Report

Devitt Property

Geochemical Sampling

Prepared for:

C. Villeneuve Construction Co. Ltd.

By

UAV Timmins
190 Quartz Ave,
Timmins, ON
P4N 4L7

March 6, 2015

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Introduction

Devitt Property is held by C. Villeneuve Construction Co. Ltd. from Hearst, Ontario. UAV Timmins was hired on a contract basis to assess the mineral potential of the property.

Property Description

Claim Number **4267005** is a 2-unit claim located in Devitt Township, Porcupine Mining Division, approximately 238km driving distance from Timmins.

Refer to ***Figure 1*** (Location and Access map) and ***Figure 2*** (Sample Location map) for more detailed claim location.

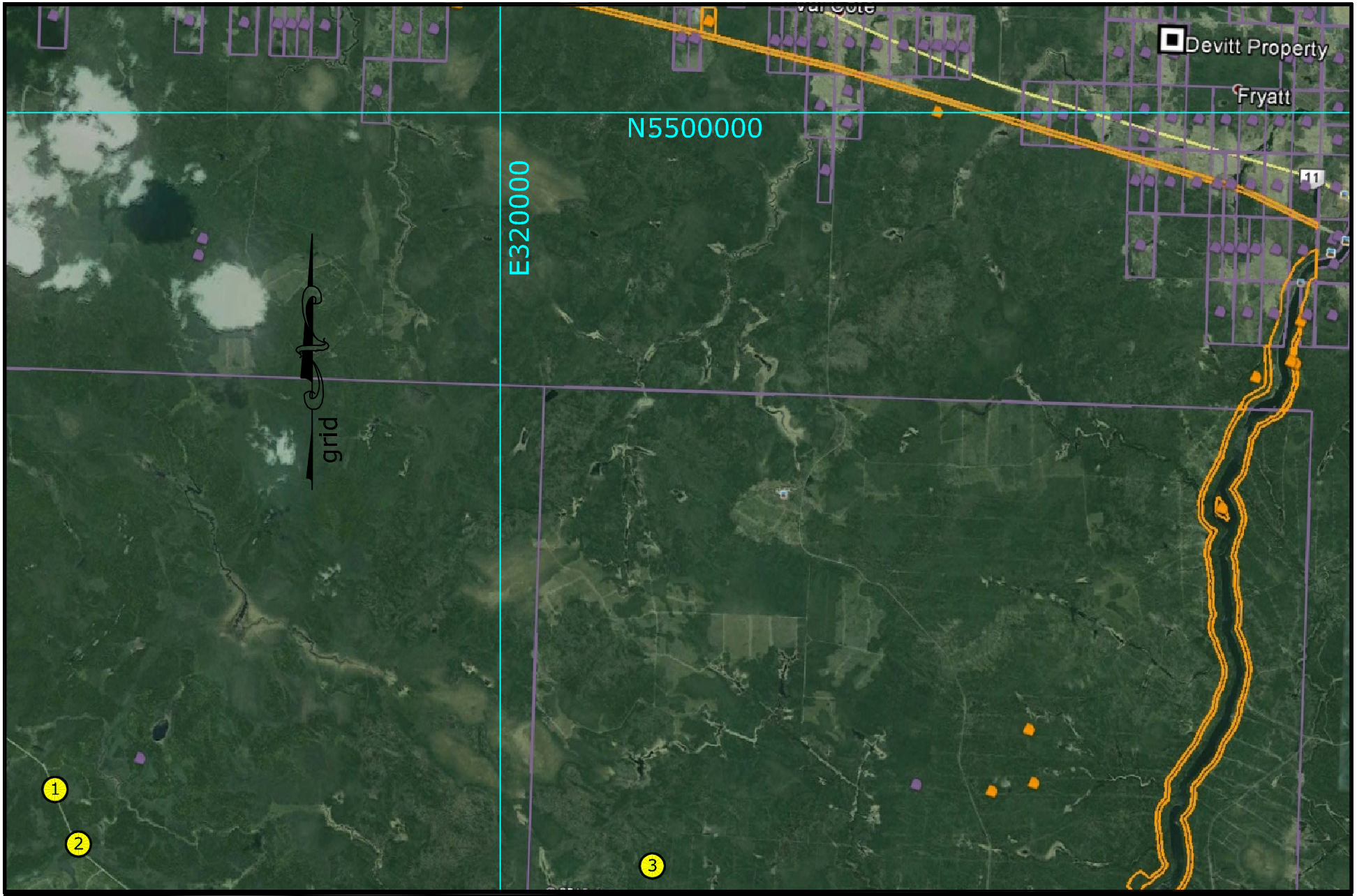
Access

The property was accessed from Timmins by travelling North on HWY 655 to the intersection with HWY 11 at Driftwood, then West on HWY 11 to the property, as shown on ***Figure 1*** (Location and Access map).

Work Program

Background

The ***Mineral Deposits Map*** (next page) presents a summary of nearby mineral deposits according to the Mineral Deposits Inventory database (MDI). UAV Timmins was hired to assess the mineral potential of the property.



Mineral Deposits Map

Credit: This map is a summary based on MDI database. Details are available from the OGS through resources such as OGS Earth.

Scale

0 1 3km

1 OGS Sample 02-JBS-17
Mica
White muscovite potassic pegmatite with blocky K-feldspar (up to 17 cm and coarse-grained muscovite (up to 6cm across).

2 OGS Sample 02-JBS-16
Beryl, Tantalum
Bulk sample of dike returned;

463ppm Rb
98ppm Be
60ppm Ta
29ppm Ga
18ppm Sn

3 Spruce Falls DDH SP-72-1
Copper, Zinc
Assays from diamond drilling returned assays ranging from;
0.02% Zn to 0.14% Zn
0.01% Cu to 0.11% Cu
over 2.5ft.

