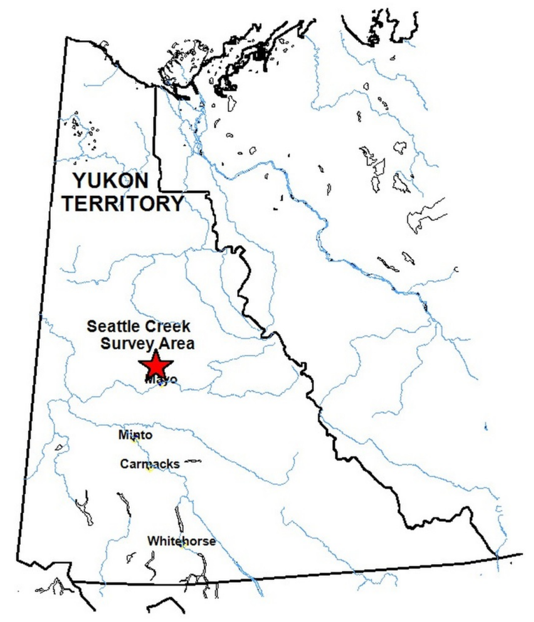
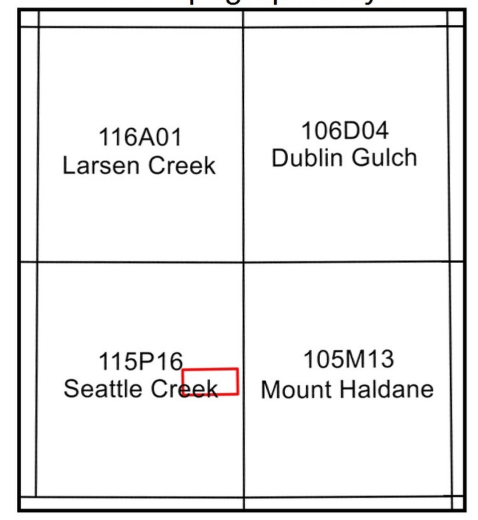
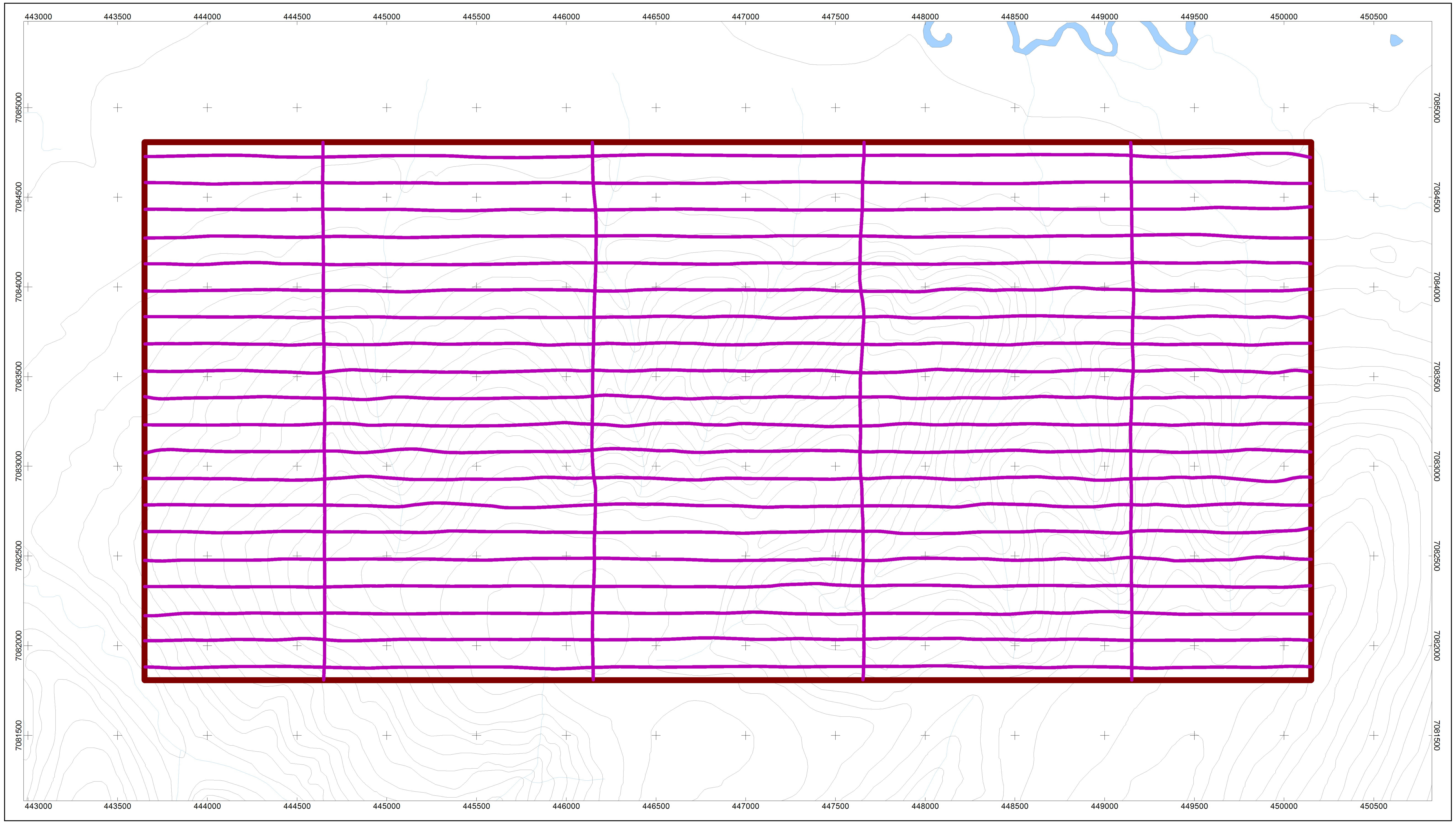


