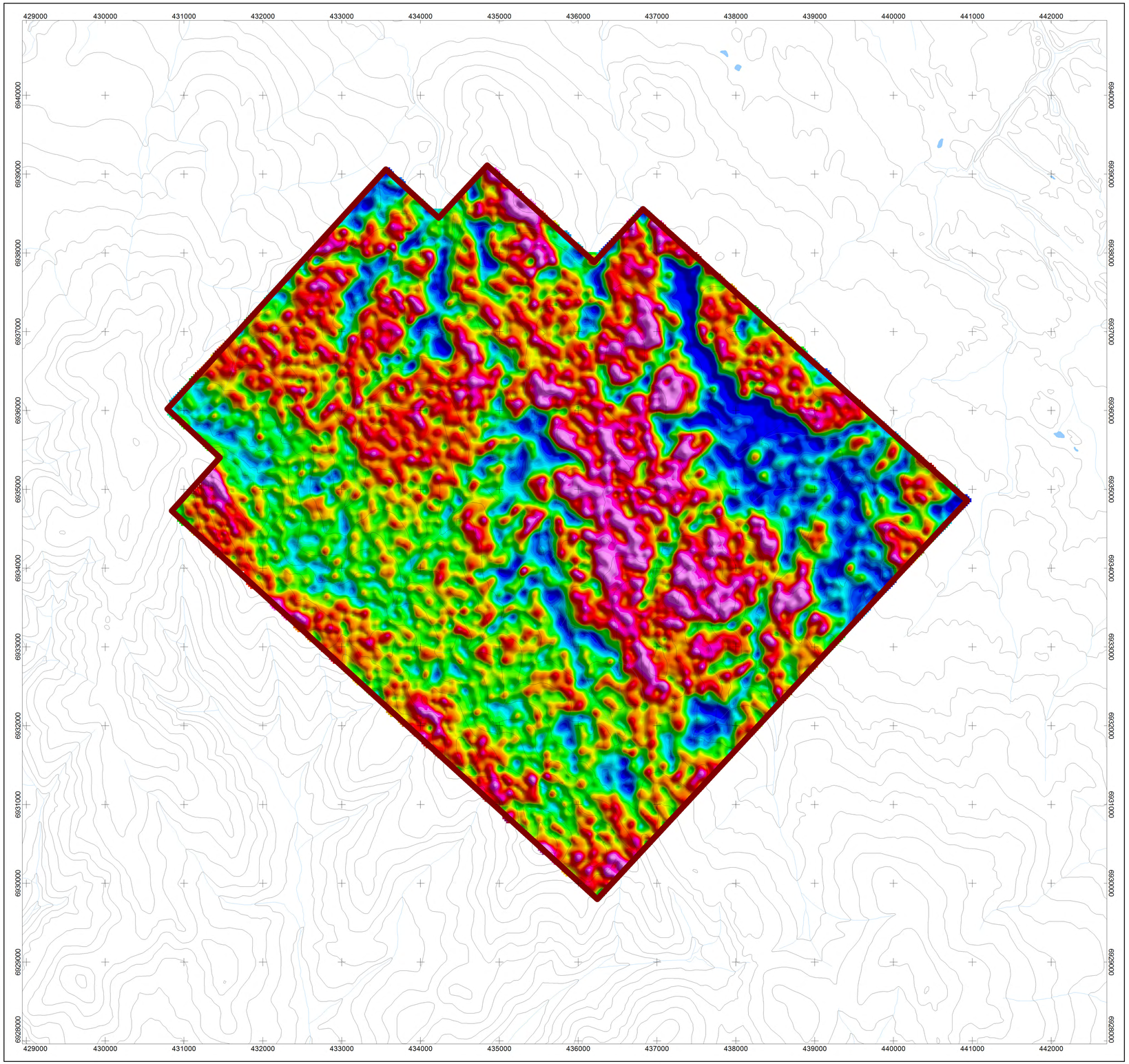
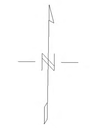
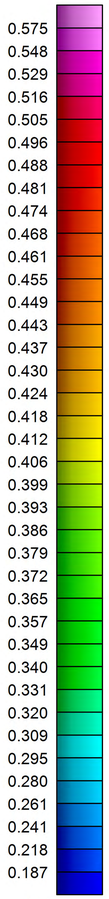
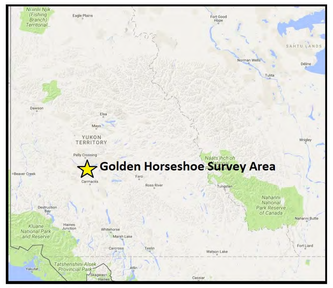
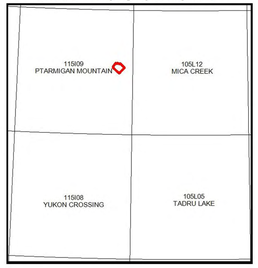








National Topographic System

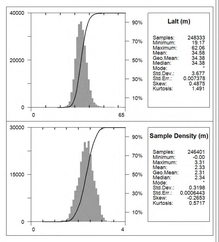


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

TOPOGRAPHIC REFERENCE

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

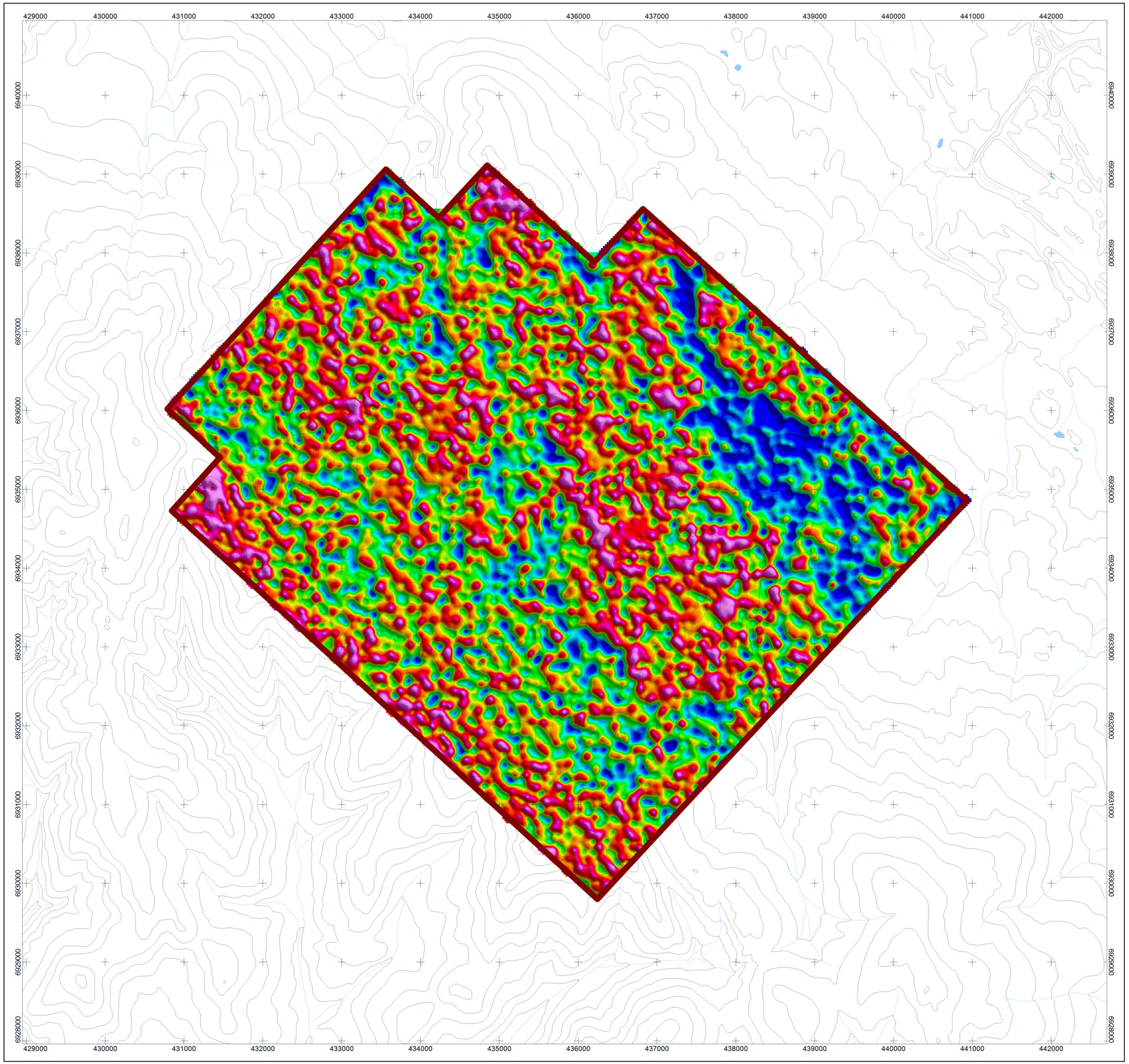
Potassium - Equivalent Concentration in Percentage