Coordinates are NAD83, UTM, Zone 17

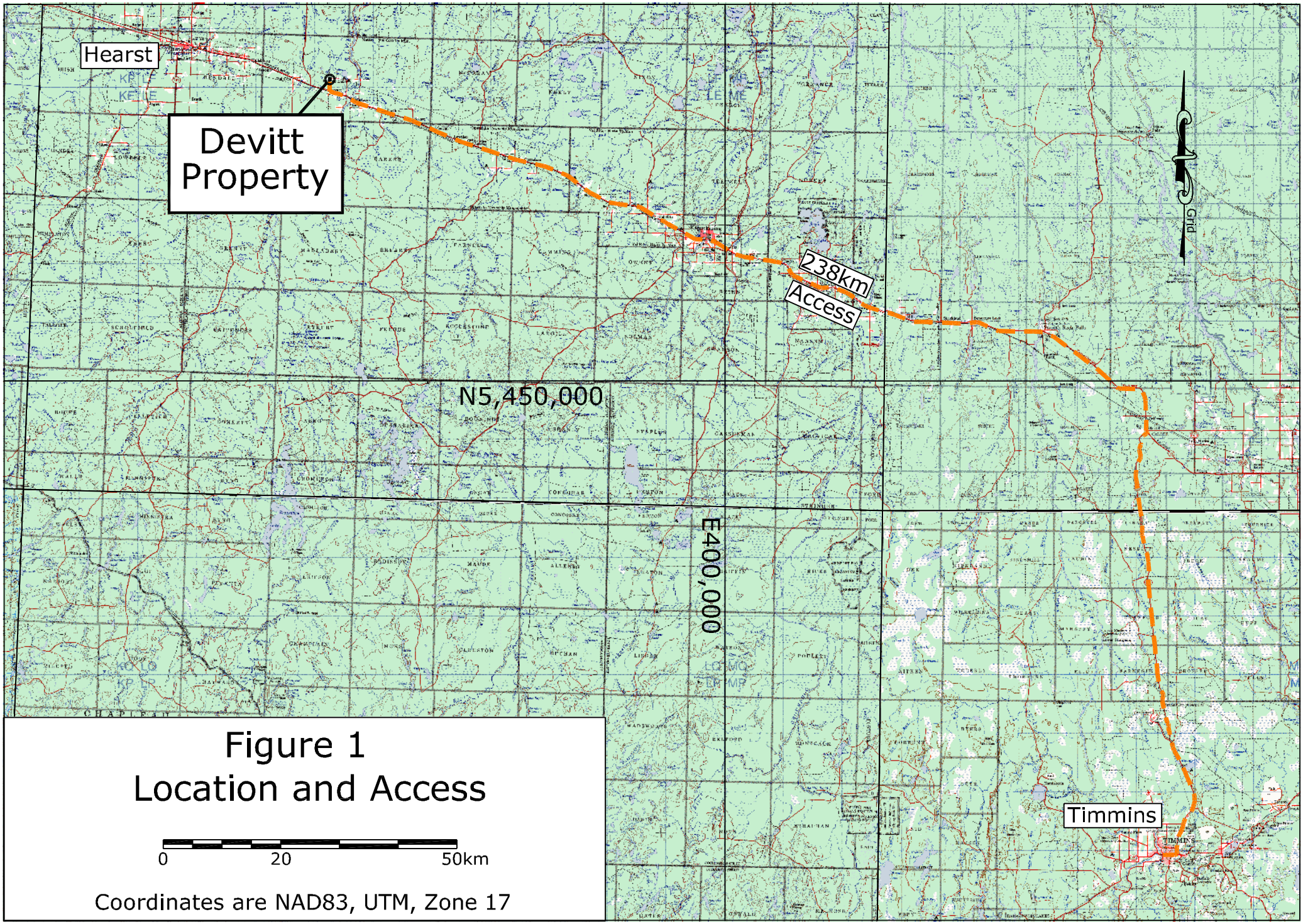


Figure 1
Location and Access

Coordinates are NAD83, UTM, Zone 17

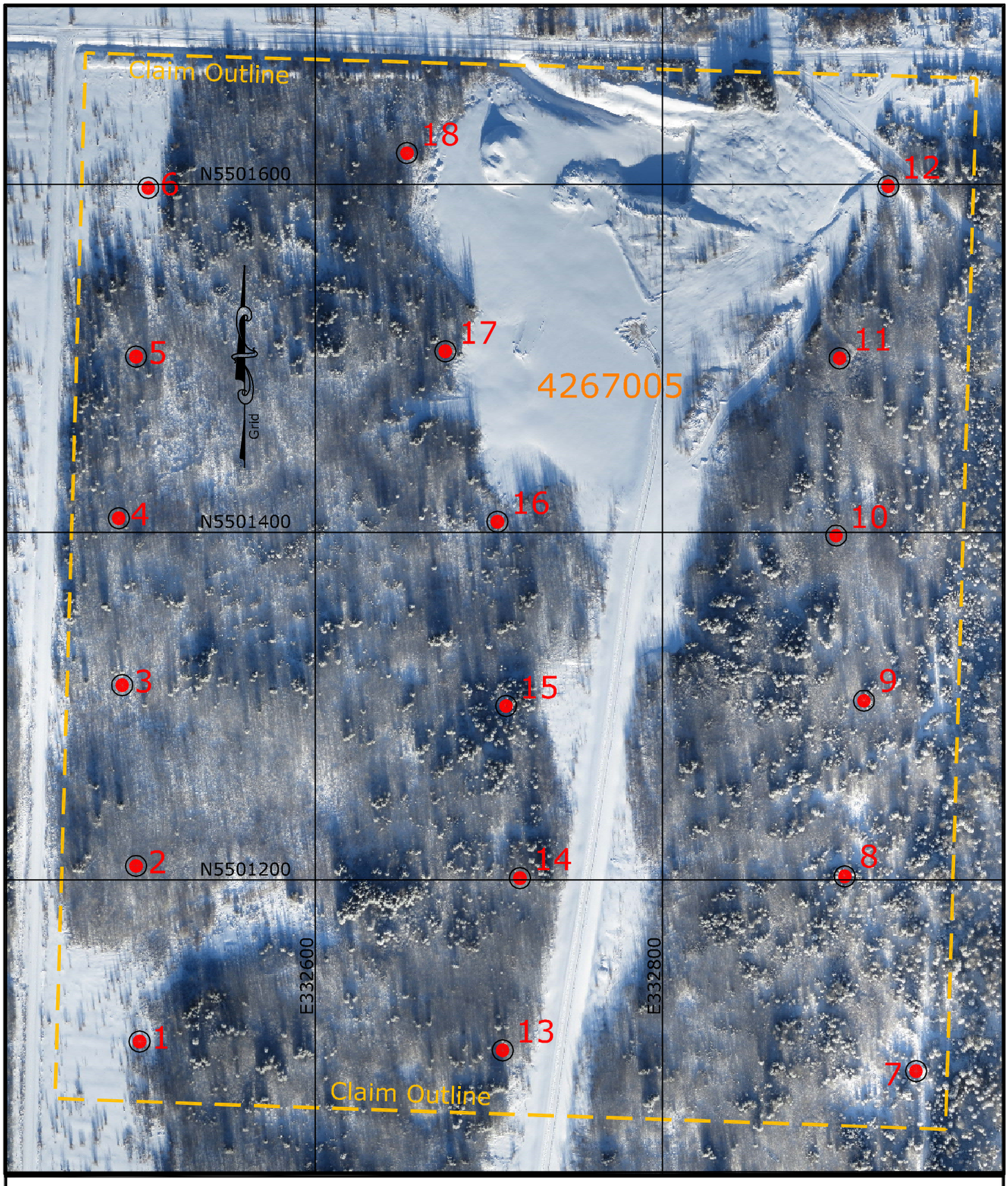


Figure 2
Sample Locations

Scale
0 100 200m

3 Sample Number and Location

N5501200 / E332600 UTM Reference Grid

Coordinates are NAD83, UTM, Zone 17

Work Program …continued

18 samples were retrieved along 3 lines using hand auger. A sample spacing of approximately 100m was used, with lines approximately 200m apart.

Part of the sample area consists of “disturbed ground”, due to past removal of aggregate.

A fixed-wing UAV (eBee model drone, manufactured by Sensefly) was used for taking air photos in order to determine sample locations ahead of time. This allowed samples to be taken from “undisturbed ground”. 147 individual air photos were used to produce a mosaic. The resulting air photo mosaic provides the base map, as presented in ***Figure 2*** (Sample Location Map).

The final configuration is based on a 100m X 200m ideal grid pattern, modified to avoid “disturbed ground” where needed.

Air photo mosaic allowed for better planning

The air photo mosaic provides a current, high-resolution base map that was used to determine the location of samples ahead of time. This eliminated the need for sampling crews to make decisions in the field, with regards to sample location or intended soil type.

Google Earth or other commonly available imagery such as *Microsoft* or *Nokia Satellite* can provide a decent base map for planning and presentation purposes. However, new drone technology is capable of providing the most current imagery at much higher resolution and at low cost.

The ***Comparison Map*** (next page) highlights areas within the sampling grid where Google Earth imagery is out of date and where the Air Photo Mosaic allowed for detailed planning and accurate location of proposed samples.

