample Rate: 10 Hz
 Sensitivity: 0.0006 nT VHz rms

Gamma Ray Spectrometer: Pico Envirotec GRS-10 Gamma Spectrometer
 Downward-Looking Crystals: 16.8 litres of NaI(Tl) crystals
 Upward-Looking Crystals: 4.2 litres of NaI(Tl) crystals
 Sample Rate: 1 Hz

Legend

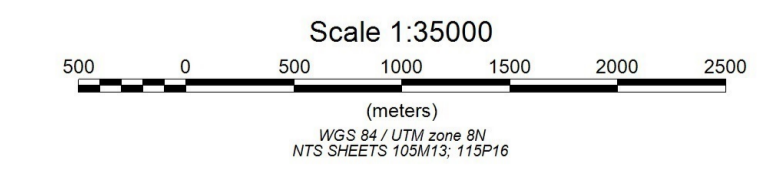
- Water Bodies (unclassified)..... ■
- Goodman Creek Survey Block Outline..... —
- Goodman Creek Survey Block Actual Flight Lines.... —

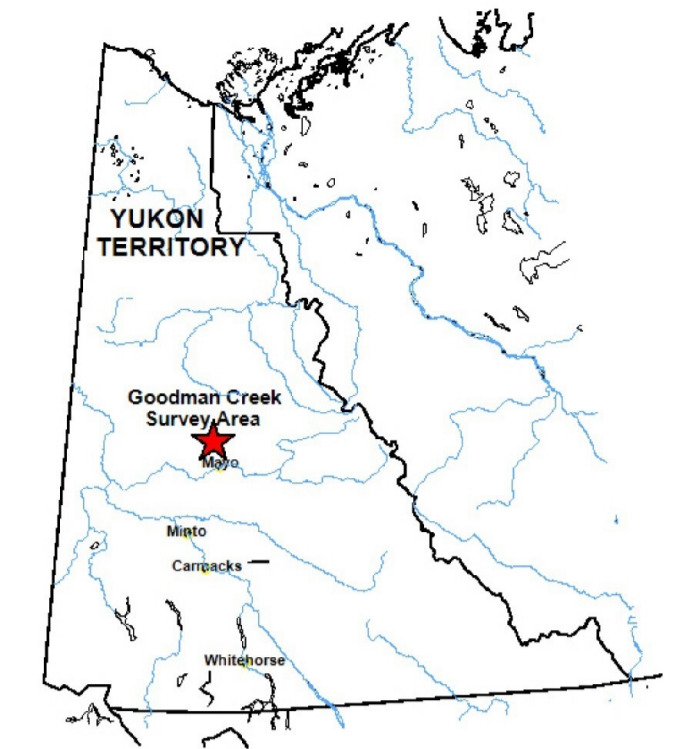
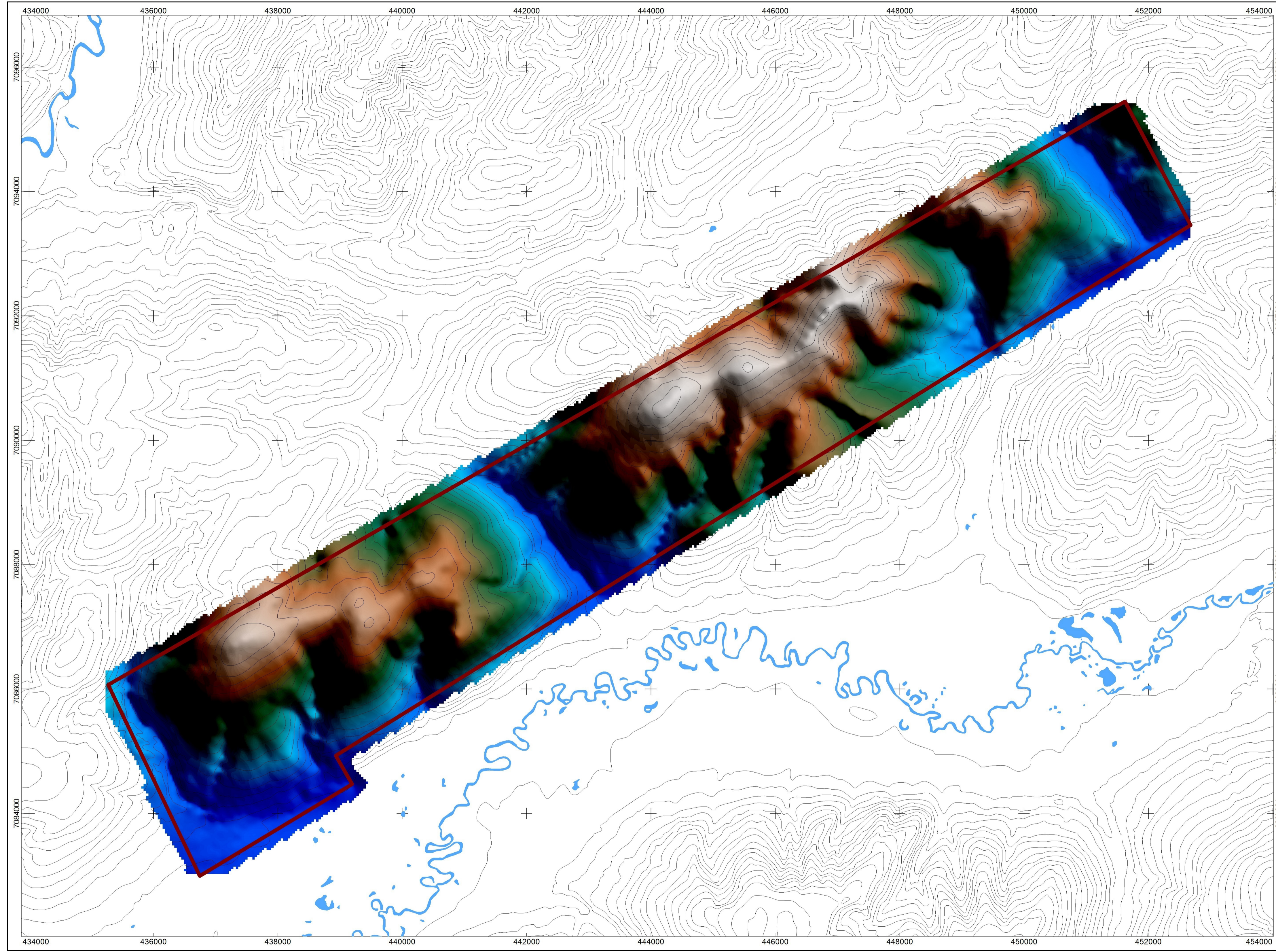
TOPOGRAPHIC REFERENCE:
 National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information. Contour interval at 100 ft.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Nevada Zinc Corporation

