

Scale 1:10,000,000

Survey Specifications:

Base: Amos, QC
Date Flown: May 20-23, 2021
Aircraft: AStar AS350
Registration: C-GVDE
Flight Line Spacing: 50 & 100 m
Flight Line Direction: N29°E & N35°E
Tie Line Spacing: 1000 m
Tie Line Direction: N119°E & N125°E
Nominal Bird Height: 45 m
Sensor Position: 30 m below aircraft

Instrumentation:

Data Acquisition: GEM Systems GEMDAS
System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
Vertical Separation: 3.00 m
Horizontal Separation: 10.0 m
Sensitivity: +/- 0.0025 nT
Heading Error: +/- 0.05 nT or less
Gradient Tolerance: 35,000 nT/m maximum
VLF Station # 1: Cutler, Maine 24.0 kHz
VLF Station # 2: Jim Creek, Washington 24.8 kHz
VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE

2580482 — Mining title

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GÉOLOGUE / GEOLOGIST
MARC BOIVIN # 361
QUÉBEC

Scale 1:20000

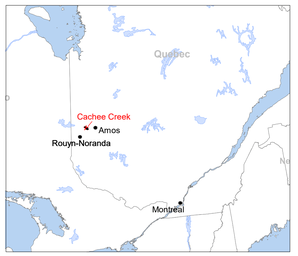
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(meters)
WGS 84 / UTM zone 17N

Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Flight path and mining titles map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS



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Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

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System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

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Eccentricity: 0.81819191
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Central Scale Factor: 0.9996
False Easting: 500,000 mE

DTM
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300
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Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GEOLOGUE / GEOLOGIST
MARC BOIVIN # 361
QUÉBEC

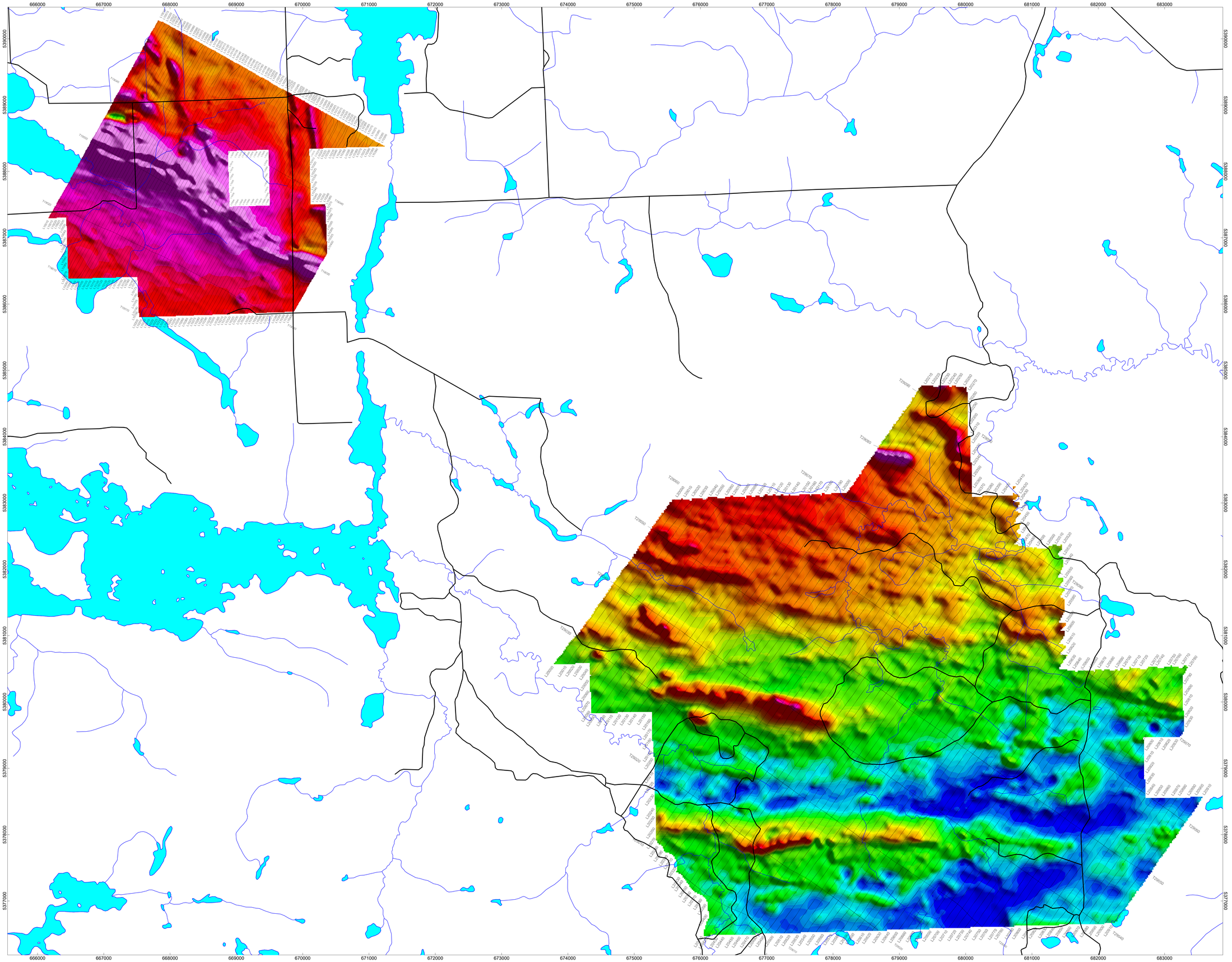
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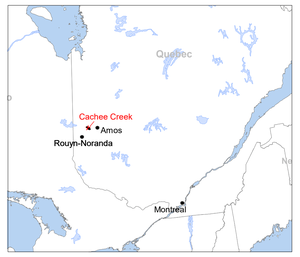
Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Digital Terrain Model (DTM) map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS