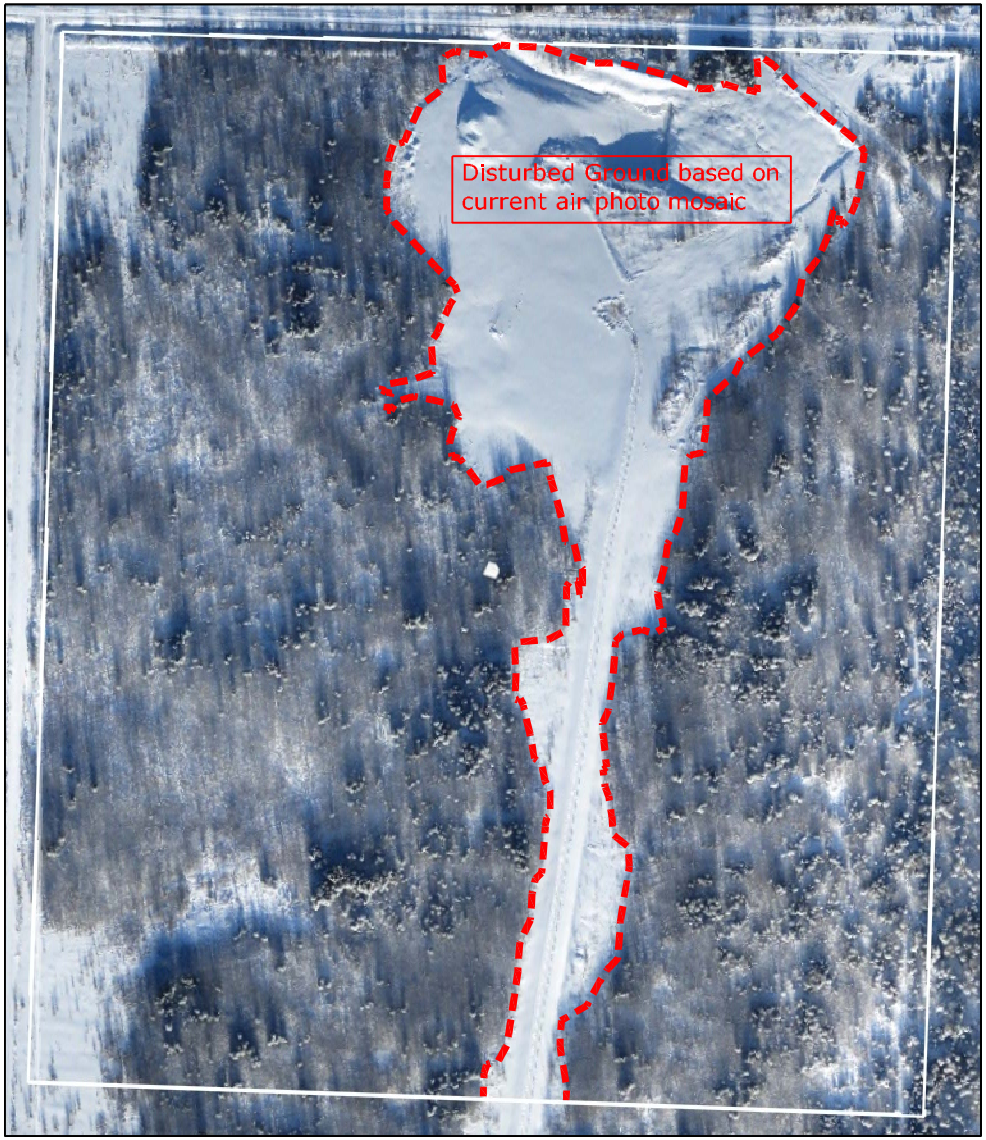
Technical specifications for the eBee drone are included in ***Appendix 1***.
Sample Field Logs and Coordinates can be found in ***Appendix 2***.
The 147 raw image files are listed in ***Appendix 5***.

Refer to ***Figure 2*** (Sample Location map) for sample locations.

Comparison Map

Google Earth

Air Photo Mosaic



Work Program …continued

Field work (air photos) took place on December 10, 2014.
The access road from Hwy 11 into the claim was plowed to allow truck access and heated work environment for operating the drone using laptop computer. The plowed road and truck is visible on the air photo mosaic.

Data processing, air photo mosaic and grid design took place on December 11, 2014.

Field work (sample collection) was carried out on January 9th, 2015 with field crew provided by *All Terrain Exploration*, from Timmins ON.

An Argo equipped with tracks was used to transport crew and equipment into the property from Hwy 11, as the 2km access road was no longer plowed or drivable.

Argo at sample site DE-18

Methods

Hand Auger Sampling

Samples were gathered using portable hand auger gear with detachable T-handle and bit with individual 3ft rod sections held together with bayonet style coupler.

Photo showing typical hand auger gear

Material Handling

18 soil samples were delivered to Actlabs Timmins, on January 28th, 2015 for trace element geochemical analysis using AR-ICP (aqua regia digestion followed by ICP-OES analysis – Actlabs Code 1E3).

Results

Analysis

Actlabs employs ICP-OES to provide trace element scans for virtually all types of economic mineralization.

Results from Actlabs analysis can be found in ***Appendix 3***.

Background Reference

UAV Timmins (formerly True North Mineral Laboratories) maintains a database that contains multi-element data for overburden samples taken from across Northeastern Ontario. Comments below use the database as a background reference.

For the purpose if this report, a subset of data containing 459 overburden samples was extracted from the main database for comparison. Other sample types (such as rock samples) were excluded.

Nickel

In the regional database, most of the 459 samples have Ni values ranging between 9 and 30ppm. 30 of the comparative samples had Ni values greater than 63ppm. The highest Ni value in the regional database is 372ppm.

On a regional scale, Nickel values from overburden tend to either fall in the low background range (between 9 and 30ppm) – or suddenly jump to higher and possibly more meaningful values between 63ppm and 372ppm.

Samples from the current program range between 18 and 50ppm Ni.

Results from the 18 samples provide meaningful / contourable values with regards to nickel.

Nickel results have been colourized as presented on ***Figure 3***.
Analytical results can be found in ***Appendix 3***.