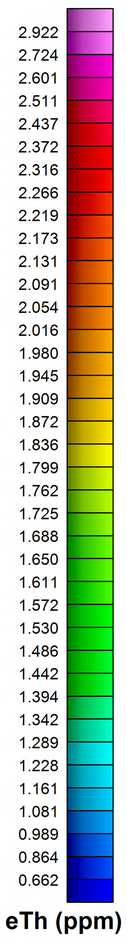
Precision GeoSurveys

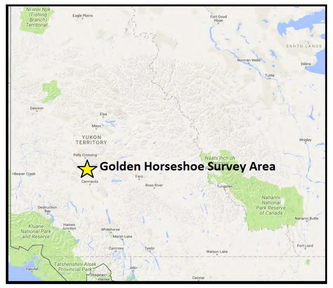
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

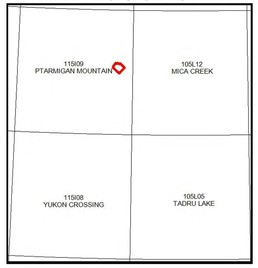
Plate 9
%K







National Topographic System

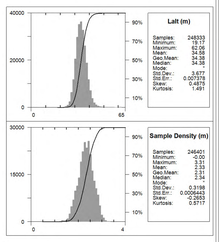


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

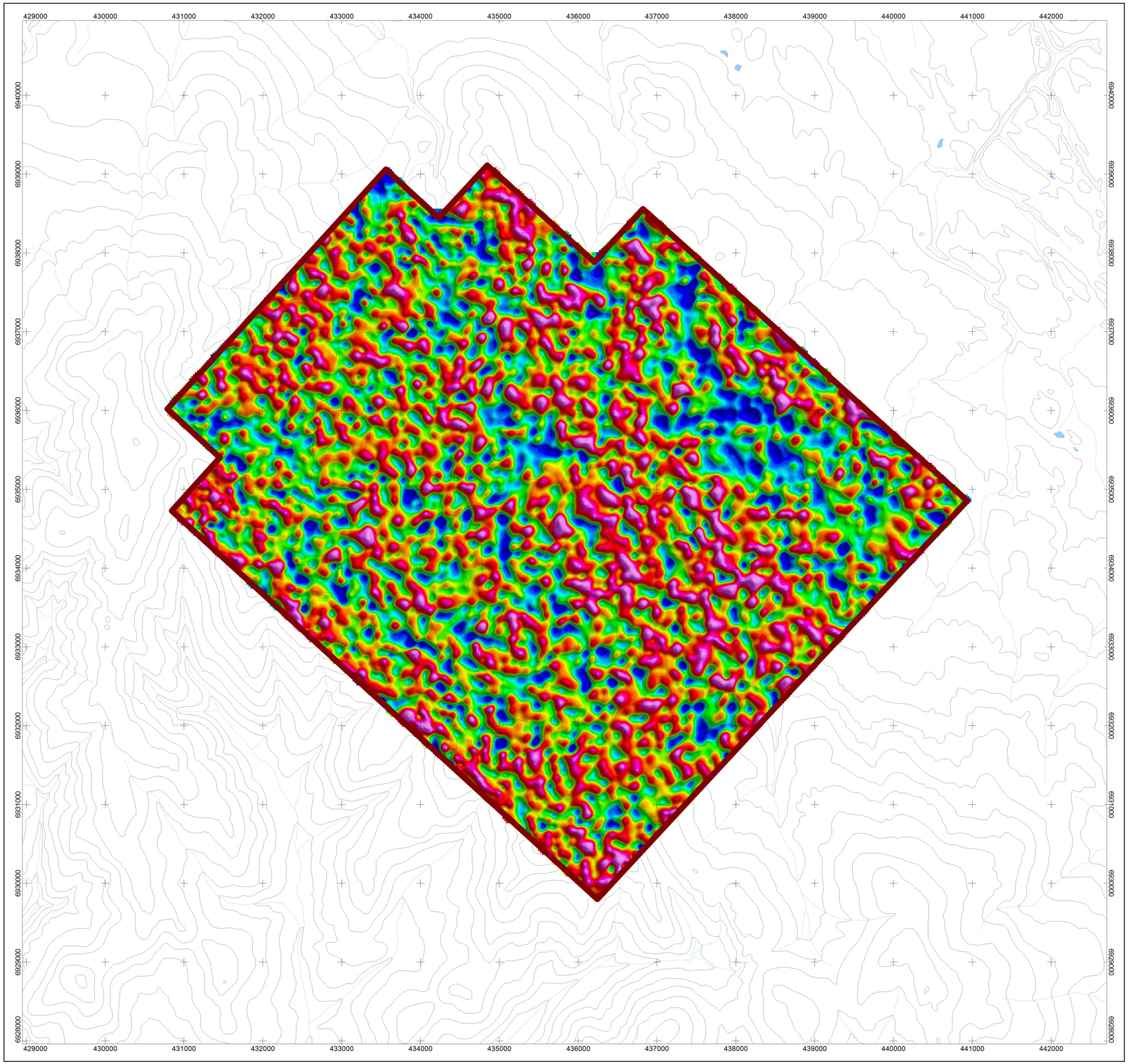
Thorium - Equivalent Concentration

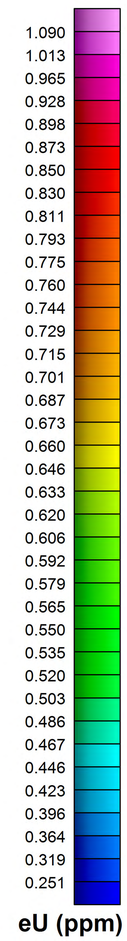
Precision GeoSurveys

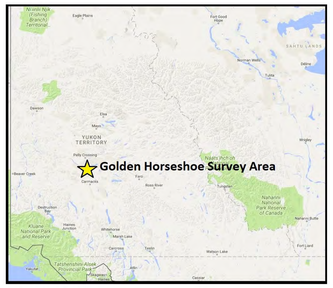
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