Scale 1:10,000,000

Survey Specifications:

Base: Amos, QC
Date Flown: May 20-23, 2021
Aircraft: AStar AS350
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Tie Line Direction: N119°E & N125°E
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Sensor Position: 30 m below aircraft

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System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
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Gradient Tolerance: 35,000 nT/m maximum
VLF Station # 1: Cutler, Maine 24.0 kHz
VLF Station # 2: Jim Creek, Washington 24.8 kHz
VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

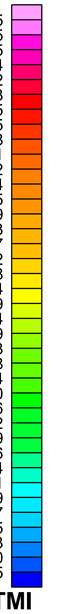
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



TMI
nT

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

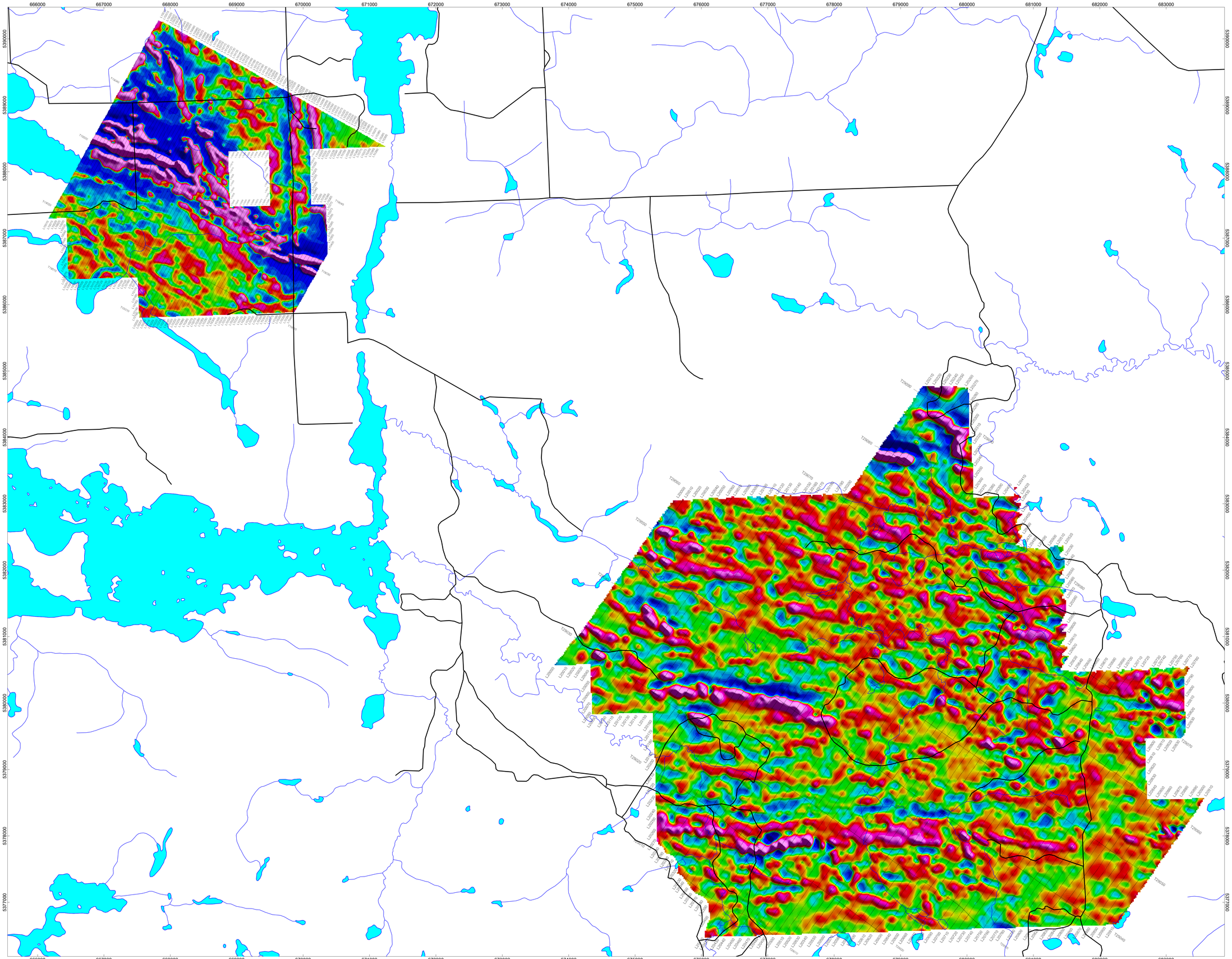
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(meters)
WGS 84 / UTM zone 17N

Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Total Magnetic Intensity (TMI) map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MBGEOSOLUTIONS





Scale 1:10,000,000

Survey Specifications:

Base: Amos, QC
Date Flown: May 20-23, 2021
Aircraft: AStar AS350
Registration: C-GVDE
Flight Line Spacing: 50 & 100 m
Flight Line Direction: N29°E & N35°E
Tie Line Spacing: 1000 m
Tie Line Direction: N119°E & N125°E
Nominal Bird Height: 45 m
Sensor Position: 30 m below aircraft

Instrumentation:

Data Acquisition: GEM Systems GEMDAS
System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
Vertical Separation: 3.00 m
Horizontal Separation: 10.0 m
Sensitivity: +/- 0.0025 nT
Heading Error: +/- 0.05 nT or less
Gradient Tolerance: 35,000 nT/m maximum
VLF Station # 1: Cutler, Maine 24.0 kHz
VLF Station # 2: Jim Creek, Washington 24.8 kHz
VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

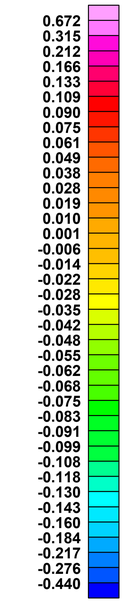
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



Vertical Gradient
nT/m

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GÉOLOGUE / GEOLOGIST
MARC BOIVIN
361
QUÉBEC, Qc

Scale 1:20000

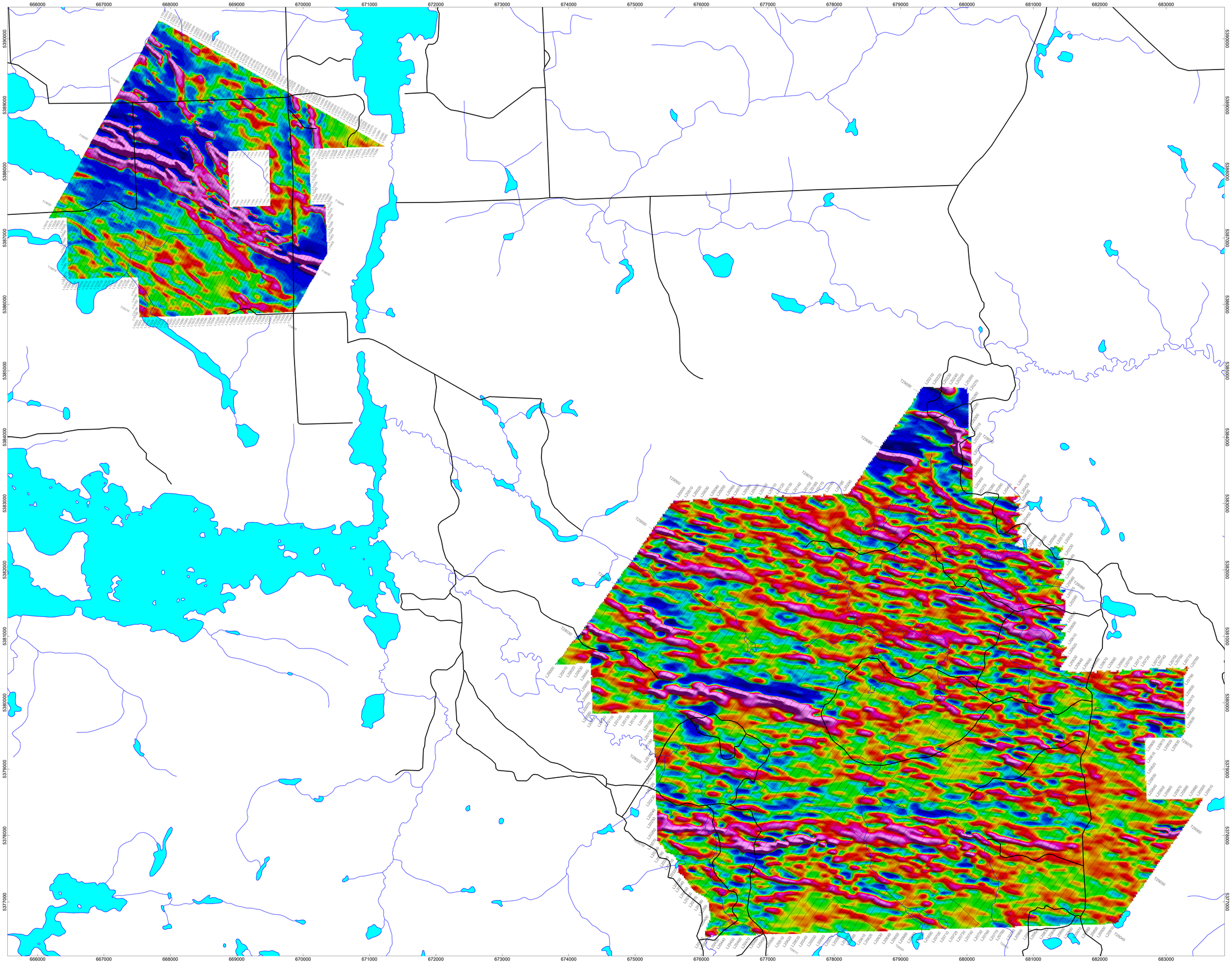
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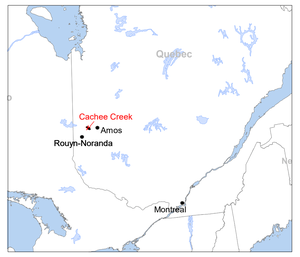
Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Measured vertical gradient map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS





Scale 1:10,000,000

Survey Specifications:

Base: Amos, QC
Date Flown: May 20-23, 2021
Aircraft: AStar AS350
Registration: C-GVDE
Flight Line Spacing: 50 & 100 m
Flight Line Direction: N29°E & N35°E
Tie Line Spacing: 1000 m
Tie Line Direction: N119°E & N125°E
Nominal Bird Height: 45 m
Sensor Position: 30 m below aircraft

Instrumentation:

Data Acquisition: GEM Systems GEMDAS
System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
Vertical Separation: 3.00 m
Horizontal Separation: 10.0 m
Sensitivity: +/- 0.0025 nT
Heading Error: +/- 0.05 nT or less
Gradient Tolerance: 35,000 nT/m maximum
VLF Station # 1: Cutler, Maine 24.0 kHz
VLF Station # 2: Jim Creek, Washington 24.8 kHz
VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

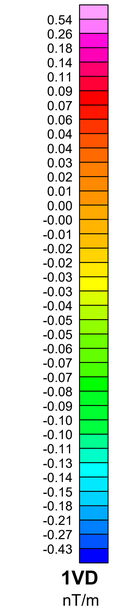
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



1VD
nT/m

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GÉOLOGUE / GEOLOGIST
MARC BOIVIN
361
QUÉBEC

Scale 1:20000

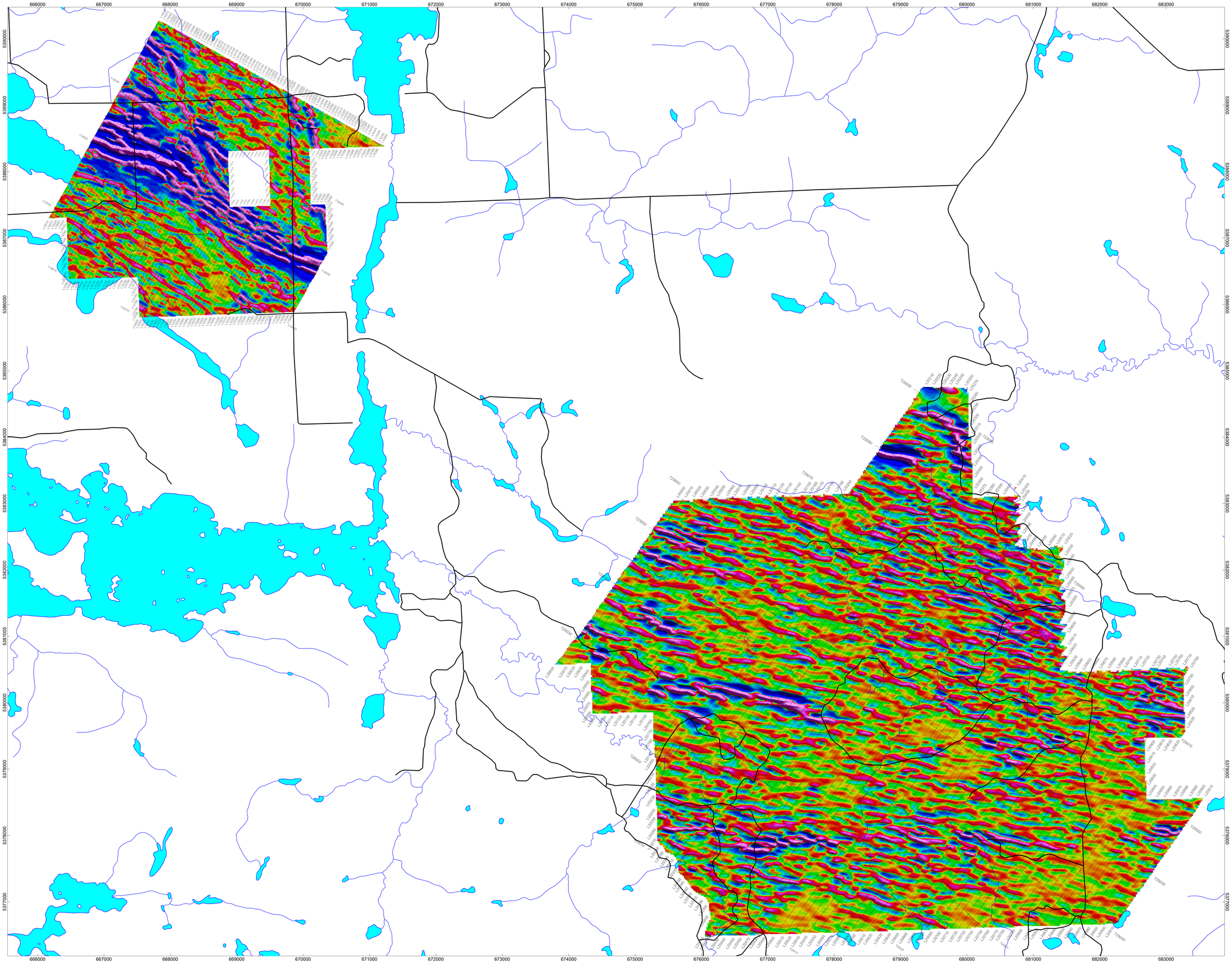
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WGS 84 / UTM zone 17N