National Topographic System



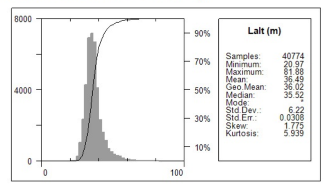


MAP PROJECTION:

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

SEATTLE CREEK BLOCK SURVEY SPECIFICATIONS:

Survey Date:	September 20, 2016
Survey Base:	Mayo, YT
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	36.5 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	090°/270°
Tie Line Spacing:	1500 meters
Tie Line Direction:	000°/180°



AIRBORNE SURVEY SYSTEM:

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	10 Hz
Sensitivity:	0.0006 nT √Hz 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)..................................
Seattle Creek Survey Block Outline.....................
Seattle 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]

Scale 1:12500
250 0 250 500 750
(meters)
WGS 84 / UTM zone 8N
NTS SHEET 115P16

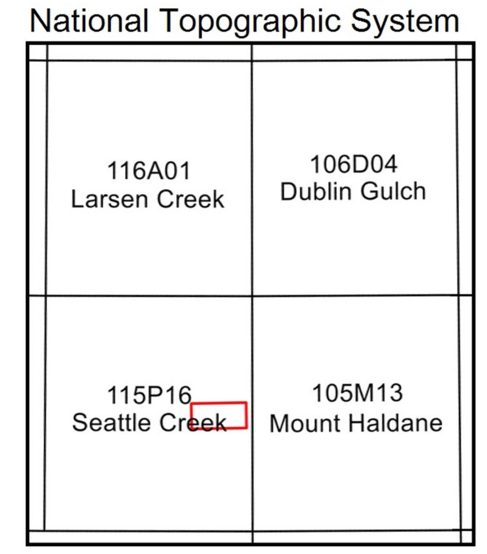