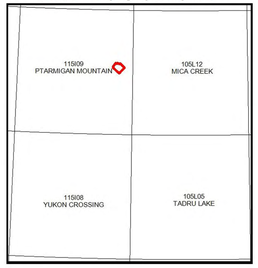
Plate 10
eTh







National Topographic System

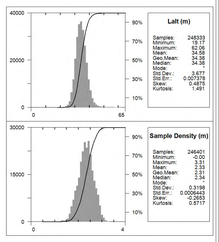


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

TOPOGRAPHIC REFERENCE

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

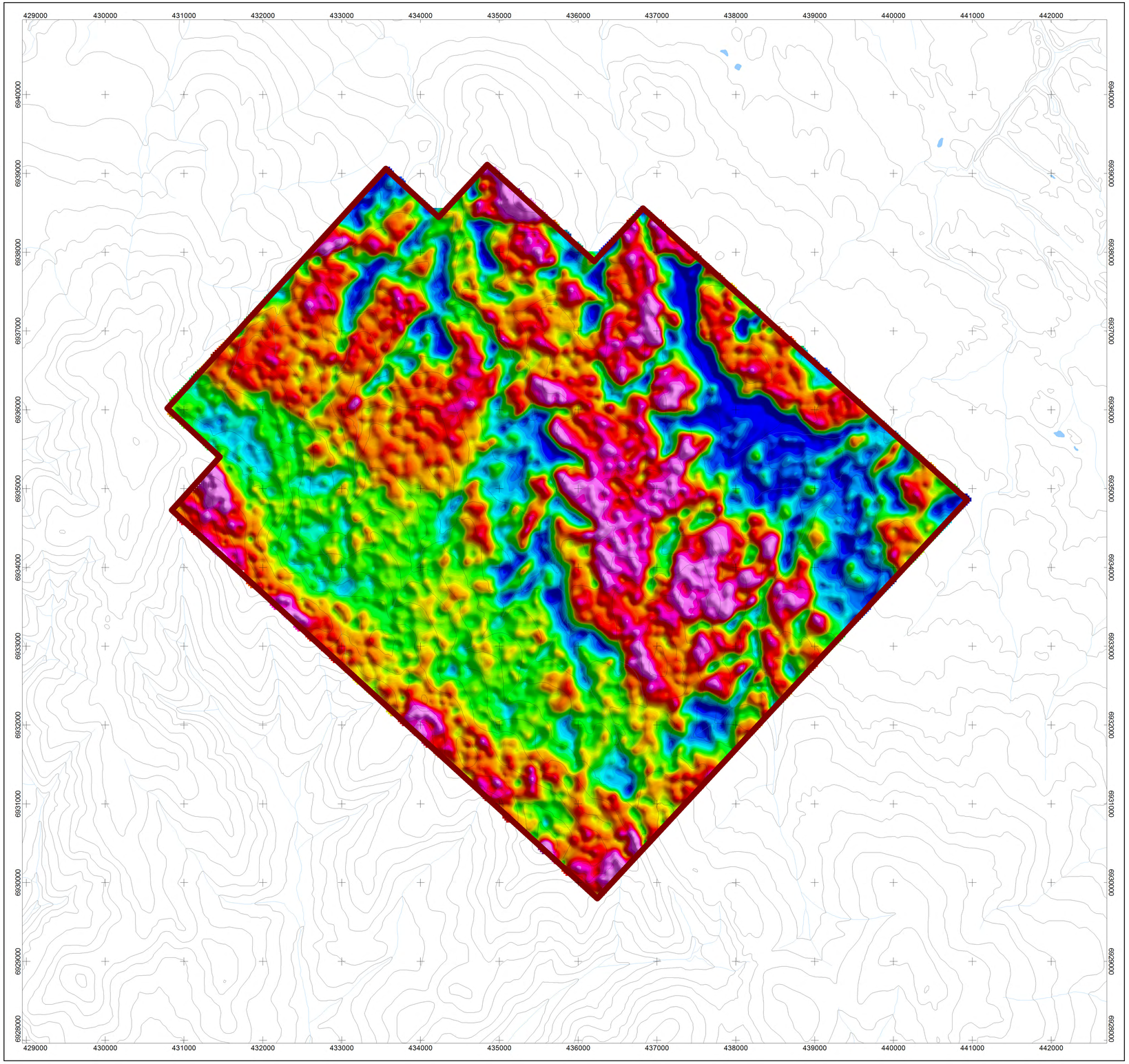
Uranium - Equivalent Concentration

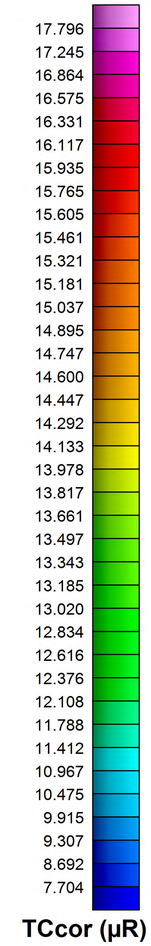
Precision GeoSurveys

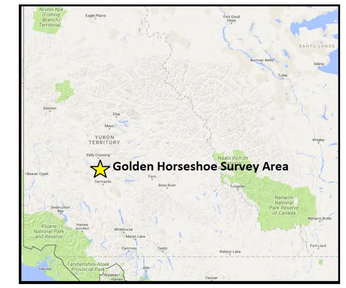
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