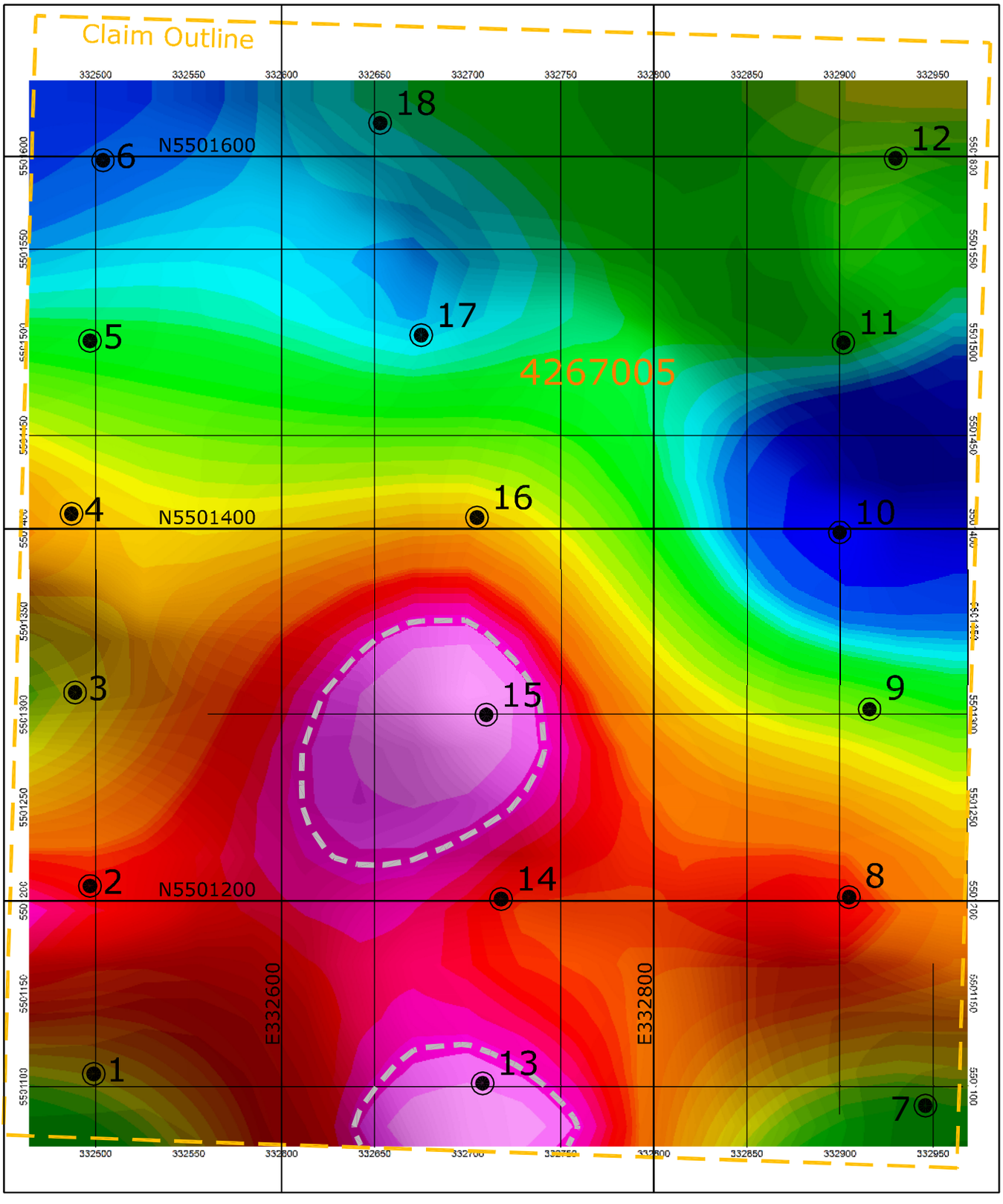


Figure 3
Nickel Values

Scale
0 100 200m

Grid

3 Sample Number and Location

Anomalous Nickel

Low Nickel

Anomaly Outline

Coordinates are NAD83, UTM, Zone 17

Zinc

In the regional database, most of the 459 samples have Zn values ranging between 5 and 50ppm. 30 of the comparative samples had Zn values greater than 79ppm. The highest Zn value in the regional database is 191ppm.

On a regional scale, Zinc values from overburden tend to either fall in the low background range (between 5 and 50ppm) – or suddenly jump to higher and possibly more meaningful values between 79ppm and 191ppm.

Four (4) samples from the current program exceed 79ppm Zn.

Results from the other 14 samples provide meaningful / contourable values with regards to zinc.

Zinc results have been colourized as presented on ***Figure 4***.
Analytical results can be found in ***Appendix 3***.

Copper

In the regional database, most of the 459 samples have Cu values ranging between 5 and 50ppm. 59 of the comparative samples had Cu values greater than 70ppm. The highest Cu value in the regional database is 524ppm.

On a regional scale, Copper values from overburden tend to either fall in the low background range (between 5 and 50ppm) – or suddenly jump to higher and possibly more meaningful values between 70ppm and 524ppm.

Samples from the current program range between 12 and 55ppm Cu.

Results from the 18 samples provide meaningful / contourable values with regards to copper.

Copper results have been colourized as presented on ***Figure 5***.
Analytical results can be found in ***Appendix 3***.

Other Elements

None of the other elements (as found in ***Appendix 3***) were anomalous.