Overview Map

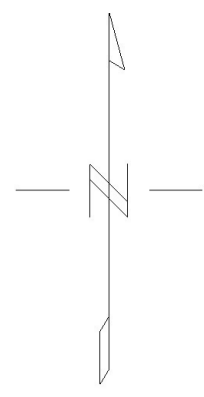
Goodman Creek Survey Block
 Actual Flight Lines
 October 3, 2016





National Topographic System

116A01 Larsen Creek	106D04 Dublin Gulch
105P16 Seattle Creek	105M13 Mount Haldane

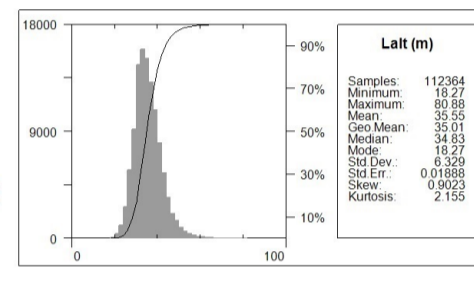


MAP PROJECTION:
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

GOODMAN CREEK BLOCK SURVEY SPECIFICATIONS:
 Survey Date: September 19, 2016
 Survey Base: Mayo, Yukon
 Aircraft Type: Eurocopter AS350
 Registration: C-GSVY
 Survey Technology: Magnetic and Radiometric Survey
 Mean Flight Height: 35.6 meters
 Survey Line Spacing: 150 meters
 Survey Line Direction: 150°/330°
 Tie Line Spacing: 1500 meters
 Tie Line Direction: 060°/240°

AIRBORNE SURVEY SYSTEM:
 Magnetometer Sensor: Scintrex CS-3 Cesium
 Configuration: Stinger with 3 axis compensation
 Sample Rate: 10 Hz
 Sensitivity: 0.0006 nT VHz rms

Gamma Ray Spectrometer:
 Downward-Looking Crystals: Pico Envirotec GRS-10 Gamma Spectrometer
 Upward-Looking Crystals: 16.8 litres of NaI(Tl) crystals
 Sample Rate: 4.2 litres of NaI(Tl) crystals
 1 Hz



DTM (m)

Legend

- Water Bodies (unclassified)..... ■
- Goodman Creek Survey Block Outline..... ■

TOPOGRAPHIC REFERENCE:
 National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information. Contour interval at 100 ft.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