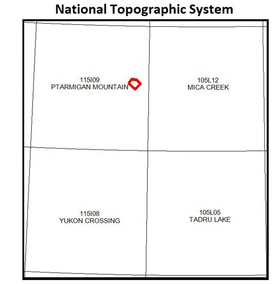
Plate 11
eU







National Topographic System

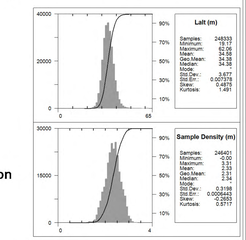


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

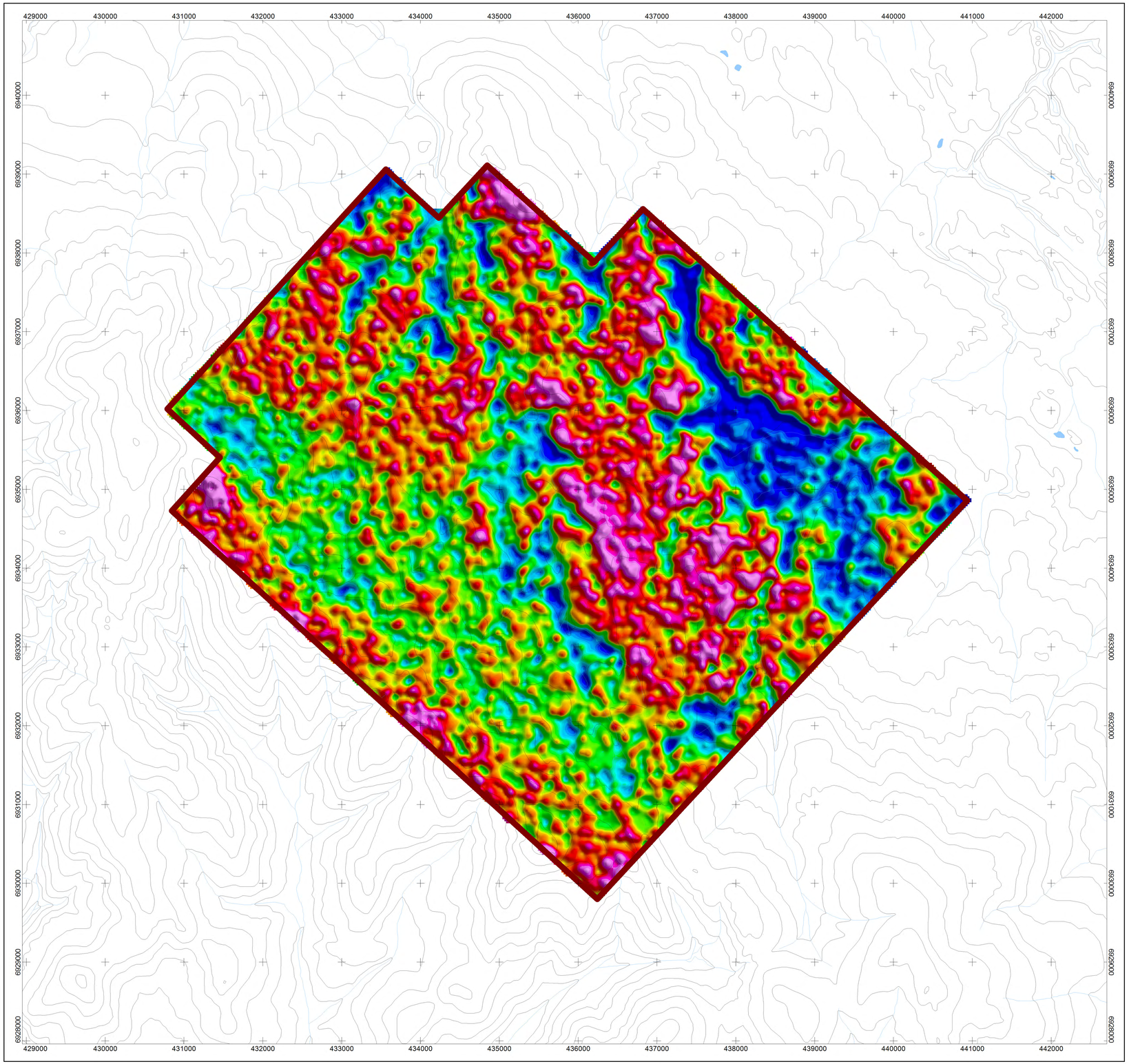
Total Count - Equivalent Dose Rate

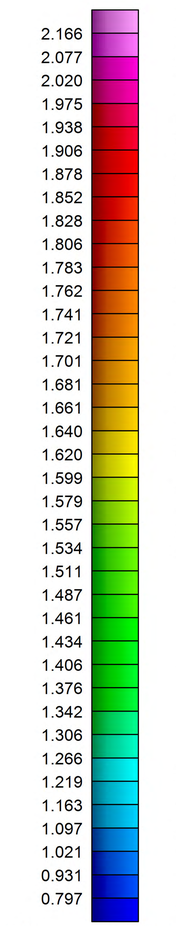
Precision GeoSurveys

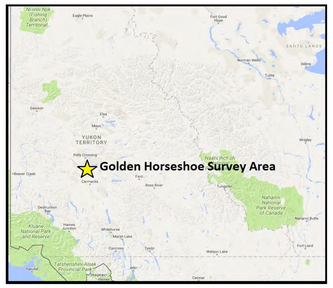
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

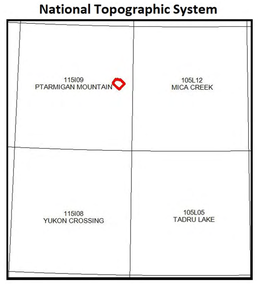
Plate 12
TCcor







National Topographic System

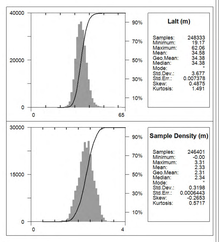


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

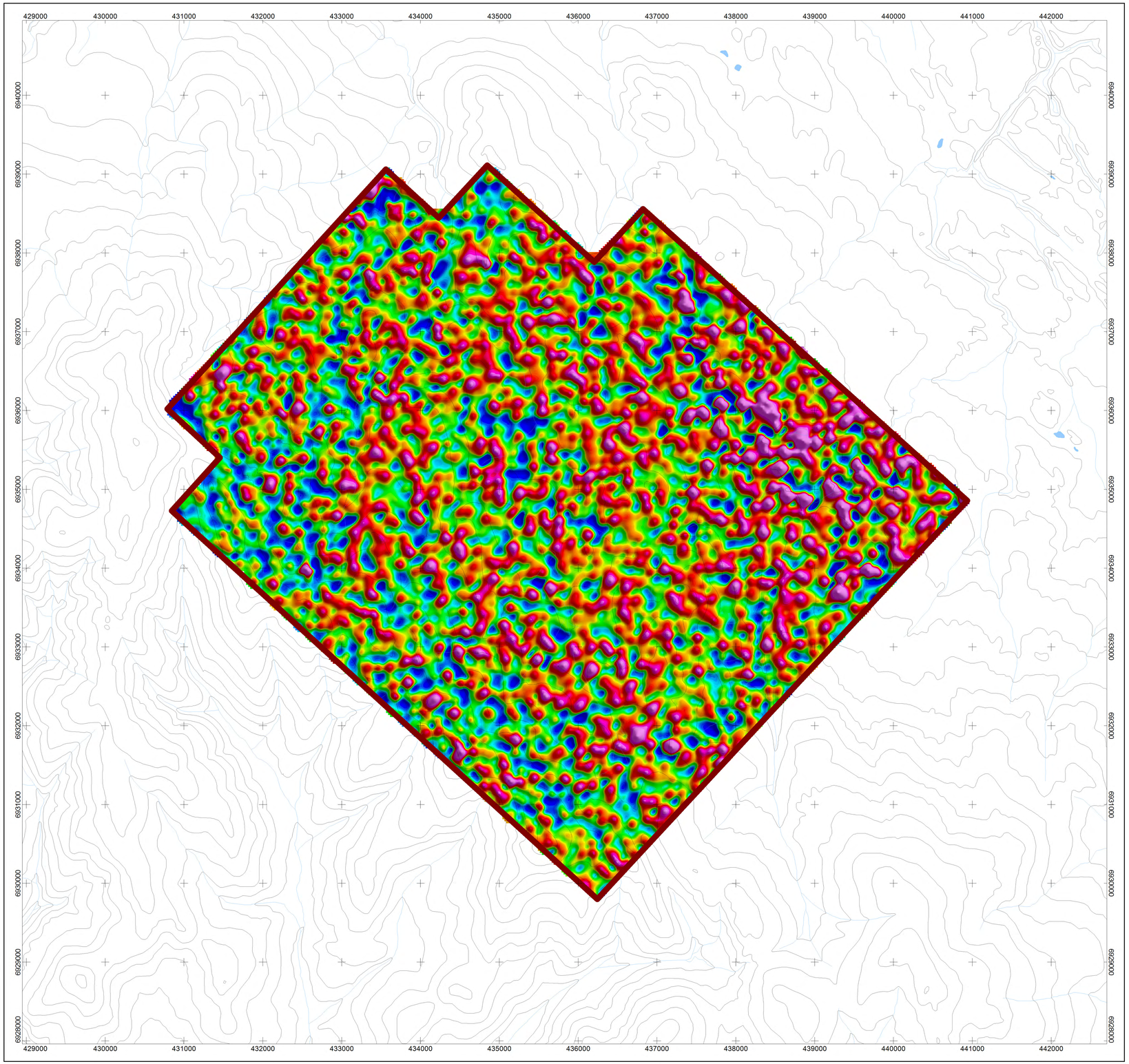
Total Count - Exposure Rate

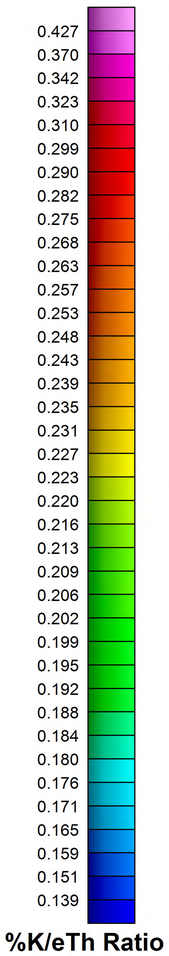
Precision GeoSurveys

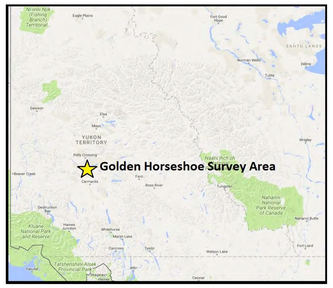
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

