EAST SULLIVAN PROPERTY

Bourlamaque River

Mining waste stock pile

Unreliable readings affected by the containment dam

East Sullivan Mine - Sullico (Cu, Zn, Ag)

Au Zone - Nugold-Denn'Or (Au)

Unreliable readings affected by the containment dam

D'Aragon-Copper

Bourlamaque River

Scale 1: 5000

100 0 200 300

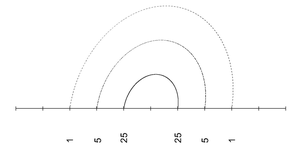
(meters)

NAD83 / MTM zone 9

UAV MAG SURVEY SPECIFICATIONS

Positioning: RT DGPS (acc. = +/- 1.0 m)
Flight line spacing: 25 m
Flight line direction: N0°
Radar altimeter: Laser MLM-120 (acc. +/- 5 cm)
Average MAG sensor elevation above ground: 27.0 m

Elevation



Base level: 0.0 nT
Units: m

Map Projection

Datum: NAD 83
Projection: Modified Transverse Mercator
Central Meridian: 76.5°W (MTM Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 304,800m/0m
Major Axis: 6378137

Elevation (m)

309.0 311.0 312.5 314.0 315.5 317.0 318.5 320.0 321.5 323.0 324.5 326.0 328.0

SULLIDEN MINING CAPITAL
EAST SULLIVAN PROPERTY
BOURLAMAQUE TOWNSHIP, VAL-D'OR

UAV MAG SURVEY
FLIGHT PATH & TOPOGRAPHY
(m)

SULLIDEN MINING CAPITAL

Interpreted by:	Joël Simard, P. Geo./Geoph.	June 2020
Surveyed by:	Vision 4K	May 2020
Approved by:	Joël Simard, P.Geo./Geoph.	May 2020
Reference map: 32C04		Scale 1: 5000
Project no.: 20C-381		Map no.: C381-0

EAST SULLIVAN PROPERTY

Bourlamaque River

Unreliable readings affected by the containment dam

East Sullivan Mine - Sullico (Cu, Zn, Ag)

Au Zone - Nugold-Denn'Or (Au)

Unreliable readings affected by the containment dam

D'Aragon-Copper

Bourlamaque River

Scale 1: 5000

100 0 100 200 300
(meters)
NAD83 / MTM zone 9

Total Field

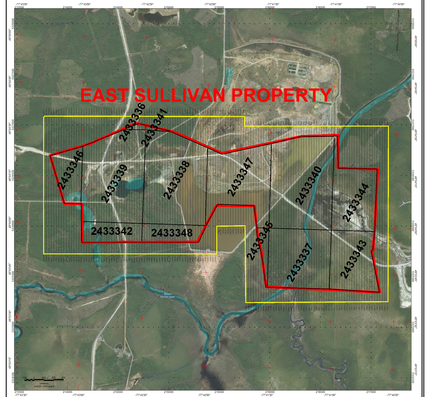
20 100 500 500 100 20

Base level: 0.0 nT
Units: nT
Survey line Instrument(s):
Scintrex CS-VL, Cesium Vapor
Base station instrument:
GEM GSM-19W, cycle of 3 s

Map Projection

Datum: NAD 83
Projection: Modified Transverse Mercator
Central Meridian: 76.5°W (MTM Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 304,800m/0m
Major Axis: 6378137

Total Field
(nT)
54880.0 54980.0 55040.0 55140.0 55240.0 55300.0 55360.0 55420.0 55500.0 55600.0



SULLIDEN MINING CAPITAL
EAST SULLIVAN PROPERTY
BOURLAMAQUE TOWNSHIP, VAL-D'OR

UAV MAG SURVEY
TOTAL FIELD
(nT)

Interpreted by:	Joël Simard, P. Geo./Geoph.	June 2020
Surveyed by:	Vision 4K	May 2020
Approved by:	Joël Simard, P.Geo./Geoph.	May 2020
Reference map: 32C04		Scale 1: 5000
Project no.: 20C-381		Map no.: C381-1A

SULLIDEN MINING CAPITAL

EAST SULLIVAN PROPERTY

Bourlamaque River

Unreliable readings affected by the containment dam

East Sullivan Mine - Sullico (Cu, Zn, Ag)

Au Zone - Nugold-Denn'Or (Au)

Unreliable readings affected by the containment dam

D'Aragon-Copper

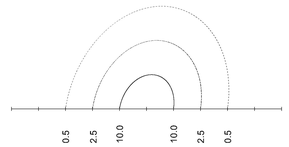
Bourlamaque River

Scale 1: 5000

100 0 100 200 300 (meters)