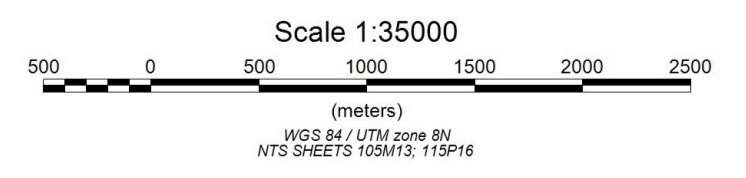
Nevada Zinc Corporation

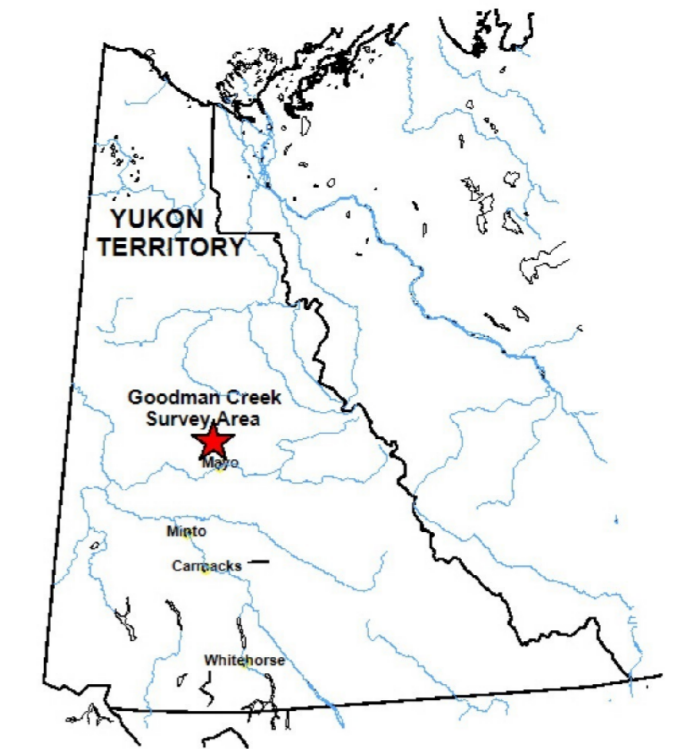
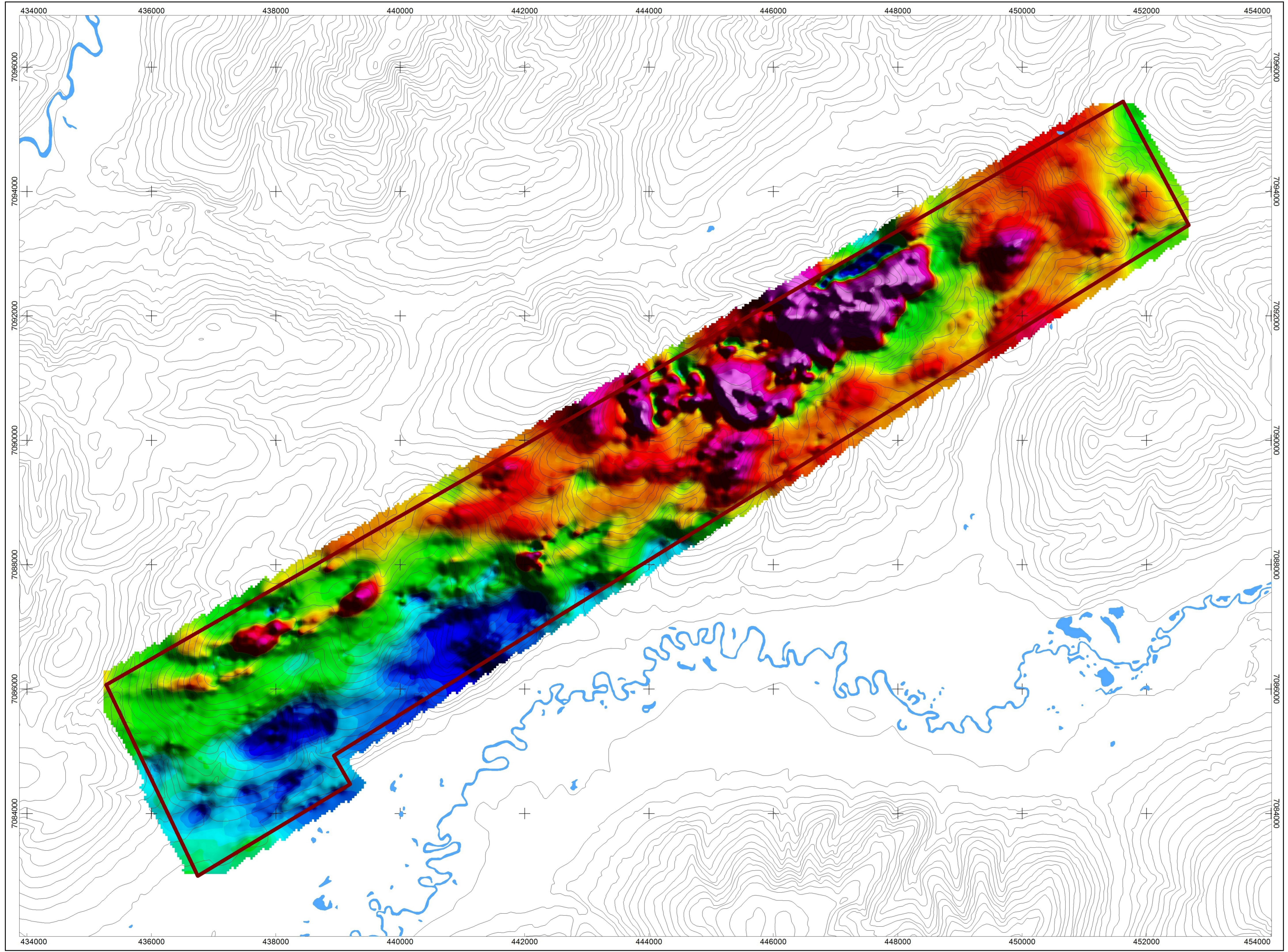
Overview Map

Goodman Creek Survey Block

Digital Terrain Model

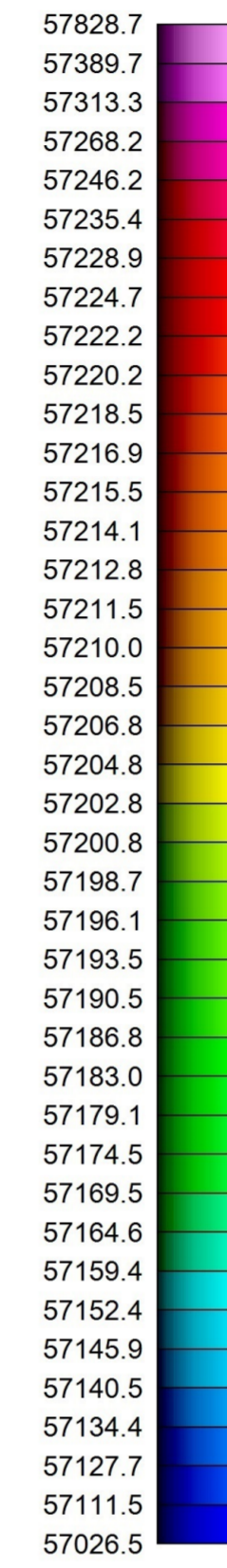
October 3, 2016





National Topographic System

116A01 Larsen Creek	106D04 Dublin Gulch
116P16 Seattle Creek	105M13 Mount Haldane



MAP PROJECTION:

Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

GOODMAN CREEK BLOCK SURVEY SPECIFICATIONS:

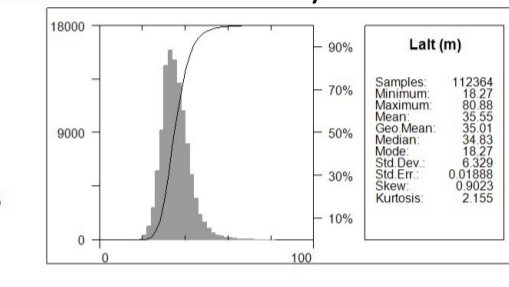
Survey Date: September 19, 2016
 Survey Base: Mayo, Yukon
 Aircraft Type: Eurocopter AS350
 Registration: C-GSVY
 Survey Technology: Magnetic and Radiometric Survey
 Mean Flight Height: 35.6 meters
 Survey Line Spacing: 150 meters
 Survey Line Direction: 150°/330°
 Tie Line Spacing: 1500 meters
 Tie Line Direction: 060°/240°

AIRBORNE SURVEY SYSTEM:

Magnetometer Sensor: Scintrex CS-3 Cesium
 Configuration: Stinger with 3 axis compensation
 Sample Rate: 10 Hz
 Sensitivity: 0.0006 nT vHz rms

Gamma Ray Spectrometer:

Downward-Looking Crystals: Pico Envirotec GRS-10 Gamma Spectrometer
 16.8 litres of Na(Tl) crystals
 Upward-Looking Crystals: 4.2 litres of Na(Tl) crystals
 Sample Rate: 1 Hz



Legend

- Water Bodies (unclassified)..... ■
- Goodman Creek Survey Block Outline..... ■

DATA REFERENCE:

Magnetic data have been compensated and corrected for diurnal, lag, and heading, and then leveled to generate the Total Magnetic Intensity (TMI) grid. Refer to report for details. The TMI data range from 57024.7 nT to 57884.8 nT and have been drawn with a colour ramp of 57026.5 nT to 57828.7 nT.

TOPOGRAPHIC REFERENCE:

National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information. Contour interval at 100 ft.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

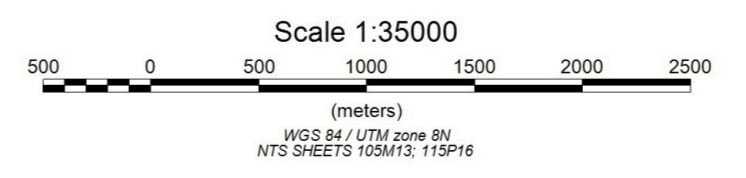
Nevada Zinc Corporation

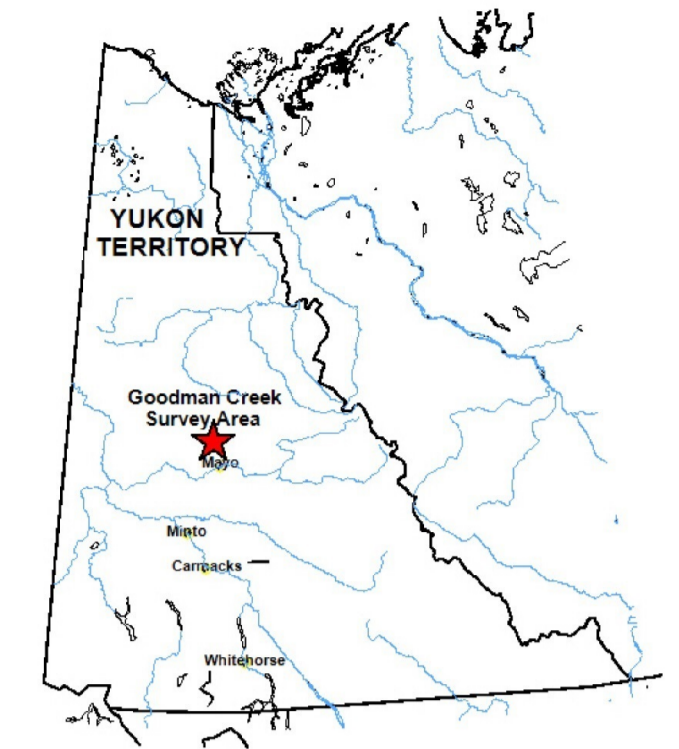
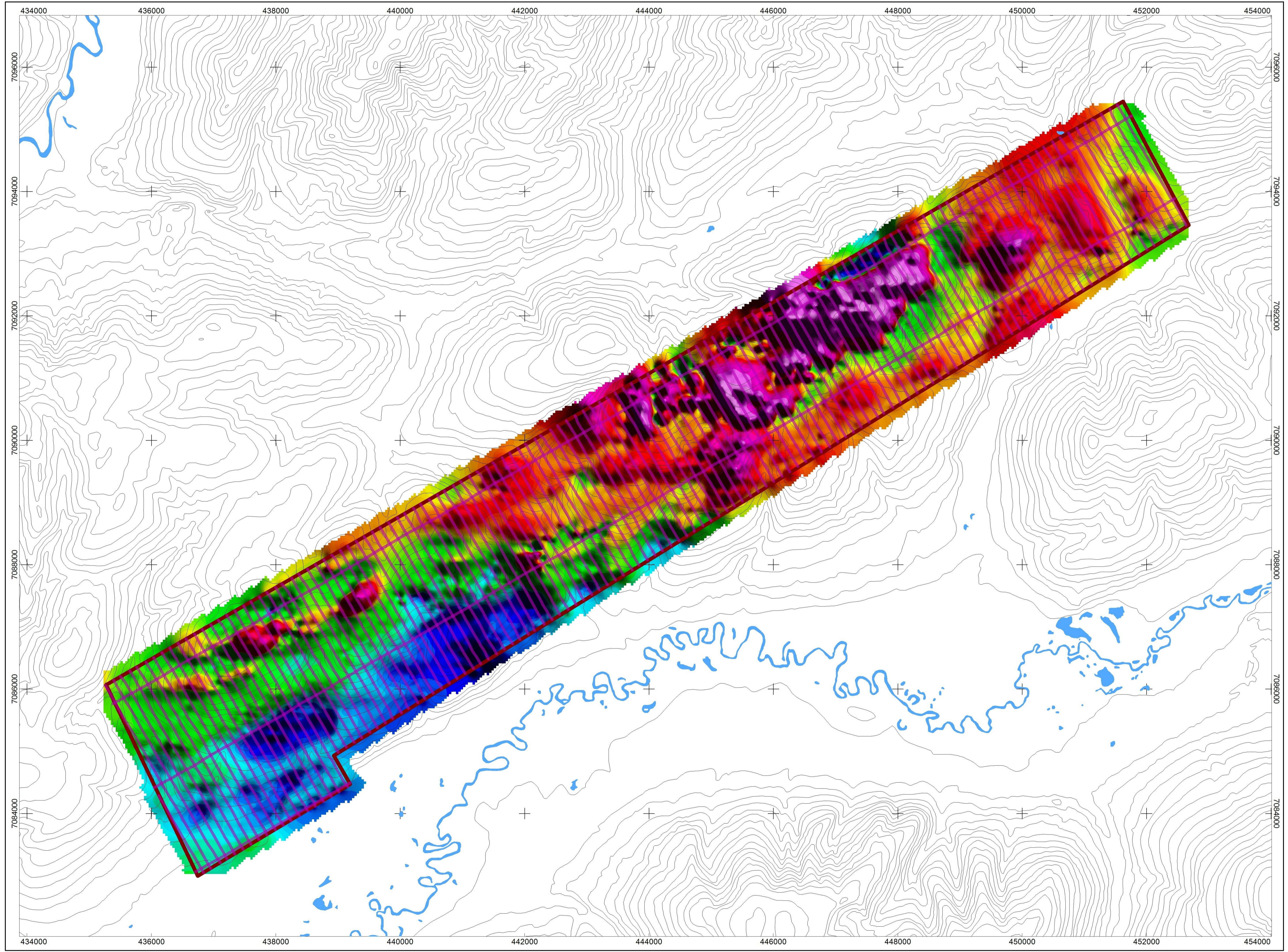
Magnetic Map