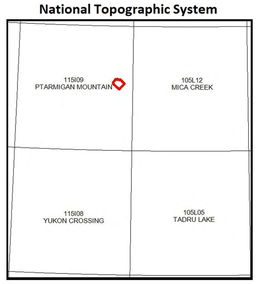
Plate 13
TCexp







National Topographic System

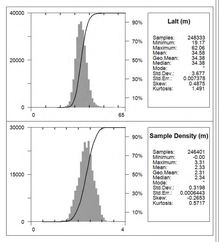


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

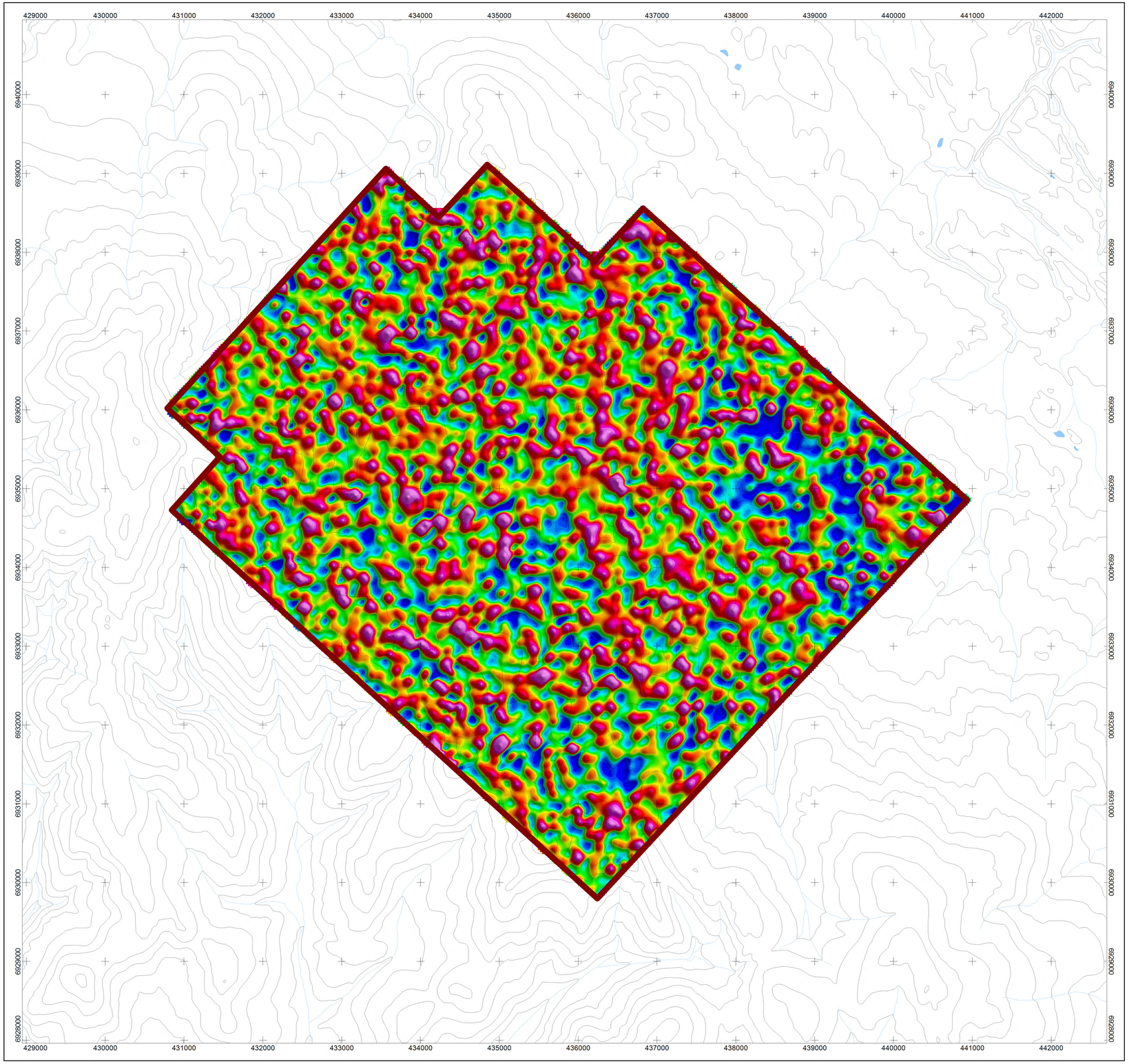
Potassium over Thorium Ratio

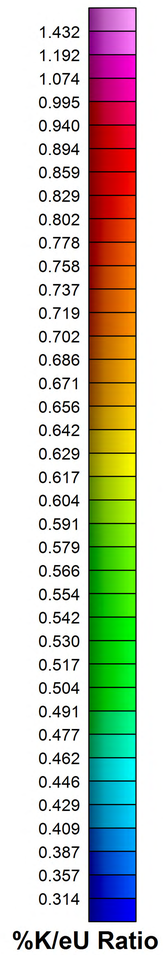
Precision GeoSurveys

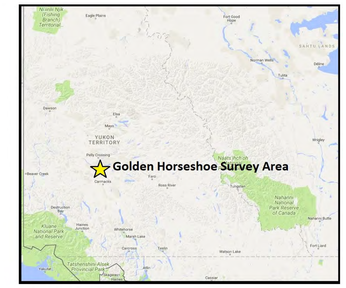
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

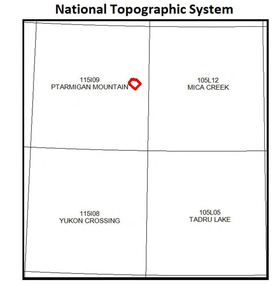
Job#18106
July 26, 2018

Plate 14
%K/eTh







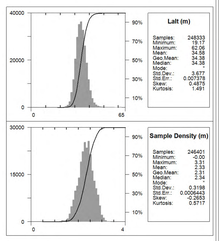


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

TOPOGRAPHIC REFERENCE

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

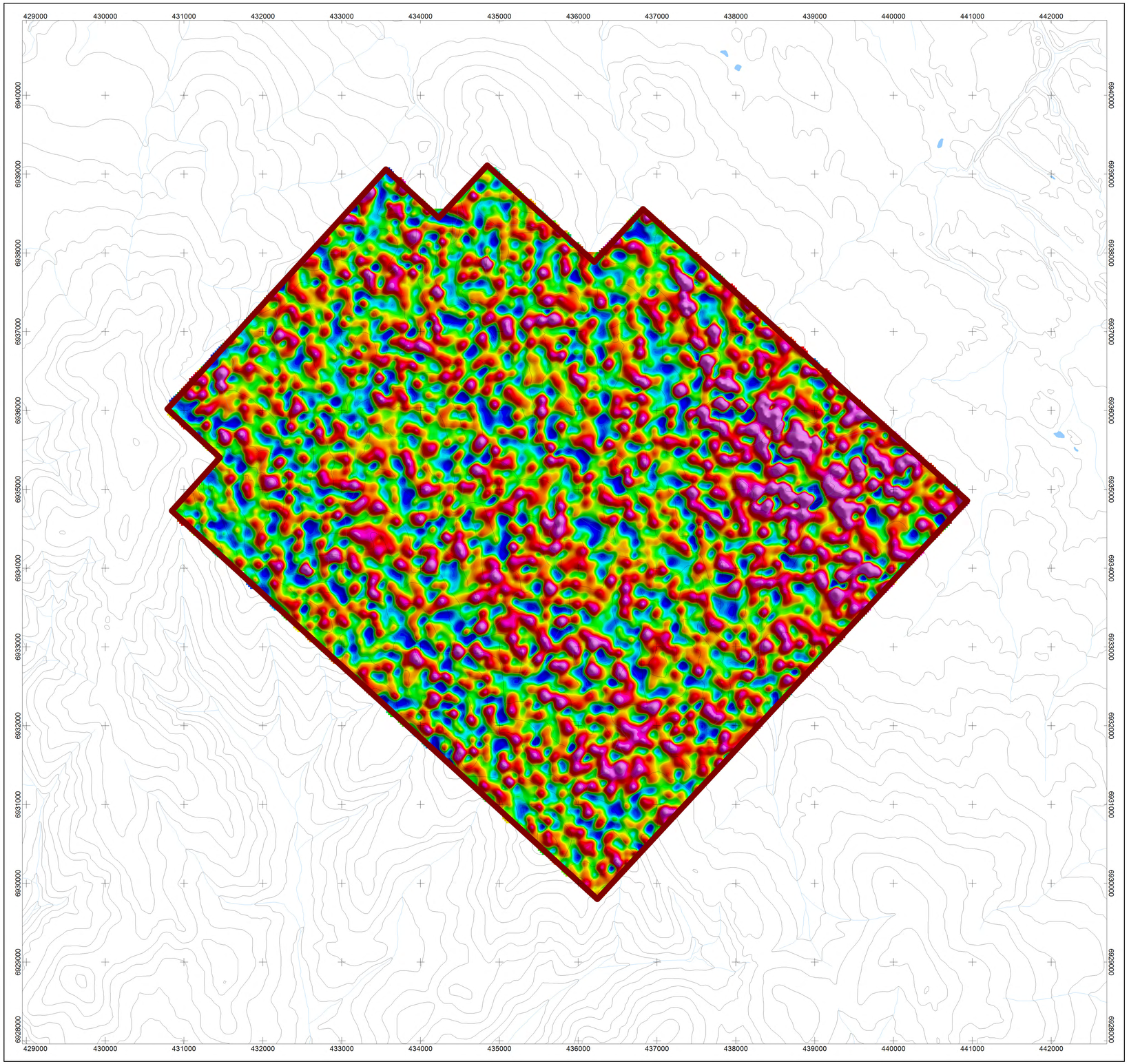
Potassium over Uranium Ratio

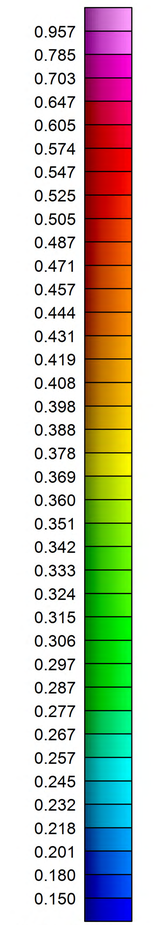
Precision GeoSurveys

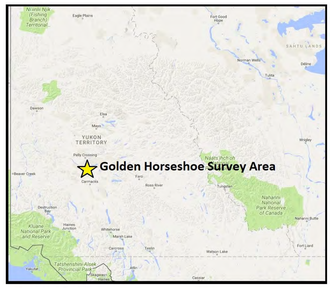
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