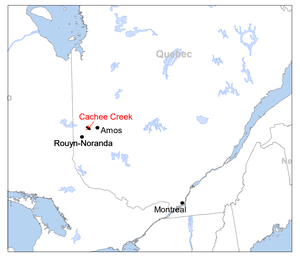
Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
First Vertical derivative (1VD) map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS





Scale 1:10,000,000

Survey Specifications:

Base: Amos, QC
Date Flown: May 20-23, 2021
Aircraft: AStar AS350
Registration: C-GVDE
Flight Line Spacing: 50 & 100 m
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Tie Line Spacing: 1000 m
Tie Line Direction: N119°E & N125°E
Nominal Bird Height: 45 m
Sensor Position: 30 m below aircraft

Instrumentation:

Data Acquisition: GEM Systems GEMDAS
System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
Vertical Separation: 3.00 m
Horizontal Separation: 10.0 m
Sensitivity: +/- 0.0025 nT
Heading Error: +/- 0.05 nT or less
Gradient Tolerance: 35,000 nT/m maximum
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VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

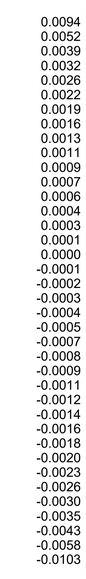
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



2VD
nT/m2

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

Scale 1:20000

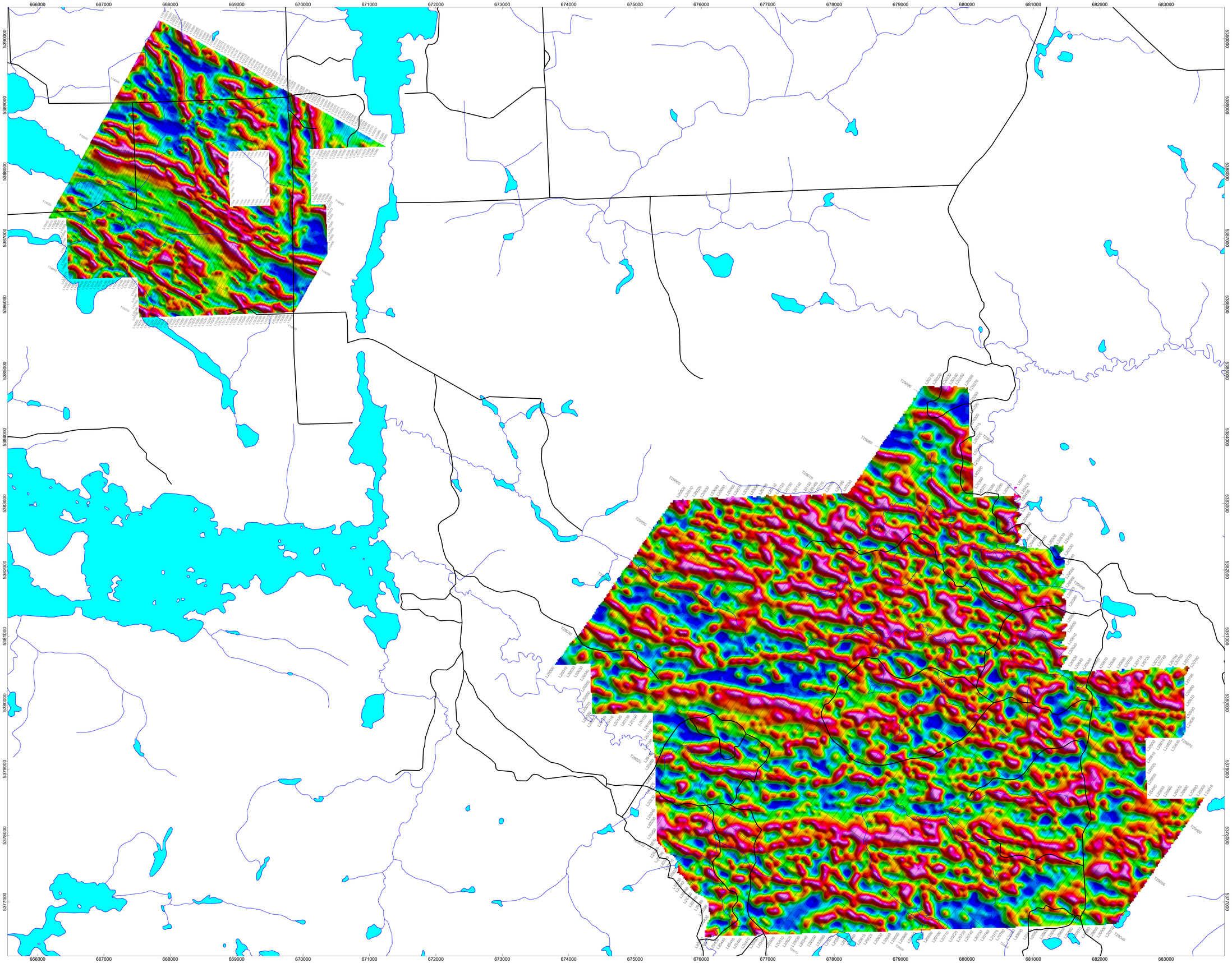
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WGS 84 / UTM zone 17N