Nevada Zinc Corporation

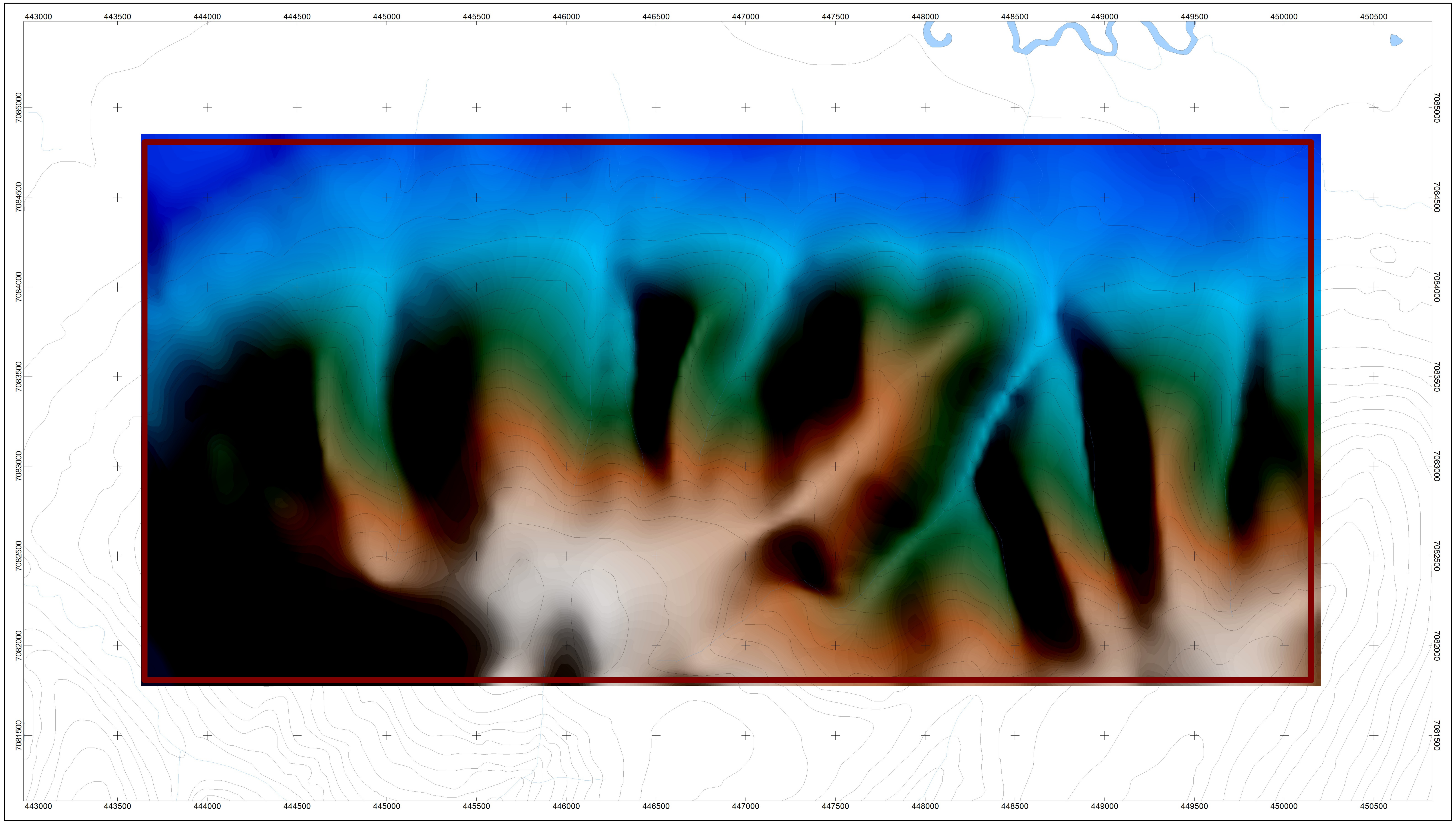
Overview Map

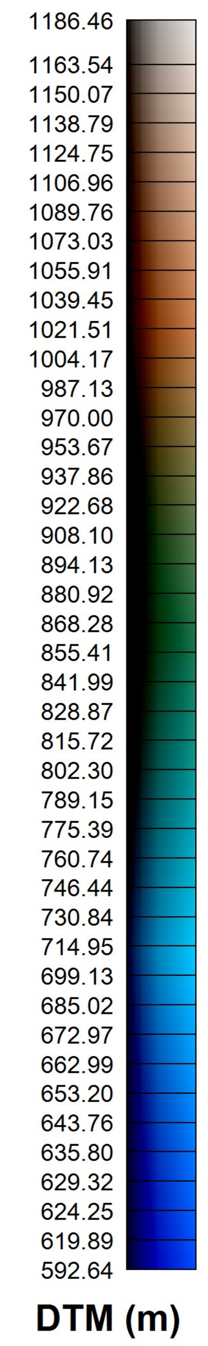
Seattle Creek Survey Block
Actual Flight Lines
October 25, 2016

Precision GeoSurveys

Plate1
SC_FL



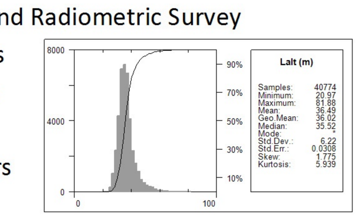




MAP PROJECTION:
Projection: Universal Transverse Mercator Zone 8N
Datum: WGS 84
Local Datum Transform: World

SEATTLE CREEK BLOCK SURVEY SPECIFICATIONS:

Survey Date:	September 20, 2016
Survey Base:	Mayo, YT
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	36.5 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	090°/270°
Tie Line Spacing:	1500 meters
Tie Line Direction:	000°/180°



AIRBORNE SURVEY SYSTEM:

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

Seattle 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]

Scale 1:12500
250 0 250 500 750
(meters)