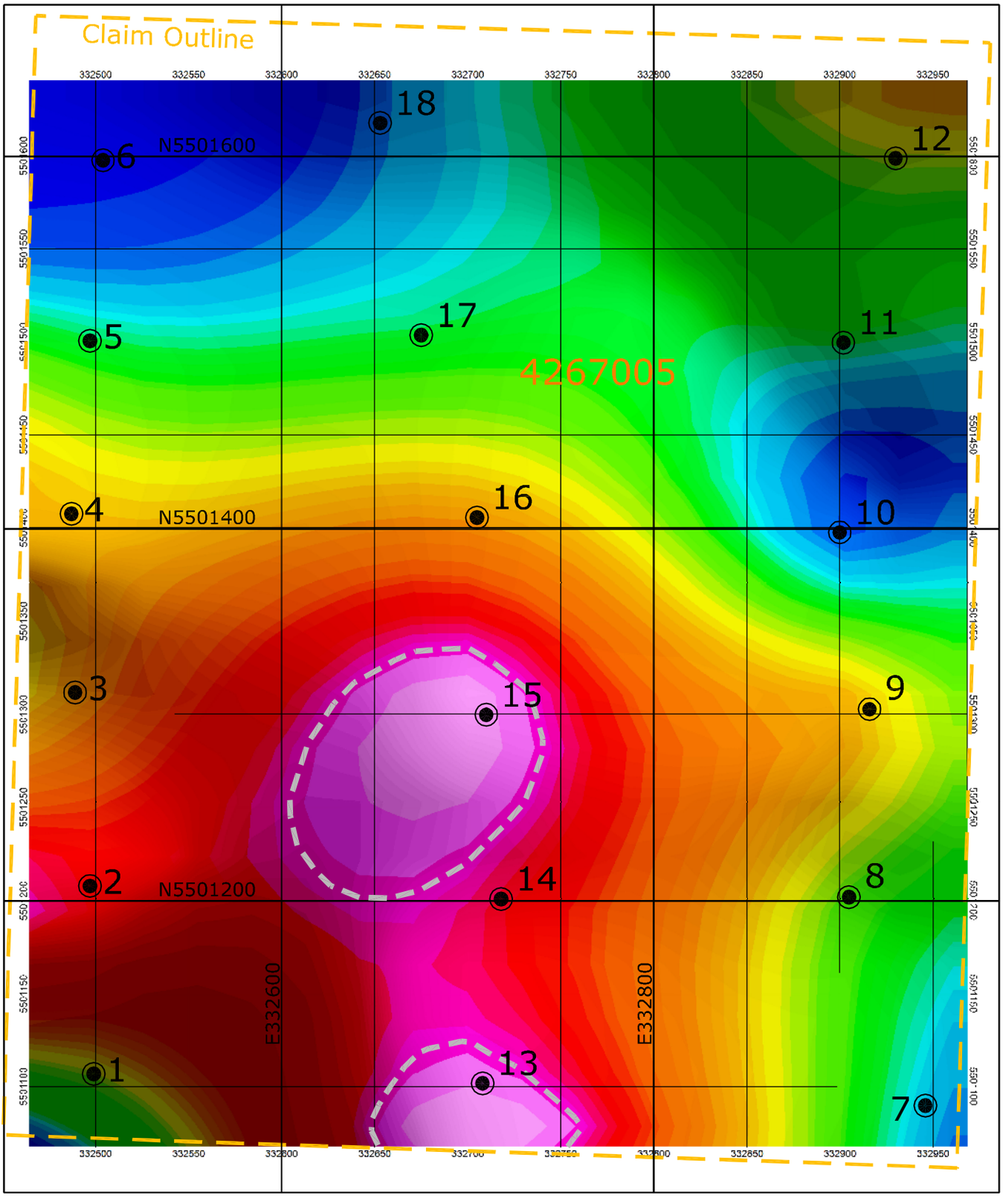


Figure 4
Zinc Values

Coordinates are NAD83, UTM, Zone 17

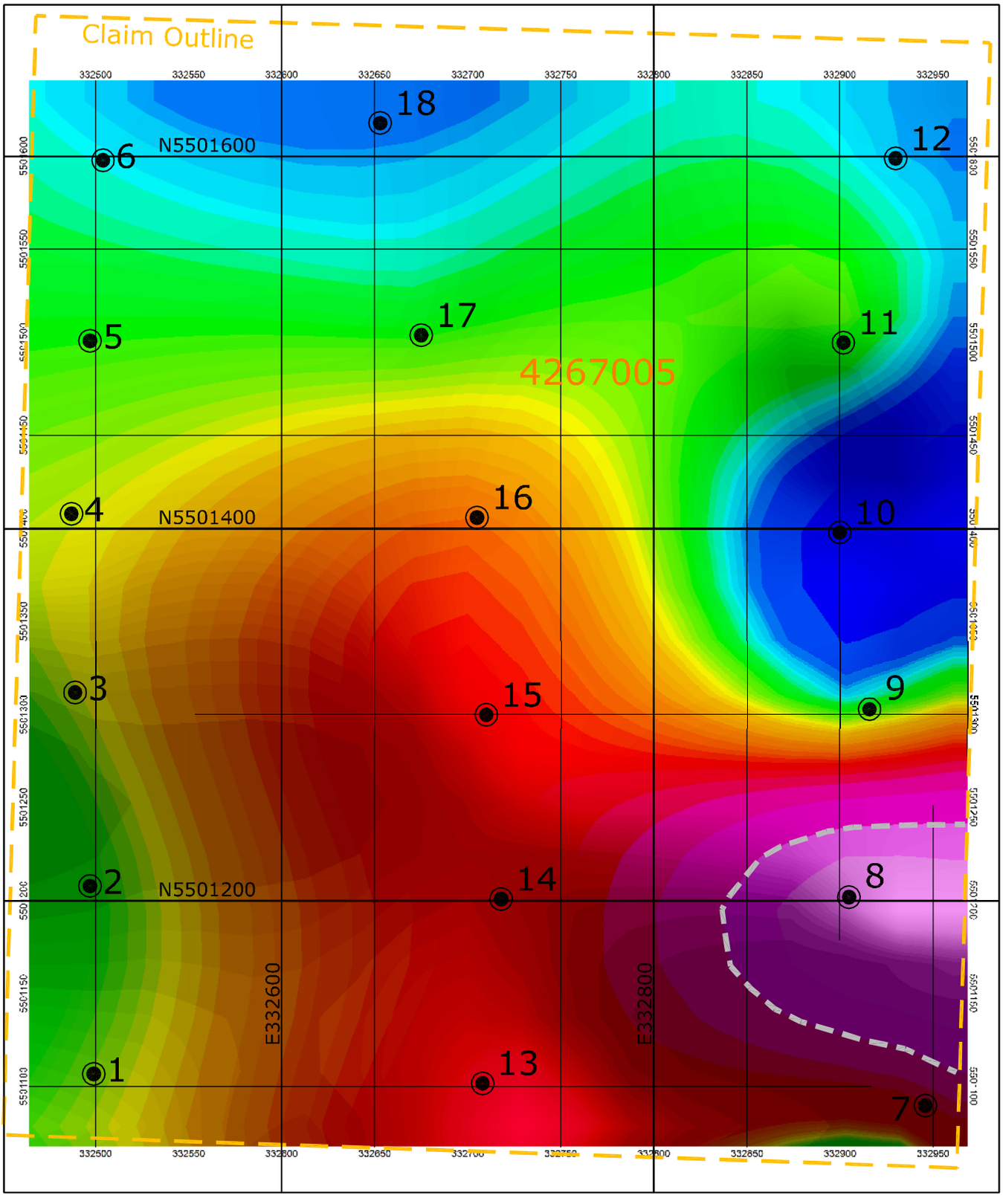


Figure 5
Copper Values

Scale
0 100 200m

Grid

3 Sample Number and Location

Anomalous Copper

Low Copper

Anomaly Outline

Coordinates are NAD83, UTM, Zone 17

Interpretation

Figure 6 presents anomalous Ni, Zn and Cu areas, overlaid onto air photo mosaic.

Recommendations

Anomalous Ni, Zn and Cu values identified by the current program may indicate a local bedrock source for Nickel, Zinc or Copper.

Future exploration could focus on areas outlined in ***Figure 6***, as it may be possible to expose the bedrock source of the Ni / Zn / Cu anomalies through stripping or trenching.

Future work could include gold assay on the 18 samples, as there is adequate material left over.

Other work, such as a magnetometer survey may help to shed light on the properties and geological structure of local bedrock.

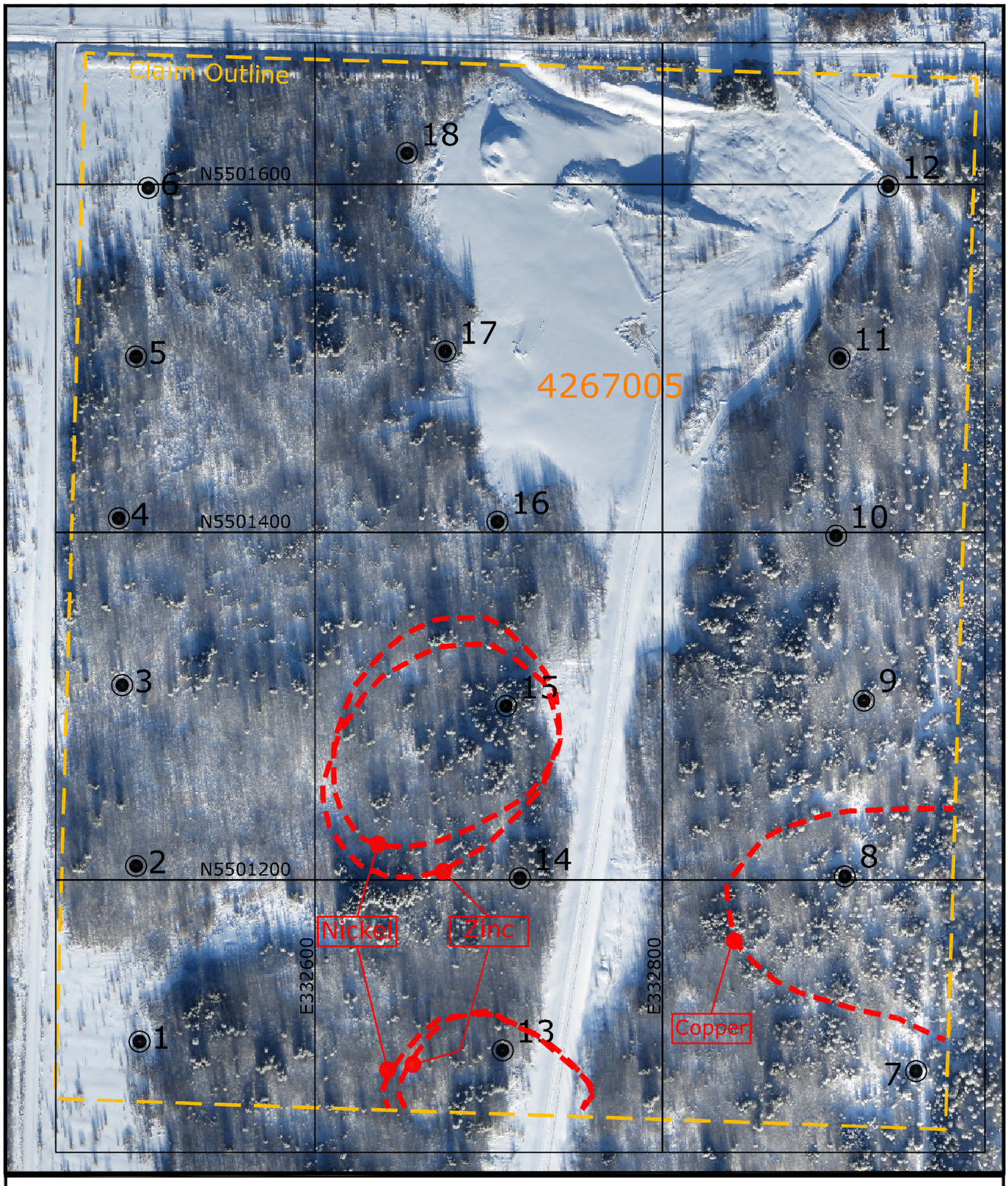


Figure 6
Interpretive Map

Scale
0 100 200m

Grid

3 Sample Number and Location

Anomaly Outlines
(Nickel, Zinc and Copper)

Coordinates are NAD83, UTM, Zone 17

APPENDIX 1

Ebee Technical Specs

eBee

senseFly

The **professional** mapping tool

eBee

senseFly

The **eBee** is the **easiest-to-use, fully autonomous** mini-drone on the market.

Our drone is a **turn-key solution and includes all the accessories required for operation**, as well as our control and monitoring software **eMotion 2** and our image processing software **Postflight Terra 3D-EB**.