NAD83 / MTM zone 9

First Vertical Derivative



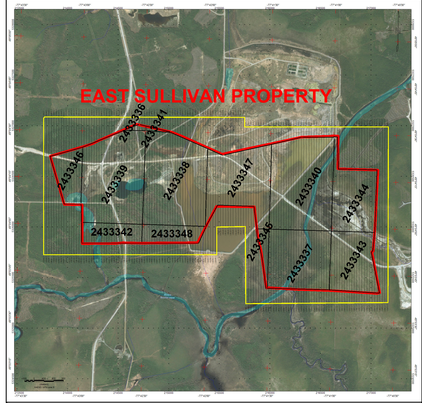
Base level: 0.0 nT
Units: nT/m
Survey line Instrument(s):
Scintrex CS-VL, Cesium Vapor
Base station instrument:
GEM GSM-19W, cycle of 3 s

Map Projection

Datum: NAD 83
Projection: Modified Transverse Mercator
Central Meridian: 76.5°W (MTM Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 304,800m/0m
Major Axis: 6378137

First Vertical Derivative (nT/m)

-3.10 -1.70 -1.20 -0.90 -0.70 -0.50 -0.30 -0.10 0.10 0.30 0.50 0.80 1.30 2.10



SULLIDEN MINING CAPITAL
EAST SULLIVAN PROPERTY
BOURLAMAQUE TOWNSHIP, VAL-D'OR

UAV MAG SURVEY
FIRST VERTICAL DERIVATIVE
(nT/m)

Interpreted by:	Joël Simard, P. Geo./Geoph.	June 2020
Surveyed by:	Vision 4K	May 2020
Approved by:	Joël Simard, P.Geo./Geoph.	May 2020
Reference map: 32C04		Scale 1: 5000
Project no.: 20C-381		Map no.: C381-1B

SULLIDEN MINING CAPITAL

EAST SULLIVAN PROPERTY

Bourlamaque River

Unreliable readings affected by the containment dam

East Sullivan Mine - Sullico (Cu, Zn, Ag)

Au Zone - Nugold-Denn'Or (Au)

Unreliable readings affected by the containment dam

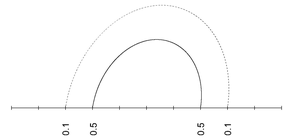
D'Aragon-Copper

Bourlamaque River

Scale 1: 5000

100- 0 100- 200 300-
(meters)
NAD83 / MTM zone 9

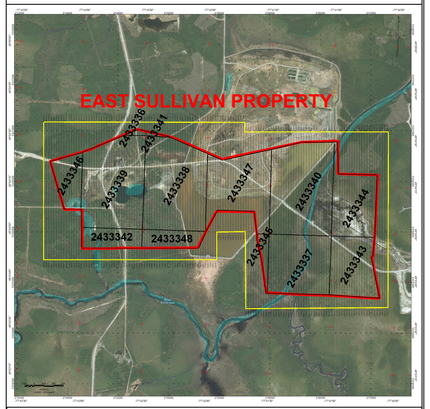
Tilt angle



Base level: 0.0 nT
Units: radians
Survey line Instrument(s):
Scintrex CS-VL, Cesium Vapor
Base station instrument:
GEM GSM-19W, cycle of 3 s

Map Projection
Datum: NAD 83
Projection: Modified Transverse Mercator
Central Meridian: 76.5°W (MTM Zone 9)
Central Scale Factor: 0.9996
False Easting/Northing: 304,800m/0m
Major Axis: 6378137

Tilt angle
(radians)
-1.41 -1.29 -1.19 -1.09 -0.99 -0.88 -0.75 -0.61 -0.45 -0.28 -0.10 0.09 0.28 0.46 0.63 0.78 0.92 1.07 1.24



SULLIDEN MINING CAPITAL
EAST SULLIVAN PROPERTY
BOURLAMAQUE TOWNSHIP, VAL-D'OR

UAV MAG SURVEY
TILT ANGLE
(radians)

Interpreted by:	Joël Simard, P. Geo./Geoph.	June 2020
Surveyed by:	Vision 4K	May 2020
Approved by:	Joël Simard, P.Geo./Geoph.	May 2020
Reference map: 32C04		Scale 1: 5000
Project no.: 20C-381		Map no.: C381-1C

SULLIDEN MINING CAPITAL