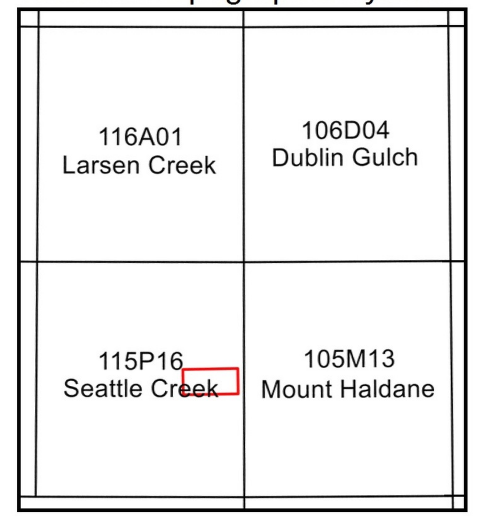
Nevada Zinc Corporation

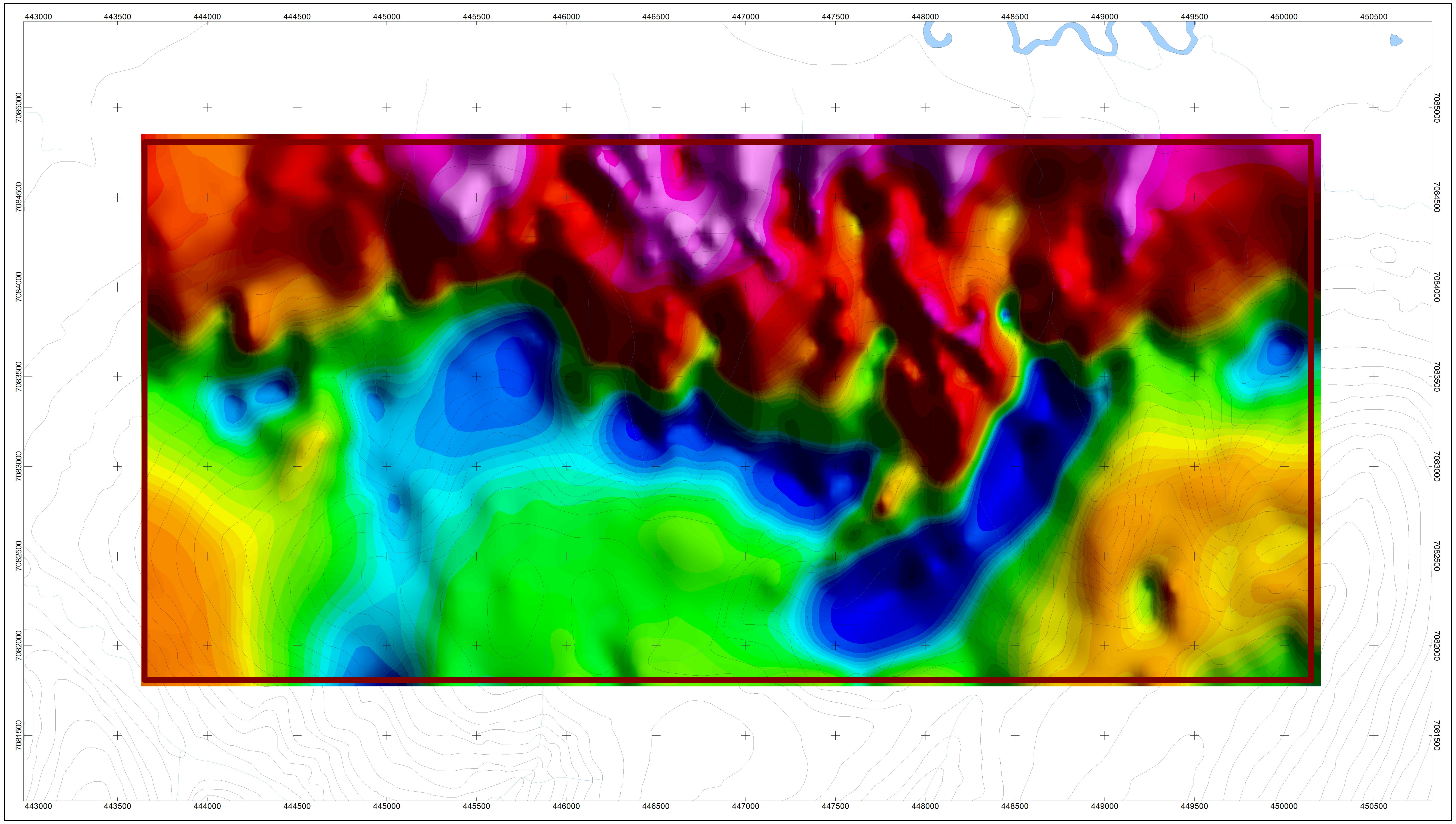
Overview Map

Seattle Creek Survey Block
Digital Terrain Model
October 25, 2016

Precision GeoSurveys

Plate2
SC_DTM



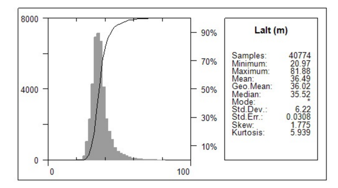


TMI (nT)
57245.91
57201.98
57190.17
57180.10
57172.77
57165.10
57156.15
57147.45
57139.25
57129.44
57120.09
57111.09
57100.17
57090.59
57082.10
57076.04
57072.98
57070.58
57067.39
57063.36
57058.22
57053.14
57048.15
57042.83
57038.37
57034.55
57031.72
57029.61
57027.60
57025.22
57022.18
57017.70
57013.11
57008.46
57004.06
56999.58
56992.47
56983.51
56965.06
56908.79

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

SEATTLE CREEK BLOCK SURVEY SPECIFICATIONS:

Survey Date:	September 20, 2016
Survey Base:	Mayo, YT
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	36.5 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	090°/270°
Tie Line Spacing:	1500 meters
Tie Line Direction:	000°/180°



AIRBORNE SURVEY SYSTEM:

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

Seattle 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 56896.4 nT to 57286.3 nT and have been drawn with a colour ramp of 56908.8 nT to 57245.9 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]