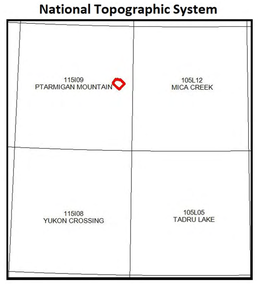
Plate 15
%K/eU







National Topographic System

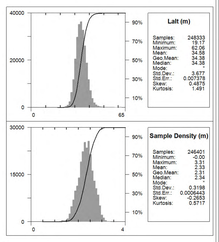


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

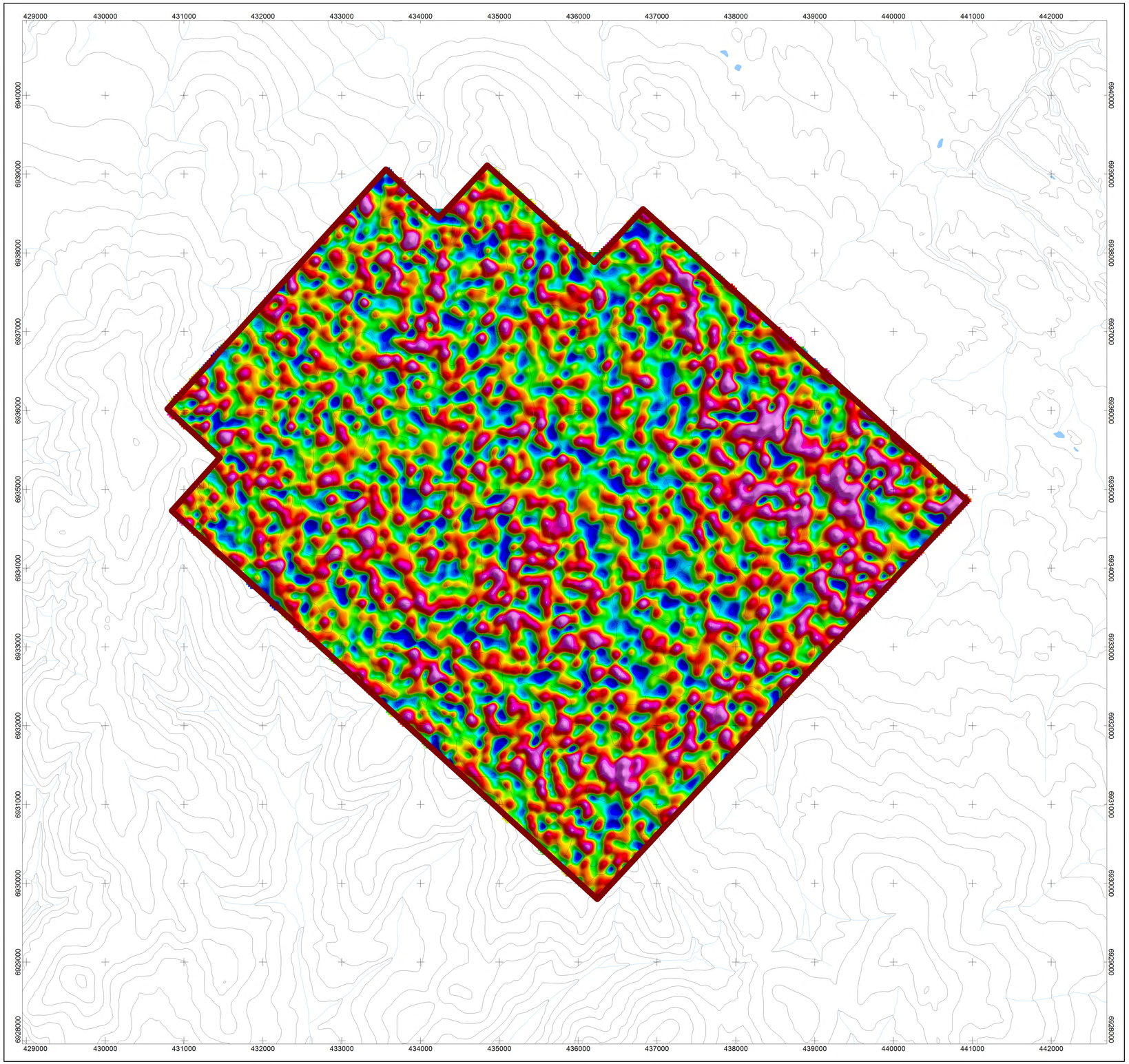
Uranium over Thorium Ratio

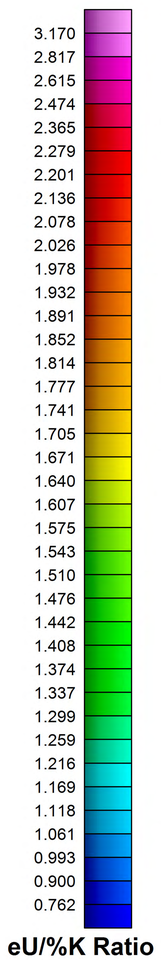
Precision GeoSurveys

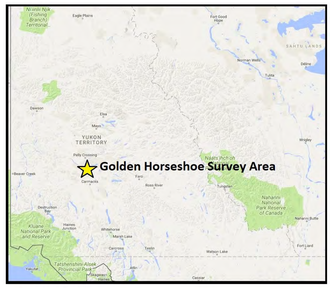
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