Goodman Creek Survey Block

Total Magnetic Intensity

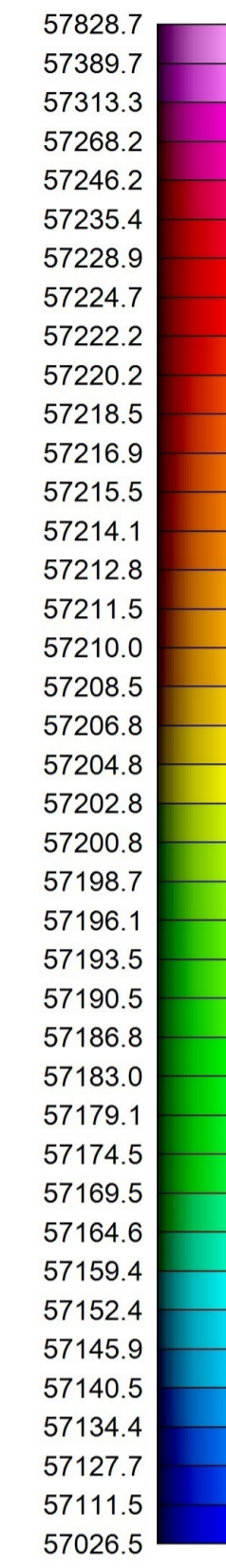
October 3, 2016





National Topographic System

116A01 Larsen Creek	106D04 Dublin Gulch
105M16 Seattle Creek	105M13 Mount Haldane



MAP PROJECTION:
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

GOODMAN CREEK BLOCK SURVEY SPECIFICATIONS:

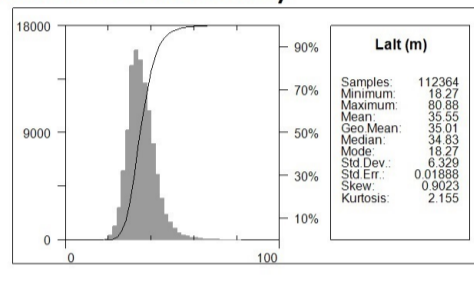
Survey Date:	September 19, 2016
Survey Base:	Mayo, Yukon
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	35.6 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	150°/330°
Tie Line Spacing:	1500 meters
Tie Line Direction:	060°/240°

AIRBORNE SURVEY SYSTEM:

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	10 Hz
Sensitivity:	0.0006 nT vHz rms

Gamma Ray Spectrometer:

Downward-Looking Crystals:	Pico Envirotec GRS-10 Gamma Spectrometer
Upward-Looking Crystals:	16.8 litres of NaI(Tl) crystals
Sample Rate:	4.2 litres of NaI(Tl) crystals
	1 Hz



Legend

- Water Bodies (unclassified).....
- Goodman Creek Survey Block Outline.....
- Goodman Creek Survey Block Actual Flight Lines....

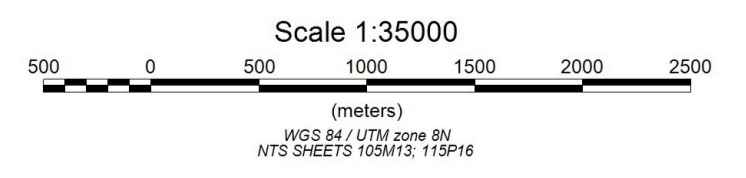
DATA REFERENCE:
 Magnetic data have been compensated and corrected for diurnal, lag, and heading, and then leveled to generate the Total Magnetic Intensity (TMI) grid. Refer to report for details. The TMI data range from 57024.7 nT to 57884.8 nT and have been drawn with a colour ramp of 57026.5 nT to 57828.7 nT.