Scale 1:12500
250 0 250 500 750
(meters)
WGS 84 / UTM zone 8N
NTS SHEET 115P16

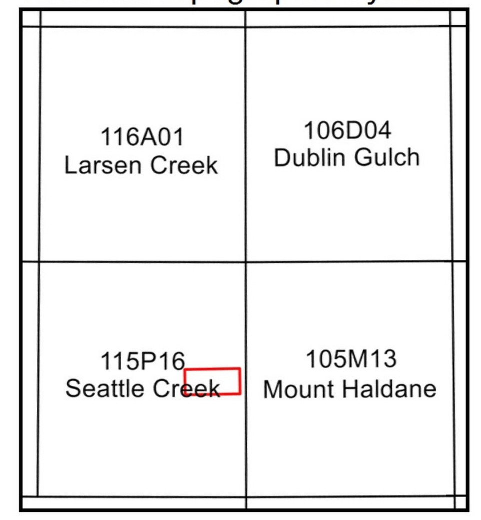
Nevada Zinc Corporation

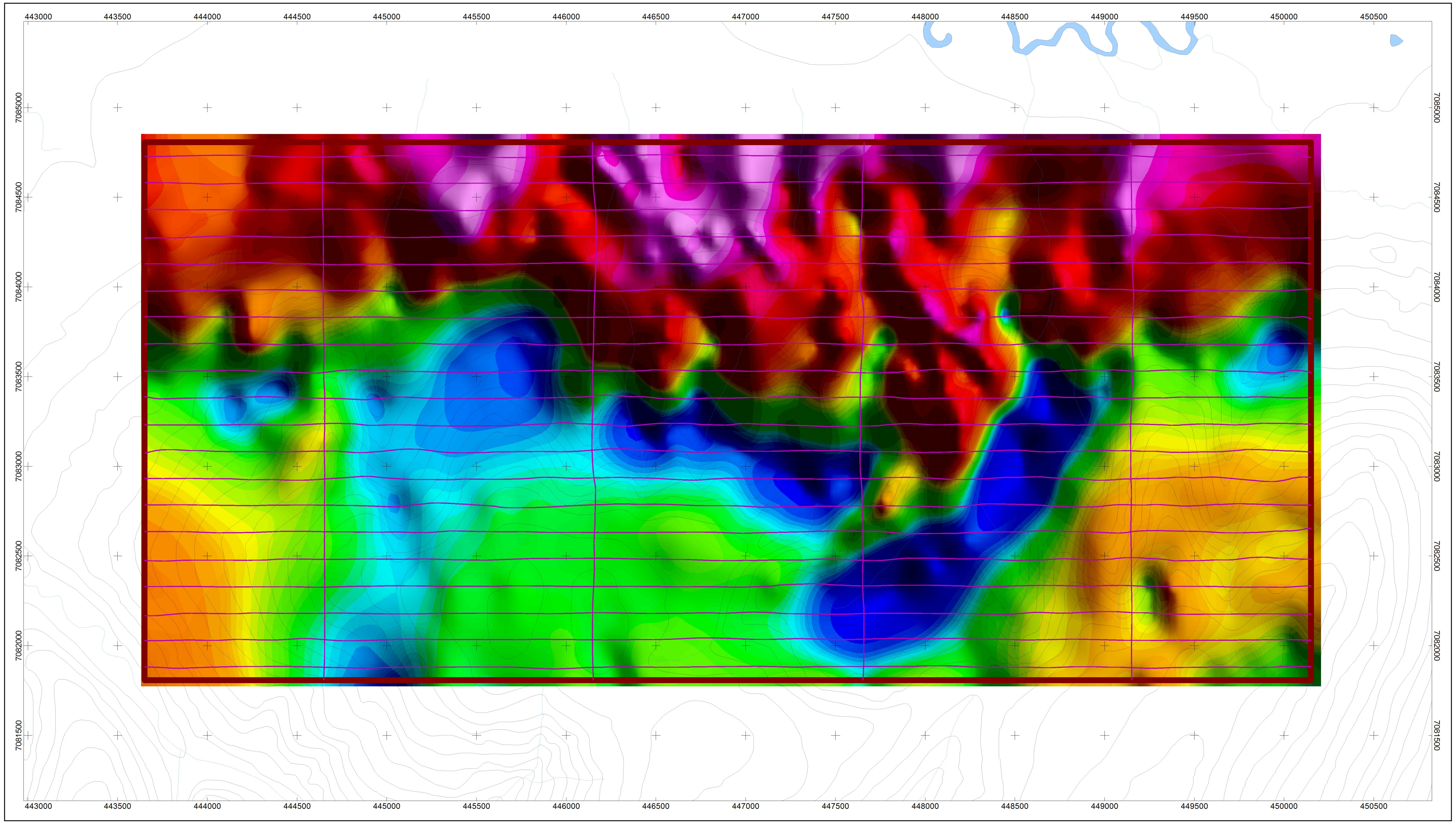
Magnetic Map

Seattle Creek Survey Block
Total Magnetic Intensity
October 25, 2016

Precision GeoSurveys

Plate3
SC_TMI





TMI (nT)
57245.91
57201.98
57190.17
57180.10
57172.77
57165.10
57156.15
57147.45
57139.25
57129.44
57120.09
57111.09
57100.17
57090.59
57082.10
57076.04
57072.98
57070.58
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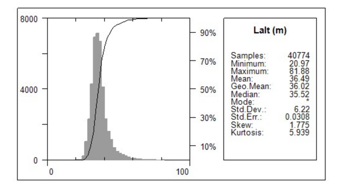
57022.18
57017.70
57013.11
57008.46
57004.06
56999.58
56992.47
56983.51
56965.06
56908.79

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

SEATTLE CREEK BLOCK SURVEY SPECIFICATIONS:

Survey Date:	September 20, 2016
Survey Base:	Mayo, YT
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	36.5 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	090°/270°
Tie Line Spacing:	1500 meters
Tie Line Direction:	000°/180°



AIRBORNE SURVEY SYSTEM:

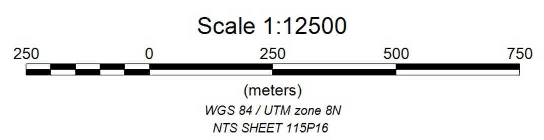
Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	10 Hz
Sensitivity:	0.0006 nT √Hz rms
Gamma Ray Spectrometer:	Pico Envirotec GRS-10 Gamma Spectrometer
Downward-Looking Crystals:	16.8 litres of NaI(Tl) crystals
Upward-Looking Crystals:	4.2 litres of NaI(Tl) crystals
Sample Rate:	1 Hz