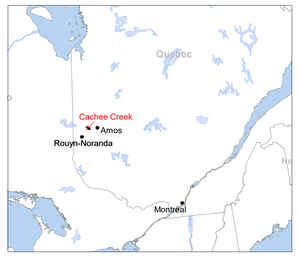
Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Second Vertical Derivative (2VD) map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MBGEOSOLUTIONS





Scale 1:10,000,000

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Tie Line Direction: N119°E & N125°E
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Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
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Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

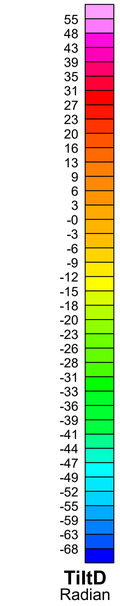
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



TiltD
Radian

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GEOLOGUE / GEOLOGIST
MARC BOIVIN
261
QUÉBEC

Scale 1:20000

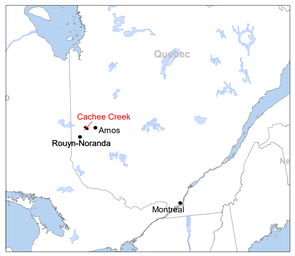
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(meters)
WGS 84 / UTM zone 17N

Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Tilt Derivative (TDR) map

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS



Scale 1:10,000,000

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Tie Line Direction: N119°E & N125°E
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Sensor Position: 30 m below aircraft

Instrumentation:

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System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
Vertical Separation: 3.00 m
Horizontal Separation: 10.0 m
Sensitivity: +/- 0.0025 nT
Heading Error: +/- 0.05 nT or less
Gradient Tolerance: 35,000 nT/m maximum
VLF Station # 1: Cutler, Maine 24.0 kHz
VLF Station # 2: Jim Creek, Washington 24.8 kHz
VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

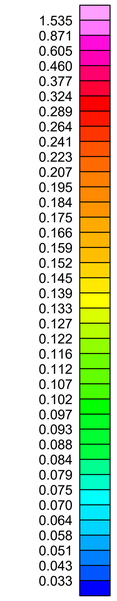
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GEOLOGUE / GEOLOGIST
MARC BOIVIN
961
QUÉBEC