CARRY-ON
Sized Case

INTUITIVE
Planning & Control

PROFESSIONAL
Mapping Software

Modular design for easy transport

The eBee fits into a single box and is easy to transport, due to its detachable and replaceable wings.

The **eBee** has a modular design, allowing the wings to be disassembled and stored along with the central body and all its accessories in a small case. The case is so small and lightweight that you can even take it as cabin baggage (IATA guidelines).

The eBee will accompany you on all your projects.

[Carry-on sized case]

[Modular structure]

Inherently safer design

At less than 700g (1.5lbs) the eBee is one of the lightest drones on the market.

With its flexible foam airframe and its rear-mounted propeller our drone is designed to enhance the safety of the operation.

Exceptionally lightweight, the eBee can be launched by hand.

Autopilot & artificial Intelligence

Our proprietary autopilot, at the core of all our products, is the result of years of research and development.

The **eBee** takes off, flies and lands autonomously. The artificial intelligence incorporated in the **senseFly** autopilot continuously analyzes data from the Inertial Measurement Unit and the onboard GPS and takes care of all aspects of the flight mission.

Ground sensing & linear landing

The eBee's ground sensor is composed of a high-speed optical sensor and lens that can estimate the distance to the ground with high accuracy.

This sensor helps the **eBee** land gently using an autonomous linear landing procedure in a variety of terrains and with more precision than is possible with GPS alone.

Technical specifications

- 96cm wingspan
- Less than 700g (1.5lbs) take-off weight
- Lithium polymer battery powered
- 45 minutes of flight
- 36-57km/h (10-16m/s) cruise speed
- Up to 45km/h (12m/s) wind resistance
- Ground sensor and reverse engine technology for linear landing
- Up to 3km radio link
- 16MP camera, electronically integrated and controlled
- On-board data logging
- Covers areas up to 10km^2
- Down to 3cm Orthomosaic accuracy
- Down to 5cm Digital Elevation Model (DEM) accuracy
- 3D flight planning and visualization
- Flight simulator
- Real time mission update and control
- Multiple drones operation capable (with midair collision avoidance)
- Easy data management system (geotag images, create KML files and memorize flight history)

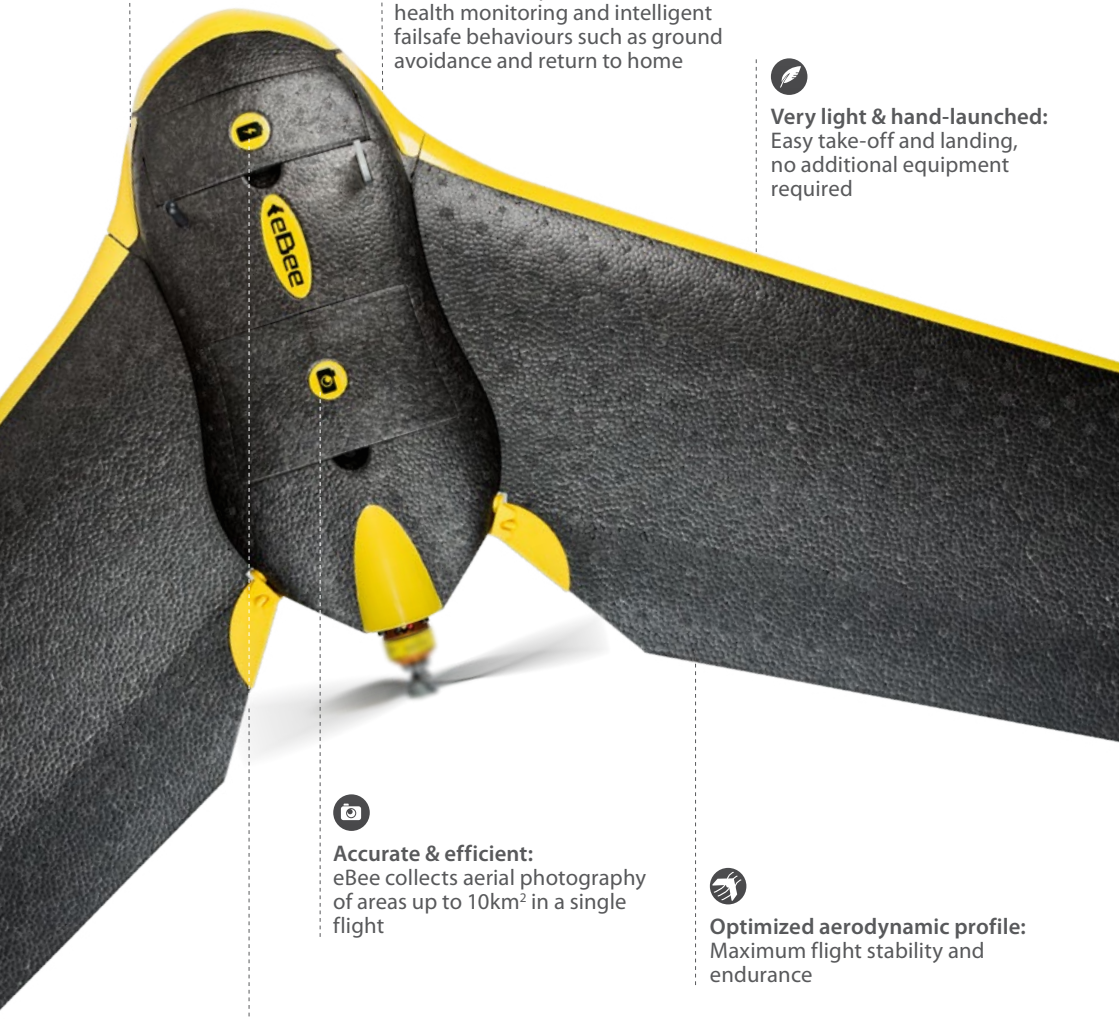
Package contents

- eBee central body complete system with senseFly's built-in autopilot & all electronics (ready to fly)
- Pair of detachable wings
- Still camera (includes memory card, battery, USB cable and charger)
- 2.4 GHz USB radio modem for data link (includes USB cable)
- Lithium-Polymer battery packs (includes charger)
- Spare propeller
- Carrying case with foam protection
- Remote control & its accessories for safety pilots (if legally required)
- User manual
- Software access codes & license keys (eMotion 2, Postflight Terra 3D-EB)

Fully autonomous:
Our drone flies by itself, from take-off to landing

Automatic safety & emergency procedures: Includes wing detection, complete sensor health monitoring and intelligent failsafe behaviours such as ground avoidance and return to home

Very light & hand-launched:
Easy take-off and landing, no additional equipment required

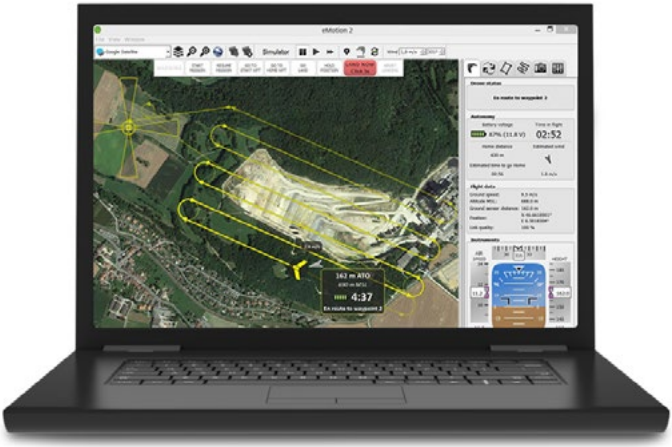


Accurate & efficient:
eBee collects aerial photography of areas up to 10km^2 in a single flight

Optimized aerodynamic profile:
Maximum flight stability and endurance

Electric powered:
Low noise level, no pollution

eMotion 2, intuitive planning & control



eMotion 2
senseFly

Quick to learn and easy to use, **senseFly's intuitive ground station software eMotion 2 lets you plan, simulate, monitor and control the trajectory of the eBee both before and during flight. eMotion 2** is capable of controlling and coordinating multiple drones simultaneously.