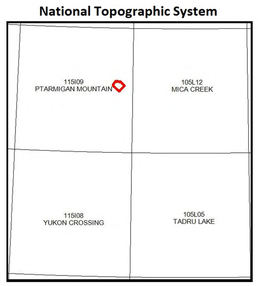
Job#18106
July 26, 2018

Plate 16
eU/eTh







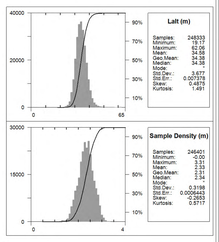


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

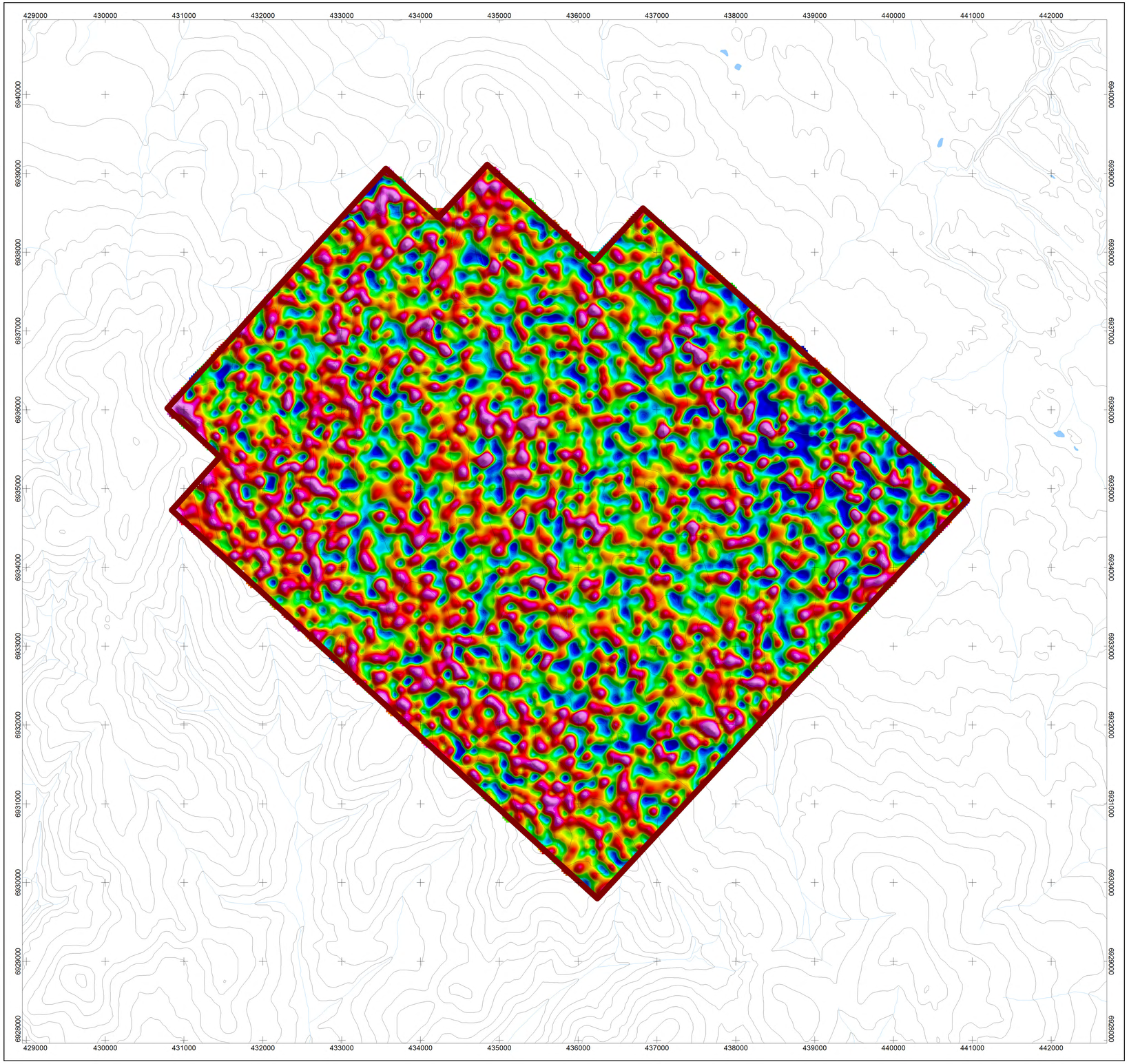
Uranium over Potassium Ratio

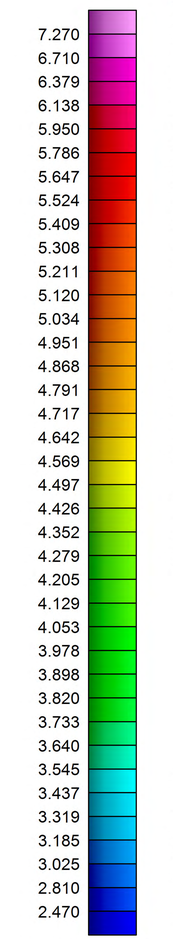
Precision GeoSurveys

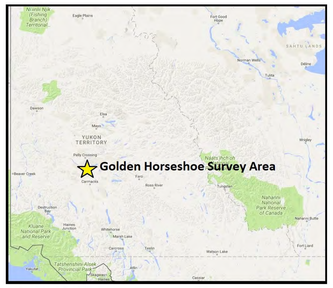
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

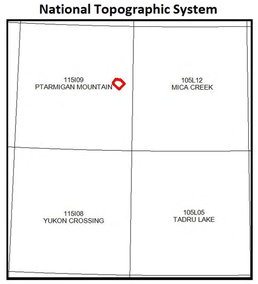
Plate 17
eU/%K







National Topographic System

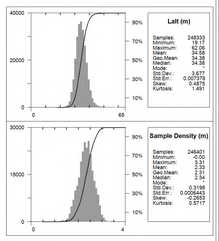


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

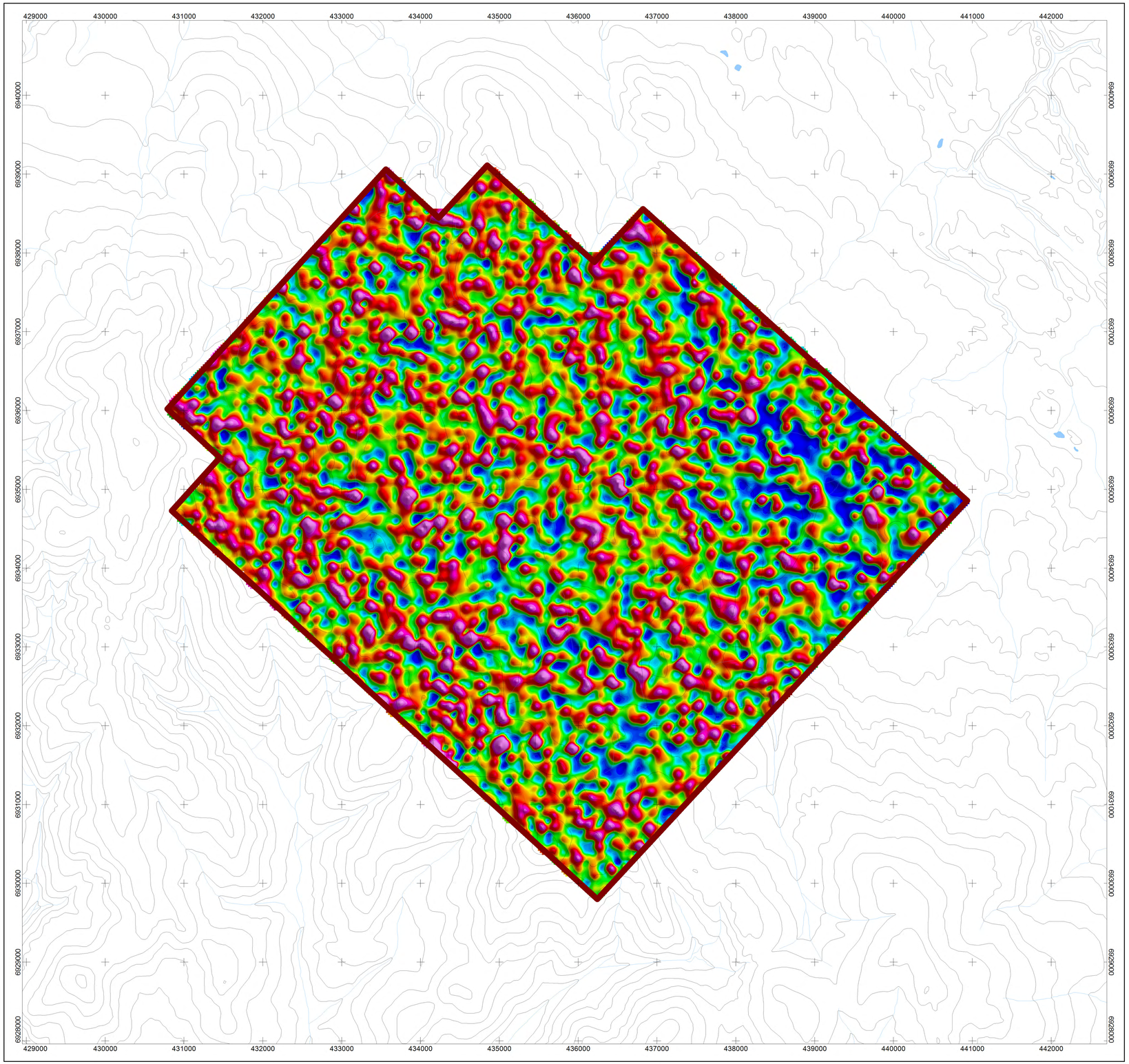
Thorium over Potassium Ratio

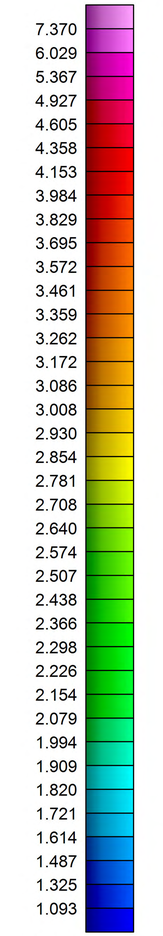
Precision GeoSurveys

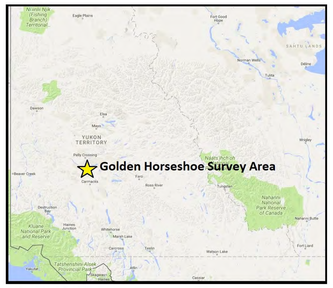
Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