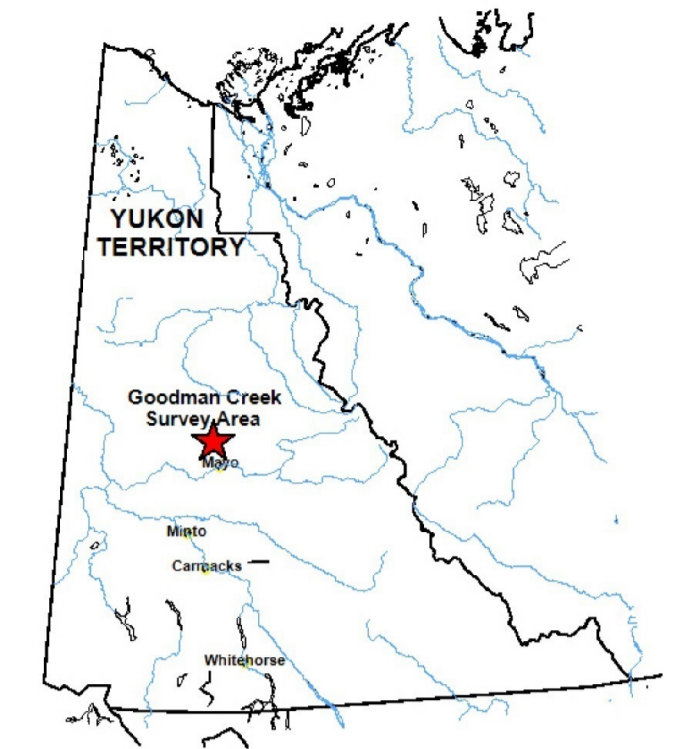
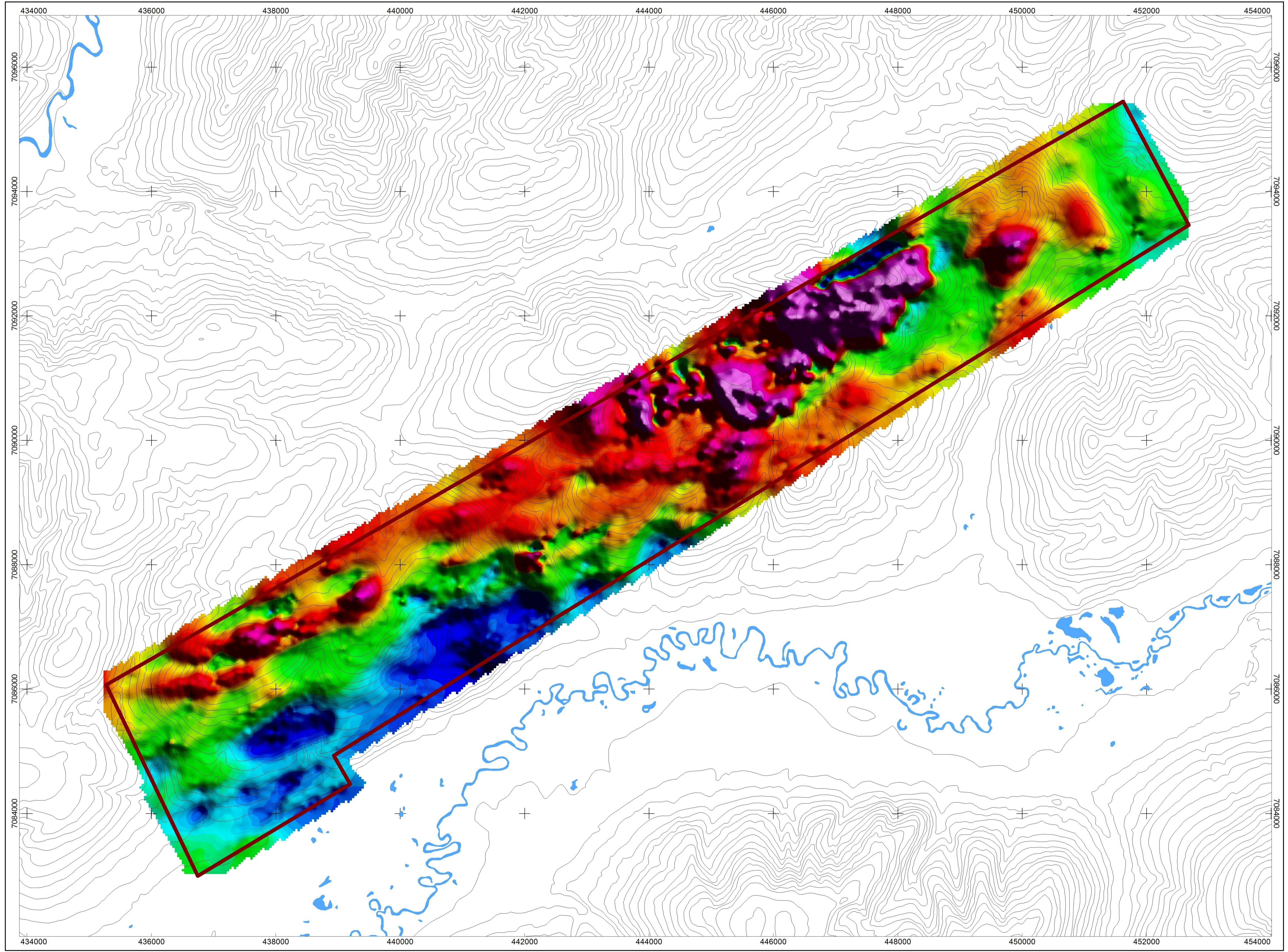
TOPOGRAPHIC REFERENCE:
 National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information. Contour interval at 100 ft.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Nevada Zinc Corporation