Scale 1:20000

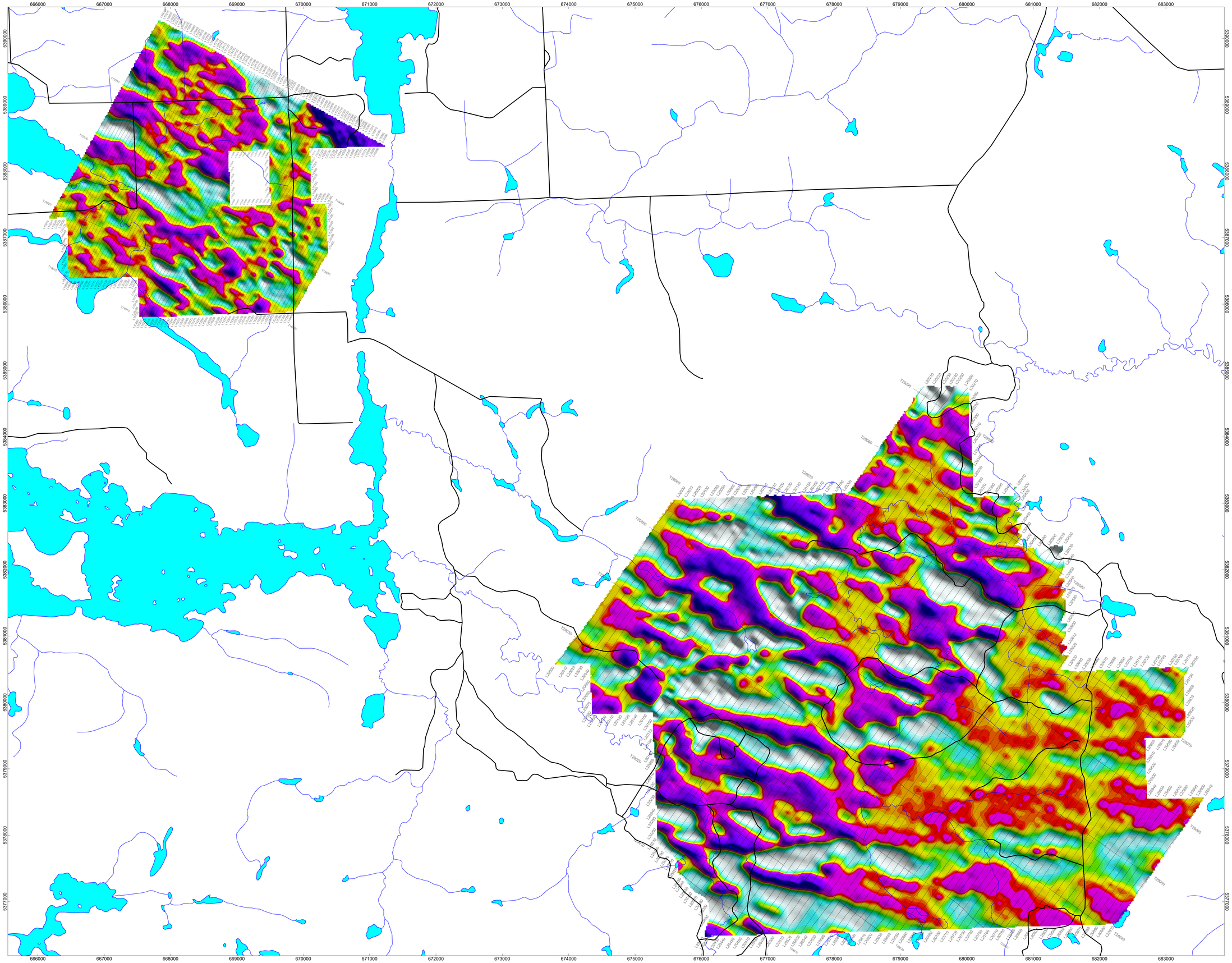
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(meters)
WGS 84 / UTM zone 17N

Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
Analytical Signal (AS-TG) map

Survey flown by: K8aranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS





Scale 1:10,000,000

Survey Specifications:

Base: Amos, QC
Date Flown: May 20-23, 2021
Aircraft: ASar AS350
Registration: C-GVDE
Flight Line Spacing: 50 & 100 m
Flight Line Direction: N29°E & N35°E
Tie Line Spacing: 1000 m
Tie Line Direction: N119°E & N125°E
Nominal Bird Height: 45 m
Sensor Position: 30 m below aircraft

Instrumentation:

Data Acquisition: GEM Systems GEMDAS
System: QuadriMag WhiteEagle, VLF-EM & AFMAG
Magnetometers: 4 GEM System GSMP-35A Potassium Vapor
Vertical Separation: 3.00 m
Horizontal Separation: 10.0 m
Sensitivity: +/- 0.0025 nT
Heading Error: +/- 0.05 nT or less
Gradient Tolerance: 35,000 nT/m maximum
VLF Station # 1: Cutler, Maine 24.0 kHz
VLF Station # 2: Jim Creek, Washington 24.8 kHz
VLF Sensitivity: +/- 5 pT
Radar Altimeter: Free Flight AA-300 @ 10 Hz
GPS System: Novatel v4.0 @10 Hz, 1-5 m
Base station Unit: GSMP-35A Potassium Vapour @ 10 Hz

Navigation:

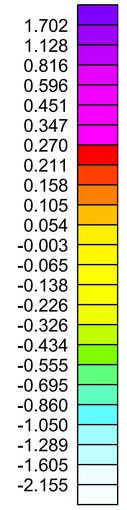
System: CD-GPS (Canadian Differential)
Equipment: Geometrics MagLog
Elevation: Free Flight radar altimeter on bird

Data Processing:

Total Magnetic Field: Diurnal correction, Micro-leveling
Magnetic Gradients: Heading error, Micro-leveling
VLF: DC bias, Line direction

Coordinate System:

Datum: NAD83
Major Axis: 6378737.000
Eccentricity: 0.81819191
Projection: Universal Transverse Mercator Zone 17
Central Meridian: 81°W
Central Scale Factor: 0.9996
False Easting: 500,000 mE



VLF Total Field (Cutler)

pT

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)