01 **Plan:** Draw a polygon over the area of interest, define ground resolution and image overlap. A 3D flight plan is automatically calculated and displayed to preview the mission plan.

02 **Simulate:** Fly the mission virtually and simulate wind strength and direction. Check your flight plan and save it for future use.

03 **Monitor:** Monitor the drone's flight parameters, battery level and image acquisition during a flight in real time and receive status messages and warning.

04 **Control:** Update or reprogram the flight plan and landing location while it is in flight and send direct commands to the drone.

Once landed an automated data management allows **image geotagging and mission parameters recording.**

eMotion2 and Postflight Terra 3D-EB available for download and use at no extra charge

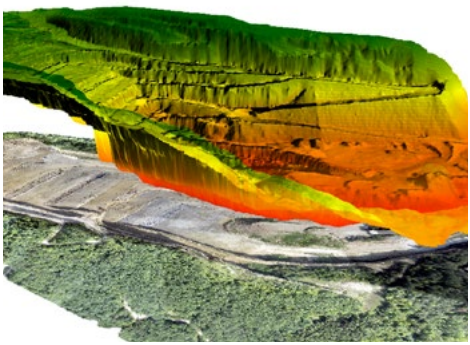
Professional mapping software

Postflight Terra 3D-EB is a professional photogrammetry software that runs on your desktop computer or laptop and processes aerial imagery into 2D maps and 3D models with centimetre accuracy with just a couple of clicks.

To enhance results, **Postflight Terra 3D-EB** includes tools for seamline editing and brightness control.

Before launching full processing, **Postflight Terra ED-EB** allows quick check of image overlap and calculate a rough orthomosaic at 25% of original image resolution while in the field. Such quick maps are perfect as background for precise flight planning in **eMotion 2**.

Postflight Terra 3D
Powered by Pix4D



[Centimetre reconstruction accuracy]

www.spatialtechnologies.ca

info@spatialtechnologies.ca
+1 (877) 252-0070

senseFly

www.sensefly.com

senseFly Ltd
11, ch. de la Venoge
1024 Ecublens, Switzerland

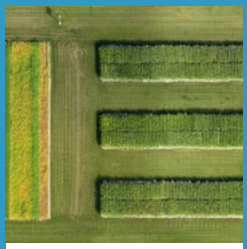
Swiss made

About senseFly: senseFly designs, assembles and markets autonomous mini-drones and related software solutions for civil professional applications such as accurate mapping of mining sites, quarries, forests, construction sites, crops, etc.

Parrot

A Parrot company: In summer 2012 senseFly became a member of the Parrot group.

Experienced Worldwide



Agriculture
Canada

Disaster Management
Haiti

Surveying
Switzerland

Animal Observation
Indonesia

Land Fill Survey
Chile

Forestry Conservation
Côte d'Ivoire

Environmental
Management Chad

Mining
Australia

EN

Parrot

senseFly is a Parrot company

APPENDIX 2 - Sample Field Logs				
Project: Devitt Property				
Sampled by: All Terrain Exploration				
Method: Hand Auger				
Sample #	Easting	Northing	Depth	Comments
DE-1	332499	5501107	90cm	10cm organic. Grey-brown clay. Alder.
DE-2	332497	5501208	60cm	3cm organic. Brown clay. Poplar.
DE-3	332489	5501312	90cm	10cm organic. Brown clay. Poplar.
DE-4	332487	5501408	90cm	10cm organic. Brown clay. Poplar, Birch.
DE-5	332497	5501501	90cm	10cm organic. Brown clay. Poplar, Spruce.
DE-6	332504	5501598	120cm	10cm organic. Brown clay. Tamarack / open area.
DE-7	332946	5501090	90cm	5cm organic. Grey-brown clay. Poplar, Spruce.
DE-8	332905	5501202	60cm	10cm organic. Grey-brown clay. Poplar, Spruce.
DE-9	332916	5501303	90cm	10cm organic. Grey-brown clay. Poplar, Spruce.
DE-10	332900	5501398	90cm	10cm organic. Grey-brown clay. Poplar, Spruce.
DE-11	332902	5501500	90cm	5cm organic. Brown clay. Poplar, Spruce.
DE-12	332930	5501599	50cm	5cm organic. Brown clay. Poplar, Spruce.
DE-13	332708	5501102	30cm	10cm organic. Brown clay. Poplar, Spruce.
DE-14	332718	5501201	30cm	10cm organic. Brown clay. Poplar, Spruce.
DE-15	332710	5501300	30cm	10cm organic. Brown clay. Poplar, Spruce.
DE-16	332705	5501406	120cm	90cm organic. Brown clay. Poplar, Spruce.
DE-17	332675	5501504	90cm	60cm organic. Brown clay. Poplar, Spruce.
DE-18	332653	5501618	90cm	60cm organic. Brown clay. Poplar, Spruce.

APPENDIX 3

Actlabs Results

Date Submitted: 28-Jan-15
Invoice No.: A15-00562
Invoice Date: 23-Feb-15
Your Reference: DEVITT

Kevin Cool
190 Quartz Ave
Timmins ON P4N 4L7
Canada

ATTN: Kevin Cool

CERTIFICATE OF ANALYSIS

18 Soil samples were submitted for analysis.

The following analytical package was requested: Code 1E3-Timmins Aqua Regia ICP(AQUAGEO)

REPORT **A15-00562**

Notes:
Values which exceed the upper limit should be assayed for accurate numbers.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
1752 Riverside Drive, Timmins, Ontario, Canada, P4R 1N1
TELEPHONE +705 264-0123 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Timmins@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Results

Analyte Symbol	Th	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	20	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
DE-1	< 20	< 0.2	< 0.5	22	888	< 1	40	11	66	2.89	3	21	171	1.0	< 2	2.29	15	64	3.51	10	< 1	0.53	38
DE-2	< 20	< 0.2	< 0.5	21	756	< 1	46	12	83	3.78	4	23	199	1.2	< 2	1.00	19	83	4.09	10	< 1	0.62	29
DE-3	< 20	< 0.2	< 0.5	23	746	< 1	40	12	72	3.33	6	21	193	1.1	< 2	0.95	17	72	3.62	10	< 1	0.56	33
DE-4	< 20	< 0.2	< 0.5	23	771	< 1	42	12	71	3.29	3	22	199	1.2	< 2	0.93	16	71	3.55	10	< 1	0.58	40
DE-5	< 20	< 0.2	< 0.5	20	440	< 1	31	8	55	2.63	3	18	135	0.9	< 2	3.74	11	54	2.98	< 10	< 1	0.40	33
DE-6	< 20	< 0.2	< 0.5	18	405	< 1	26	5	37	1.81	4	18	102	0.6	< 2	7.68	8	40	2.29	< 10	< 1	0.34	23
DE-7	< 20	< 0.2	< 0.5	26	539	< 1	35	8	55	2.63	4	24	152	0.9	< 2	7.76	12	57	3.27	10	< 1	0.57	30
DE-8	< 20	< 0.2	< 0.5	55	437	< 1	46	11	62	3.76	4	21	273	1.3	< 2	2.10	13	76	3.88	10	< 1	0.50	47
DE-9	< 20	< 0.2	< 0.5	18	670	< 1	37	11	72	3.19	4	21	185	1.1	< 2	0.94	15	71	3.52	10	< 1	0.53	36
DE-10	< 20	< 0.2	< 0.5	12	521	< 1	18	6	47	1.70	2	11	106	0.6	< 2	1.32	8	39	2.02	< 10	< 1	0.25	24
DE-11	< 20	< 0.2	< 0.5	21	545	< 1	33	9	57	2.80	3	18	159	0.9	< 2	0.99	13	61	3.24	< 10	< 1	0.46	33
DE-12	< 20	< 0.2	< 0.5	17	746	< 1	37	10	66	3.16	3	22	187	1.1	< 2	1.10	14	69	3.54	10	< 1	0.56	35
DE-13	< 20	< 0.2	< 0.5	31	555	< 1	48	11	87	3.85	3	29	239	1.3	< 2	1.52	18	85	4.31	10	< 1	0.76	39
DE-14	< 20	< 0.2	< 0.5	30	551	< 1	45	11	83	3.60	4	29	219	1.2	< 2	3.34	16	78	4.09	10	< 1	0.73	38
DE-15	< 20	< 0.2	< 0.5	31	723	< 1	50	12	90	4.10	3	31	252	1.4	< 2	2.92	18	87	4.51	20	< 1	0.81	39
DE-16	< 20	< 0.2	< 0.5	28	611	< 1	42	10	73	3.45	4	29	210	1.2	< 2	4.25	16	75	3.94	10	< 1	0.72	33
DE-17	< 20	< 0.2	< 0.5	20	544	< 1	28	8	57	2.76	4	13	174	1.0	< 2	1.37	11	57	2.97	< 10	< 1	0.30	41
DE-18	< 20	< 0.2	< 0.5	16	491	< 1	30	9	50	2.61	3	14	136	0.9	< 2	0.67	12	57	2.97	< 10	< 1	0.35	32