Magnetic Map

Goodman Creek Survey Block
 Total Magnetic Intensity with Flight Lines
 October 3, 2016





National Topographic System

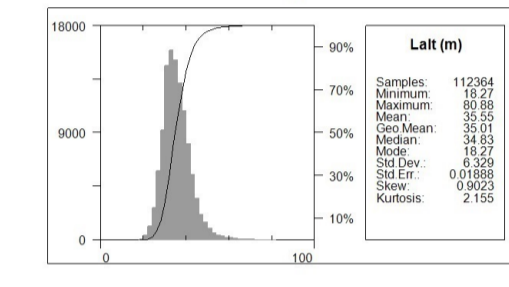
116A01 Larsen Creek	106D04 Dublin Gulch
105M16 Seattle Creek	105M13 Mount Haldane

MAP PROJECTION:
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

GOODMAN CREEK BLOCK SURVEY SPECIFICATIONS:
 Survey Date: September 19, 2016
 Survey Base: Mayo, Yukon
 Aircraft Type: Eurocopter AS350
 Registration: C-GSVY
 Survey Technology: Magnetic and Radiometric Survey
 Mean Flight Height: 35.6 meters
 Survey Line Spacing: 150 meters
 Survey Line Direction: 150°/330°
 Tie Line Spacing: 1500 meters
 Tie Line Direction: 060°/240°

AIRBORNE SURVEY SYSTEM:
 Magnetometer Sensor: Scintrex CS-3 Cesium
 Configuration: Stinger with 3 axis compensation
 Sample Rate: 10 Hz
 Sensitivity: 0.0006 nT vHz rms

Gamma Ray Spectrometer: Pico Envirotec GRS-10 Gamma Spectrometer
 Downward-Looking Crystals: 16.8 litres of NaI(Tl) crystals
 Upward-Looking Crystals: 4.2 litres of NaI(Tl) crystals
 Sample Rate: 1 Hz



RMI (nT)

Legend

- Water Bodies (unclassified)..... ■
- Goodman Creek Survey Block Outline..... ■

DATA REFERENCE:
 The RMI data range from -300.2 nT to 555.0 nT and have been drawn with a colour ramp of -298.4 nT to 498.9nT. To calculate the RMI a computed value of the IGRF was subtracted from the corrected total magnetic intensity data (TMI). Refer to report for details.

TOPOGRAPHIC REFERENCE:
 National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information. Contour interval at 100 ft.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