Legend

Water Bodies (unclassified)..................................
Seattle Creek Survey Block Outline......................
Seattle 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 56896.4 nT to 57286.3 nT and have been drawn with a colour ramp of 56908.8 nT to 57245.9 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]



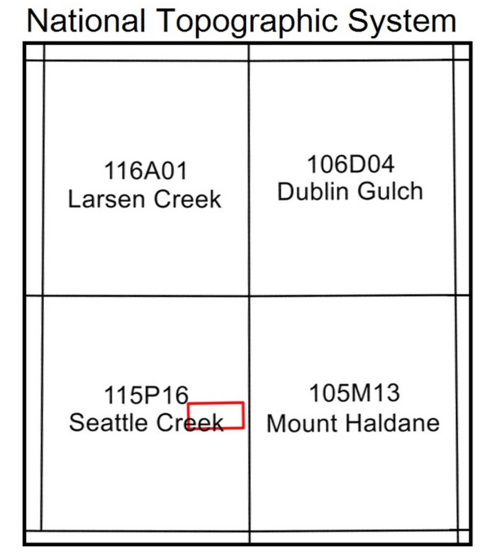
Nevada Zinc Corporation

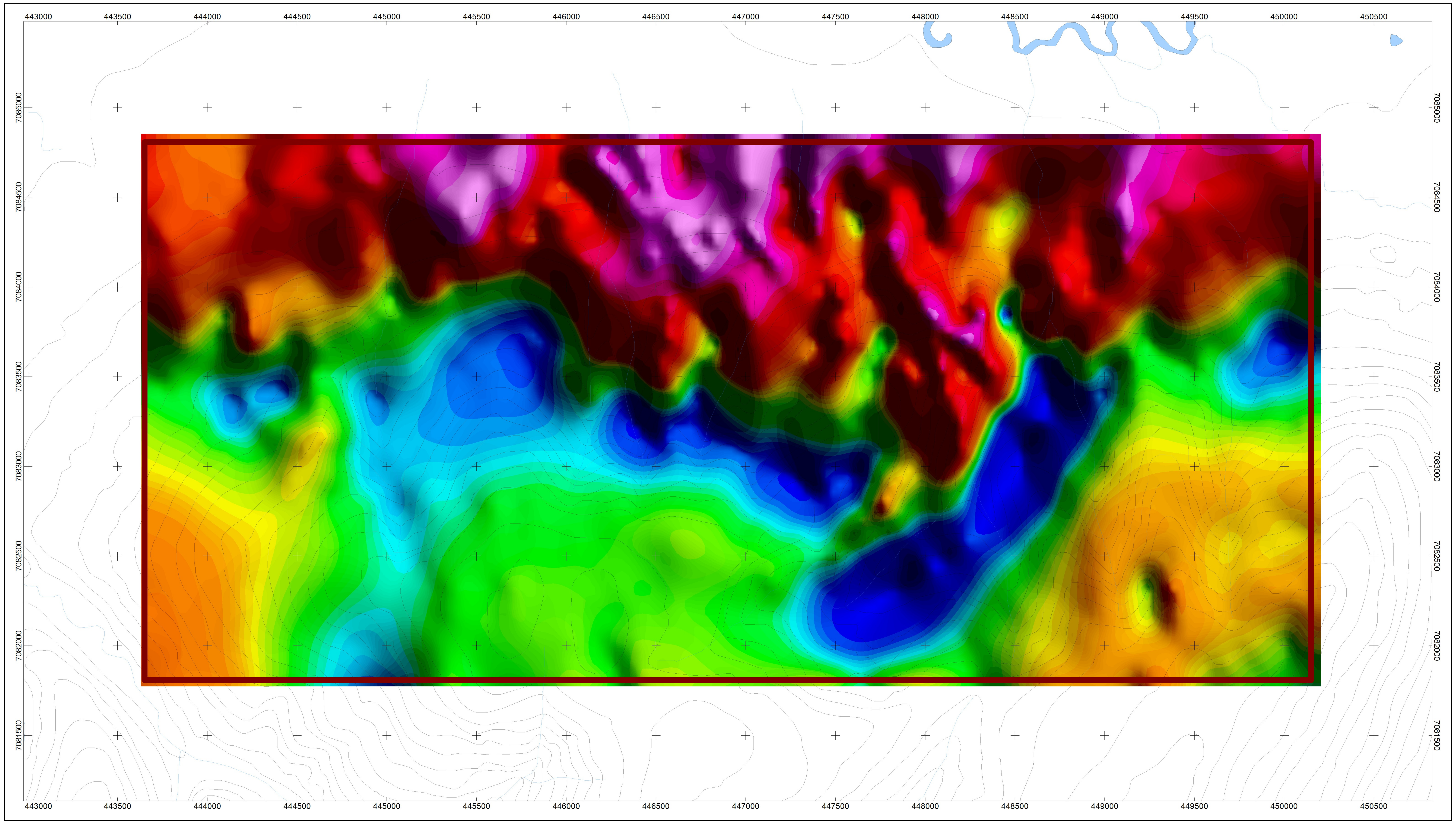
Magnetic Map

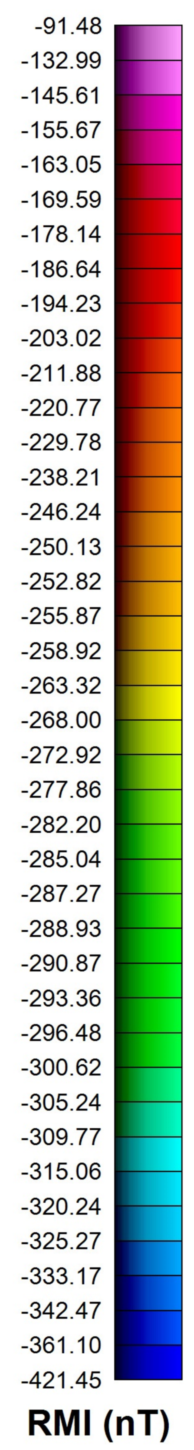
Seattle Creek Survey Block
Total Magnetic Intensity with Flight Lines
October 25, 2016

Precision GeoSurveys

Plate4
SC_TMI_wFL







MAP PROJECTION:

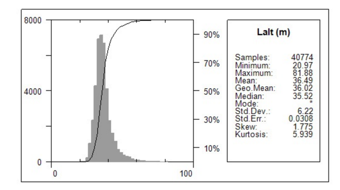
Projection: Universal Transverse Mercator Zone 8N

Datum: WGS 84

Local Datum Transform: World

SEATTLE CREEK BLOCK SURVEY SPECIFICATIONS:

Survey Date:	September 20, 2016
Survey Base:	Mayo, YT
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	36.5 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	090°/270°
Tie Line Spacing:	1500 meters
Tie Line Direction:	000°/180°



AIRBORNE SURVEY SYSTEM:

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

Seattle Creek Survey Block Outline....................

DATA REFERENCE:

The RMI data range from -435.4 nT to -46.5 nT and have been drawn with a colour ramp of -421.5 nT to -91.5 nT. 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]

Scale 1:12500

250 0 250 500 750

(meters)