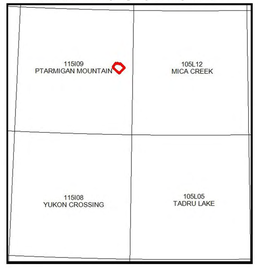
Plate 18
eTh/%K







National Topographic System

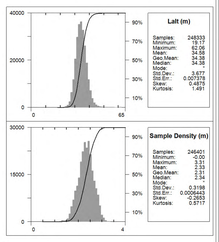


MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
Survey Base:	Carmacks, Yukon
Aircraft Type:	Airbus AS350
Registration:	C-GSVY
Survey Technology:	Magnetic and Radiometric Survey
Mean Flight Height:	34.6 meters
Survey Line Spacing:	100 meters
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°



AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 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 Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz

Legend

Water Bodies.....
Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

Radiometric data have been corrected for effective height, aircraft, cosmic, radon, stripping ratios, and attenuations, and then converted to apparent radioelement concentrations. The radiometric data is represented as a grid and drawn with a histogram-equalized color shade; sun illumination inclination at 45° and declination at 045°.

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Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

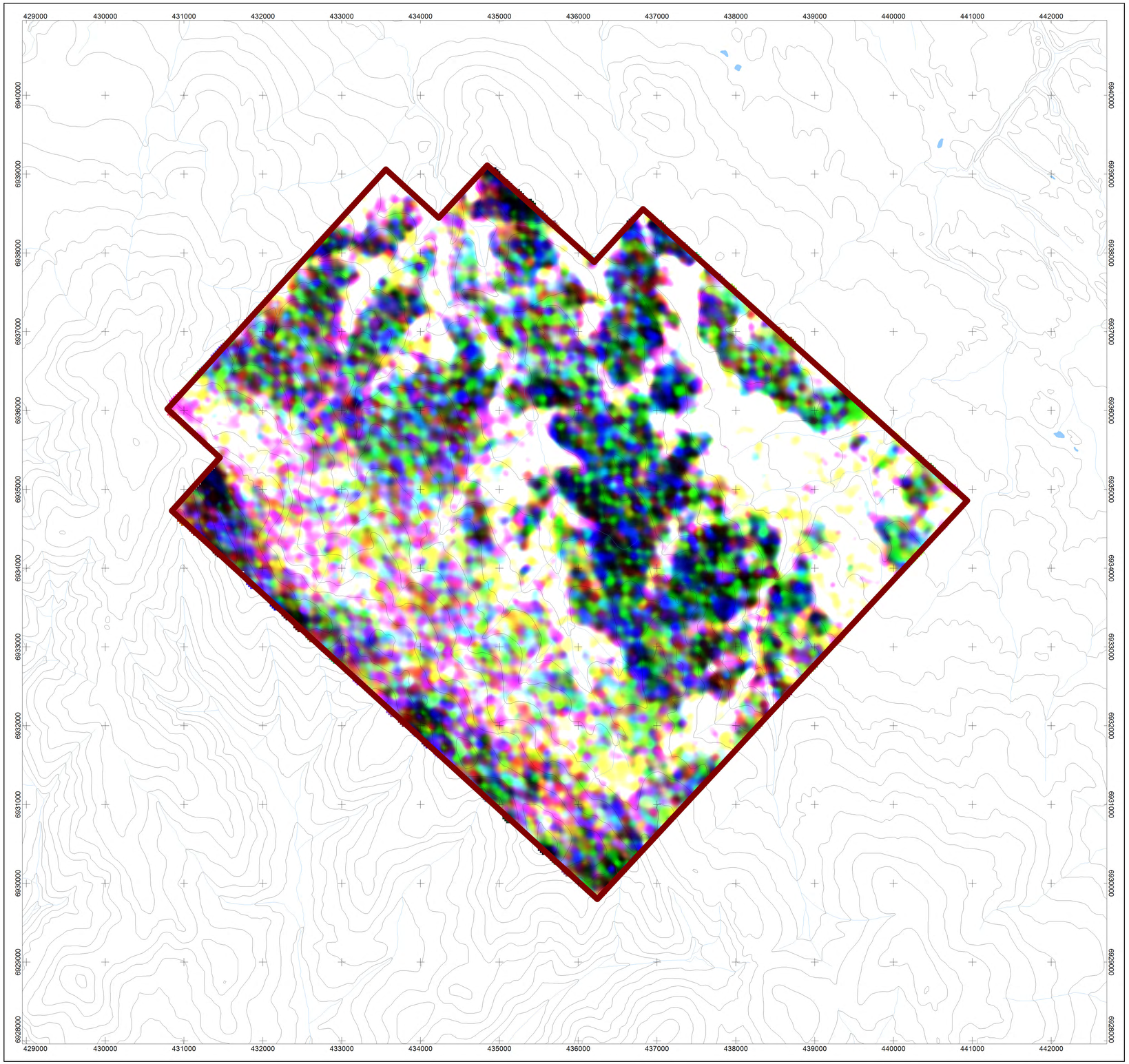
Thorium over Uranium Ratio

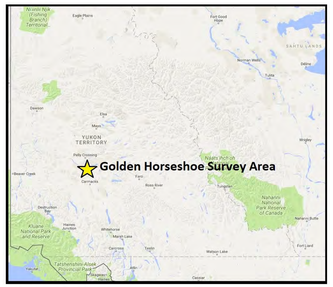
Precision GeoSurveys

Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

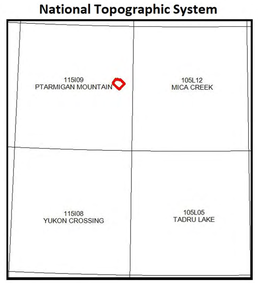
Job#18106
July 26, 2018

Plate 19
eTh/eU





National Topographic System



MAP PROJECTION

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

GOLDEN HORSESHOE SURVEY SPECIFICATIONS

Survey Date(s):	July 4, 2018 and July 5, 2018
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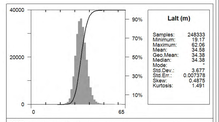
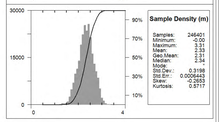
Survey Line Direction:	043°/223°
Tie Line Spacing:	1000 meters
Tie Line Direction:	133°/313°





AIRBORNE SURVEY SYSTEM

Magnetometer Sensor:	Scintrex CS-3 Cesium
Configuration:	Stinger with 3 axis compensation
Sample Rate:	20 Hz
Sensitivity:	0.0006 nT √Hz rms
Gamma Ray Spectrometer:	Pico Envirotec GRS-10 Gamma Spectrometer
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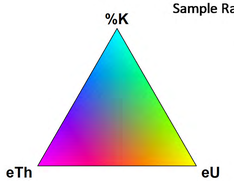
Upward-Looking Crystal:	4.2 litres of NaI(Tl) crystal
Sample Rate:	1 Hz



Legend

Water Bodies.....

Golden Horseshoe Survey Block Boundary.....

DATA REFERENCE

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URL <http://ftp.geogratis.gc.ca/pub/nrcan_rncan/vector/ntdb_bndt/>[2007]

Kluane Drilling Ltd.

Radiometric Map

Golden Horseshoe Survey Block

Ternary Map

Precision GeoSurveys

Scale 1:25000
500 0 500 1000 1500
(meters)
WGS 84 / UTM zone 8N

Job#18106
July 26, 2018

Plate 20
TM