GEOLOGUE / GEOLOGIST
MARC BOIVIN # 301
QUÉBEC

Scale 1:20000

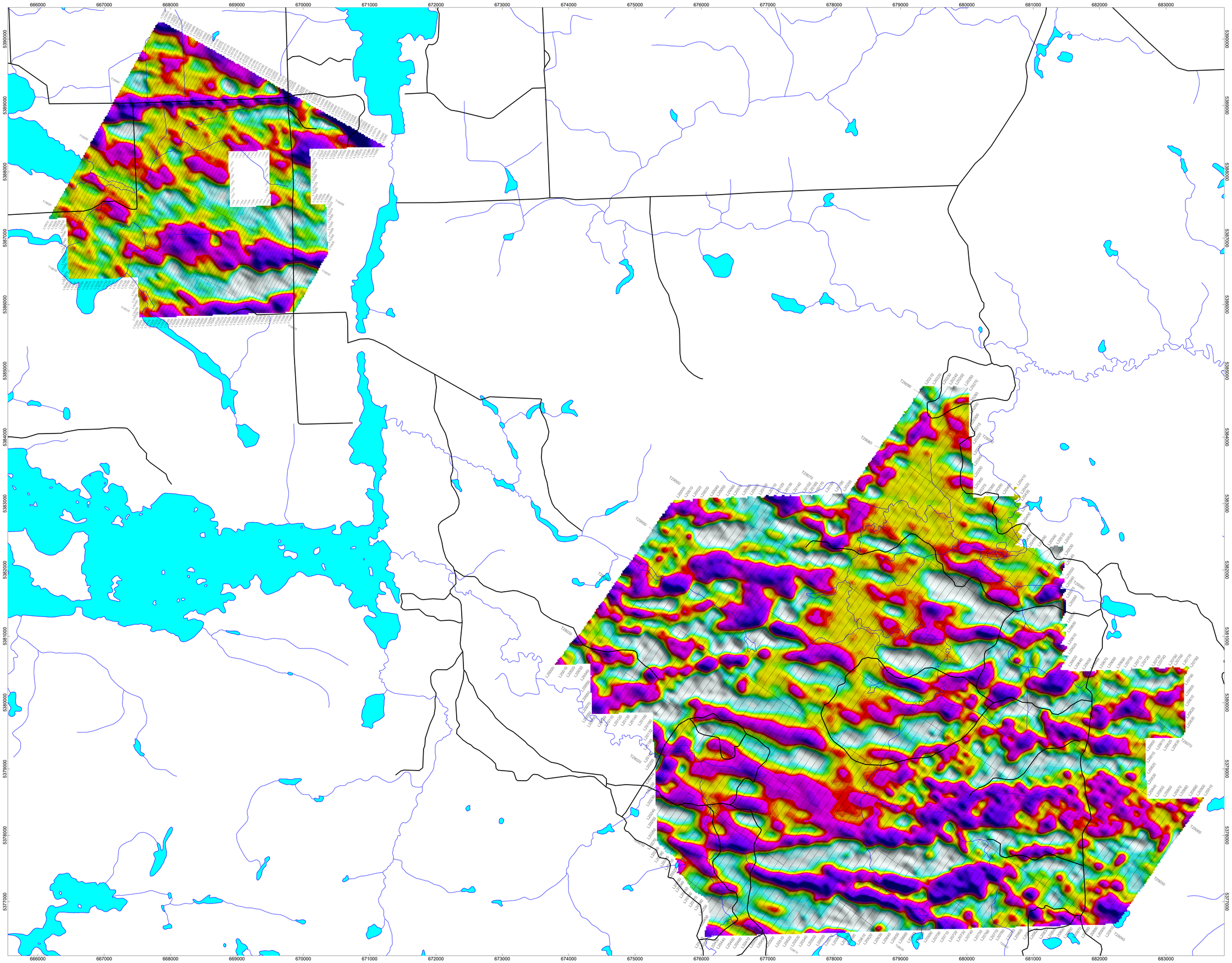
250 0 250 500 750 1000 1250 1500
(meters)
WGS 84 / UTM zone 17N

Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
VLF Total Field (Cutler, Maine, 24.0 kHz)

Survey flown by: KBaranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

MB GEOSOLUTIONS





Scale 1:10,000,000

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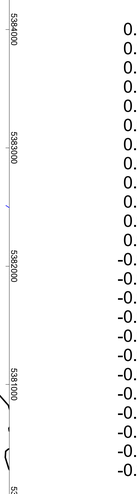
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VLF Total Field (Jim Creek)

pT

Railway
Power Line
Road
Water Body

The topographic base map is derived from 1:50,000 NTDB (NRC Canada)



Scale 1:20000

250 0 250 500 750 1000 1250 1500

(meters)

WGS 84 / UTM zone 17N

Cachée Gold Mines Corp.

Cachée Creek Project
Helicopter-borne magnetic and VLF survey
VLF Total Field (Jim Creek, Washington, 24.8 kHz)

Survey flown by: K8aranda Geophysics Ltd (May 2021)
Data processing by: Marc Boivin, P.Geo. (September 2021)
Data interpretation by: Marc Boivin, P.Geo. (September 2021)

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