WGS 84 / UTM zone 8N

NTS SHEET 115P16

Nevada Zinc Corporation

Magnetic Map

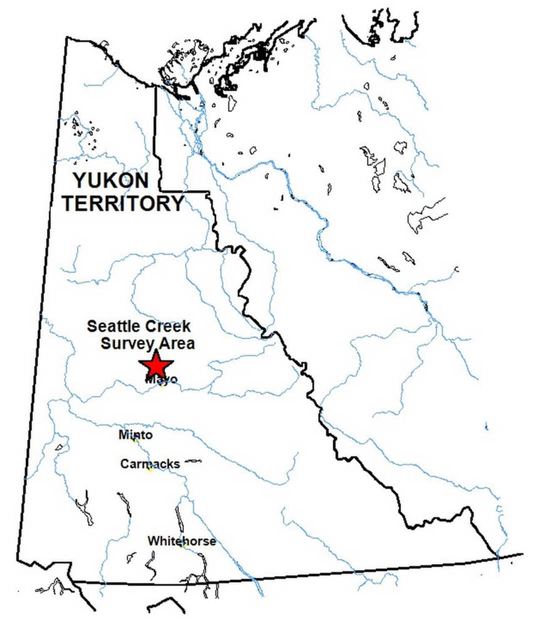
Seattle Creek Survey Block

Residual Magnetic Intensity

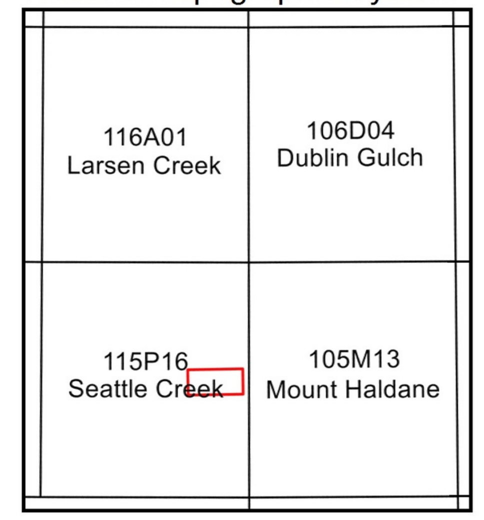
October 25, 2016

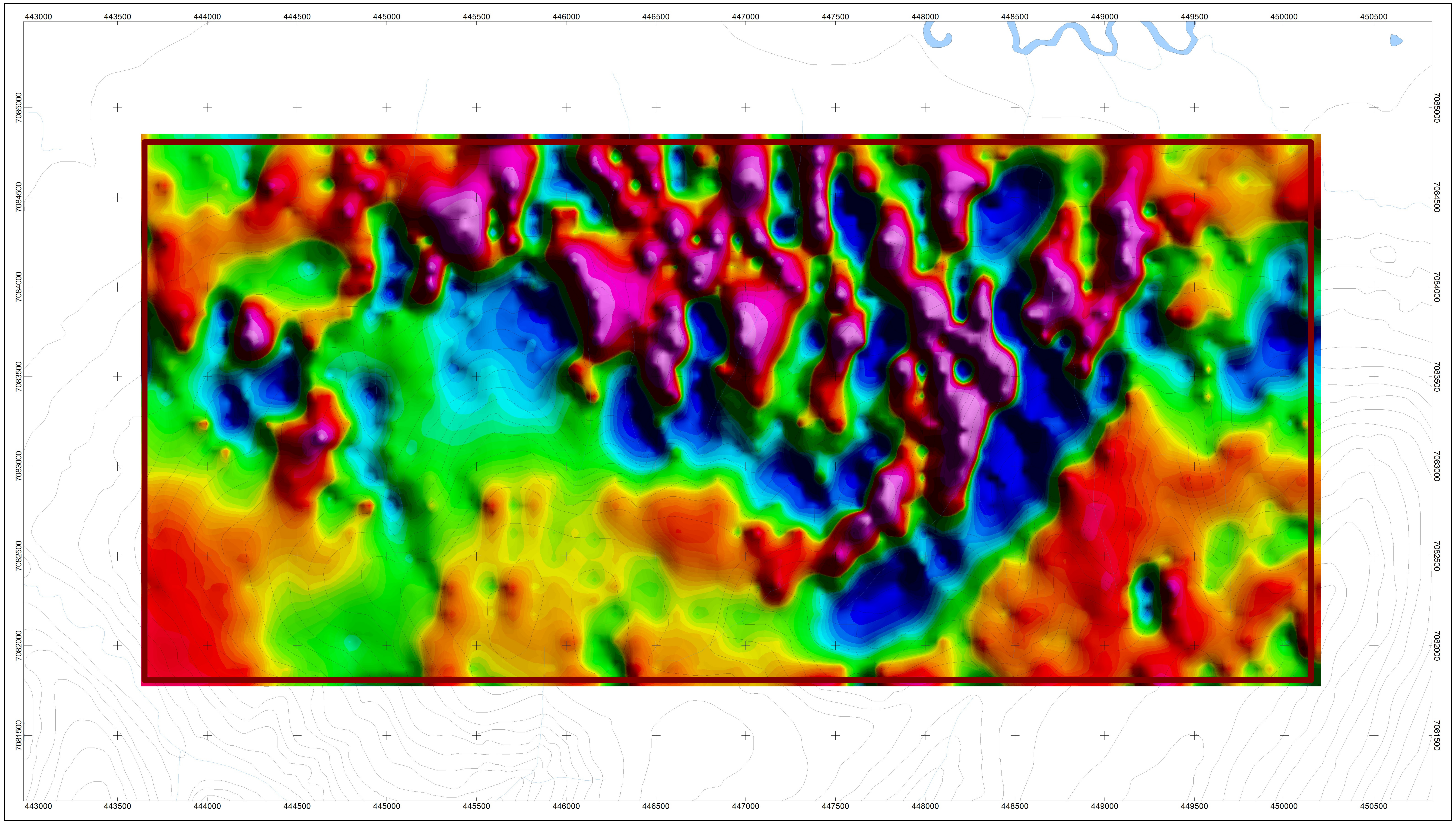
Precision GeoSurveys

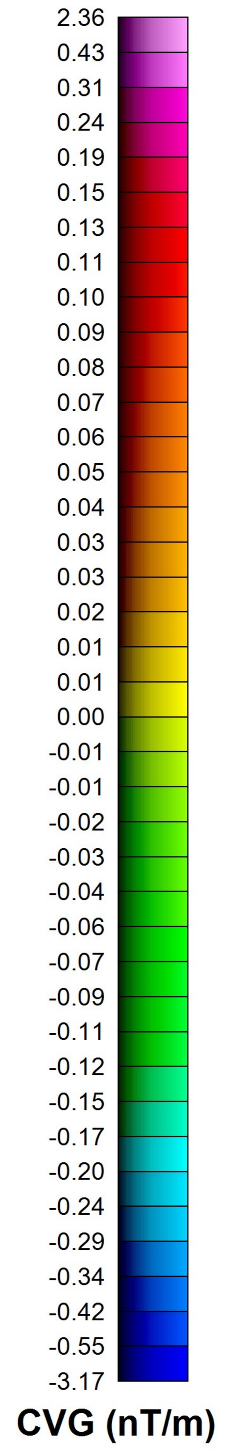
Plate5
SC_RMI



National Topographic System







MAP PROJECTION:

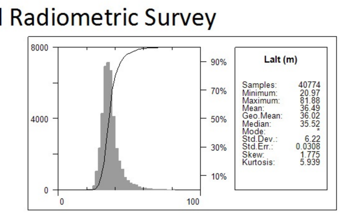
Projection: Universal Transverse Mercator Zone 8N

Datum: WGS 84

Local Datum Transform: World

SEATTLE CREEK BLOCK SURVEY SPECIFICATIONS:

Survey Date:	September 20, 2016
Survey Base:	Mayo, YT
Aircraft Type:	Eurocopter AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	36.5 meters
Survey Line Spacing:	150 meters
Survey Line Direction:	090°/270°
Tie Line Spacing:	1500 meters
Tie Line Direction:	000°/180°



AIRBORNE SURVEY SYSTEM:

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

Seattle 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]

Scale 1:12500

(meters)

Nevada Zinc Corporation

Magnetic Map

Seattle Creek Survey Block

Calculated Vertical Gradient

October 25, 2016

Precision GeoSurveys

Plate6

SC_CVG