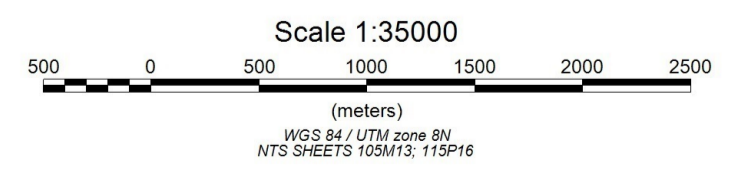
Nevada Zinc Corporation

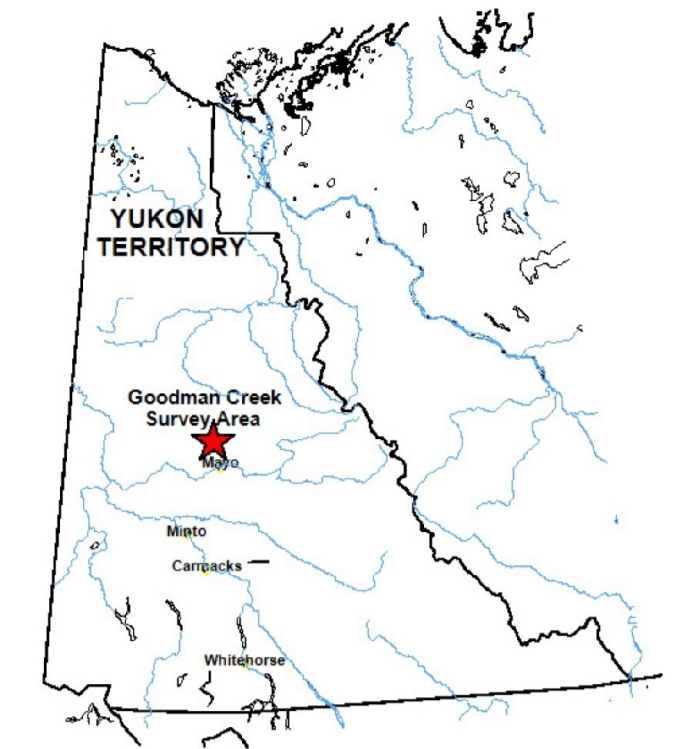
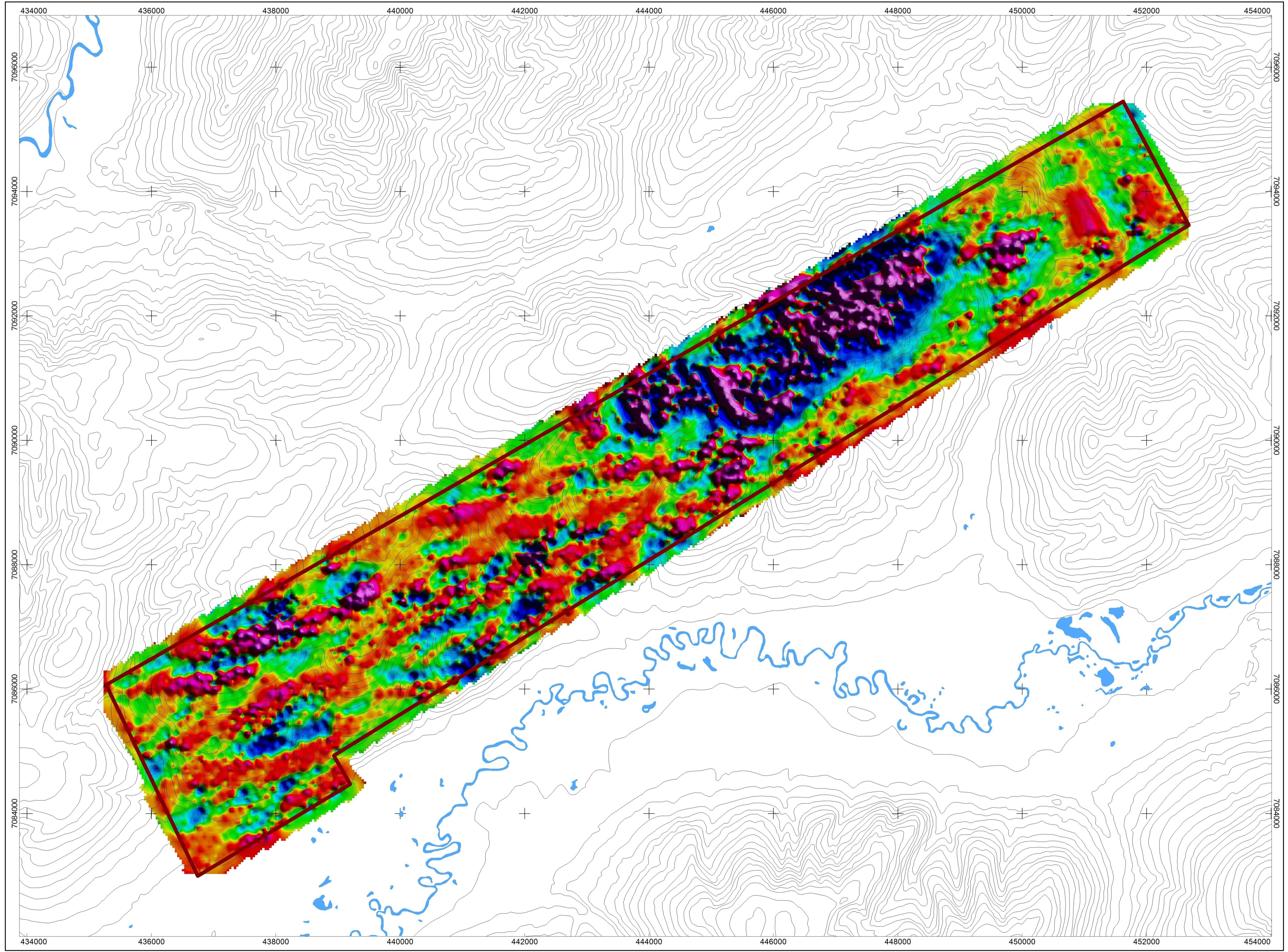
Magnetic Map

Goodman Creek Survey Block

Residual Magnetic Intensity

October 3, 2016





National Topographic System

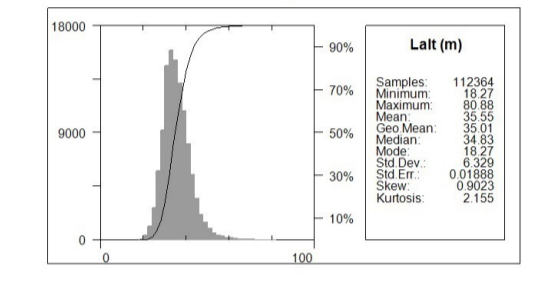
116A01 Larsen Creek	106D04 Dublin Gulch
105P16 Seattle Creek	105M13 Mount Haldane

MAP PROJECTION:
 Projection: Universal Transverse Mercator Zone 8N
 Datum: WGS 84
 Local Datum Transform: World

GOODMAN CREEK BLOCK SURVEY SPECIFICATIONS:
 Survey Date: September 19, 2016
 Survey Base: Mayo, Yukon
 Aircraft Type: Eurocopter AS350
 Registration: C-GSVY
 Survey Technology: Magnetic and Radiometric Survey
 Mean Flight Height: 35.6 meters
 Survey Line Spacing: 150 meters
 Survey Line Direction: 150°/330°
 Tie Line Spacing: 1500 meters
 Tie Line Direction: 060°/240°

AIRBORNE SURVEY SYSTEM:
 Magnetometer Sensor: Scintrex CS-3 Cesium
 Configuration: Stinger with 3 axis compensation
 Sample Rate: 10 Hz
 Sensitivity: 0.0006 nT vHz rms

Gamma Ray Spectrometer:
 Downward-Looking Crystals: Pico Envirotec GRS-10 Gamma Spectrometer
 Upward-Looking Crystals: 16.8 litres of NaI(Tl) crystals
 Sample Rate: 4.2 litres of NaI(Tl) crystals
 1 Hz



CVG (nT/m)

Legend

- Water Bodies (unclassified)..... ■
- Goodman Creek Survey Block Outline..... —

DATA REFERENCE:
 The Calculated Vertical Gradient (CVG) is the first vertical derivative of RMI. The CVG is represented as a grid and its image color ramp has been histogram equalized.

TOPOGRAPHIC REFERENCE:
 National Topographic Data Base (NTDB), Canada. Ottawa, ON: Government of Canada, Natural Resources Canada, Center for Topographic Information. Contour interval at 100 ft.
 URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Nevada Zinc Corporation

Magnetic Map

Goodman Creek Survey Block
 Calculated Vertical Gradient

October 3, 2016