Results

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
DE-1	1.66	0.057	0.050	0.01	2	7	46	0.19	< 1	< 2	< 10	68	< 10	13	10
DE-2	1.43	0.059	0.041	< 0.01	< 2	8	41	0.22	< 1	< 2	< 10	82	< 10	9	11
DE-3	1.24	0.058	0.048	0.01	< 2	7	43	0.22	1	< 2	< 10	75	< 10	11	11
DE-4	1.20	0.061	0.037	< 0.01	2	8	44	0.21	1	< 2	< 10	73	< 10	13	14
DE-5	1.63	0.048	0.039	0.02	< 2	6	46	0.14	1	< 2	< 10	55	< 10	12	7
DE-6	2.52	0.047	0.038	< 0.01	< 2	5	59	0.12	1	< 2	< 10	41	< 10	10	9
DE-7	2.60	0.062	0.045	< 0.01	3	6	68	0.16	2	< 2	< 10	59	< 10	10	7
DE-8	1.53	0.056	0.054	0.02	3	8	60	0.19	4	< 2	< 10	93	< 10	16	17
DE-9	1.22	0.053	0.047	0.01	2	8	41	0.21	1	< 2	< 10	71	< 10	12	8
DE-10	0.62	0.037	0.041	0.03	< 2	4	33	0.13	2	< 2	< 10	43	< 10	10	5
DE-11	1.04	0.048	0.038	0.02	< 2	7	38	0.19	< 1	< 2	< 10	66	< 10	11	8
DE-12	1.20	0.055	0.048	0.02	< 2	7	41	0.20	< 1	< 2	< 10	69	< 10	12	10
DE-13	1.71	0.064	0.046	0.01	< 2	8	43	0.20	< 1	< 2	< 10	81	< 10	13	15
DE-14	2.05	0.065	0.047	0.01	3	8	50	0.19	< 1	< 2	< 10	76	< 10	12	16
DE-15	1.91	0.065	0.049	0.02	3	8	51	0.21	1	< 2	< 10	83	< 10	12	15
DE-16	2.12	0.067	0.045	0.01	< 2	8	53	0.19	4	< 2	< 10	74	< 10	11	17
DE-17	0.90	0.042	0.032	0.02	< 2	6	34	0.15	3	< 2	< 10	59	< 10	15	7
DE-18	0.90	0.042	0.040	< 0.01	< 2	6	34	0.19	< 1	< 2	< 10	61	< 10	10	8

QC

Analyte Symbol	Th	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
Lower Limit	20	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	< 20	29.4	1.8	1140	819	14	30	589	688	0.34	380	17	325	0.8	1420	0.78	5	7	21.4	< 10	3	0.03	< 10
GXR-1 Cert	2.44	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-1 Meas	< 20	29.0	1.9	1110	810	14	28	589	684	0.34	368	16	542	0.8	1390	0.78	5	7	21.2	< 10	3	0.03	< 10
GXR-1 Cert	2.44	31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.050	7.50
GXR-4 Meas	< 20	3.8	< 0.5	6480	147	313	38	41	70	2.88	106	< 10	43	1.4	16	0.96	13	56	3.01	10	< 1	1.95	53
GXR-4 Cert	22.5	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-4 Meas	< 20	3.7	< 0.5	6220	142	307	37	40	69	2.75	102	< 10	47	1.4	15	0.94	13	54	2.91	10	< 1	1.85	51
GXR-4 Cert	22.5	4.0	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5
GXR-6 Meas	< 20	0.3	< 0.5	71	1110	2	23	93	126	7.42	246	< 10	1120	0.9	< 2	0.14	13	82	5.54	20	2	1.31	< 10
GXR-6 Cert	5.30	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
GXR-6 Meas	< 20	0.3	< 0.5	71	1110	3	23	92	126	7.44	230	< 10	1120	0.9	< 2	0.14	13	82	5.55	20	2	1.32	< 10
GXR-6 Cert	5.30	1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9
SAR-M (U.S.G.S.) Meas	< 20	3.3	5.5	333	5150	13	41	1040	1020	1.26	42		255	1.1	< 2	0.32	11	94	2.80	< 10		0.33	51
SAR-M (U.S.G.S.) Cert	17.2	3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
SAR-M (U.S.G.S.) Meas	< 20	3.3	5.6	334	5160	13	41	1040	1020	1.26	42		255	1.1	< 2	0.32	11	94	2.81	< 10		0.33	51
SAR-M (U.S.G.S.) Cert	17.2	3.64	5.27	331.0000	5220	13.1	41.5	982	930.0	6.30	38.8		801	2.20	1.94	0.61	10.70	79.7	2.99	17		2.94	57.4
DE-18 Orig	< 20	< 0.2	< 0.5	16	492	< 1	30	9	50	2.63	2	14	136	0.9	< 2	0.67	12	56	2.98	< 10	< 1	0.36	33
DE-18 Dup	< 20	< 0.2	< 0.5	16	491	< 1	29	9	50	2.59	4	14	135	0.9	< 2	0.67	12	57	2.96	< 10	< 1	0.35	31
Method Blank	< 20	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 20	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 20	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10
Method Blank	< 20	< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10

QC

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
GXR-1 Meas	0.13	0.053	0.040	0.19	79	1	182	< 0.01	14	< 2	34	79	146	26	16
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-1 Meas	0.13	0.052	0.041	0.20	79	1	190	< 0.01	11	< 2	33	78	147	25	16
GXR-1 Cert	0.217	0.0520	0.0650	0.257	122	1.58	275	0.036	13.0	0.390	34.9	80.0	164	32.0	38.0
GXR-4 Meas	1.65	0.146	0.120	1.77	5	7	80	0.15	2	2	< 10	80	15	12	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-4 Meas	1.61	0.138	0.115	1.70	4	7	77	0.14	2	< 2	< 10	77	15	12	10
GXR-4 Cert	1.66	0.564	0.120	1.77	4.80	7.70	221	0.29	0.970	3.20	6.20	87.0	30.8	14.0	186
GXR-6 Meas	0.42	0.091	0.032	0.01	6	18	31		< 1	< 2	< 10	175	< 10	5	12
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
GXR-6 Meas	0.42	0.091	0.031	0.01	4	18	31		< 1	< 2	< 10	175	< 10	5	11
GXR-6 Cert	0.609	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110
SAR-M (U.S.G.S.) Meas	0.35	0.038	0.060		5	4	34	0.06	3	< 2	< 10	38	< 10	22	
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
SAR-M (U.S.G.S.) Meas	0.35	0.038	0.060		5	4	34	0.06	3	< 2	< 10	38	< 10	22	

Analyte Symbol	Mg	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr
Unit Symbol	%	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1
Method Code	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
SAR-M (U.S.G.S.) Cert	0.50	1.140	0.07		6.0	7.83	151	0.38	0.96	2.7	3.57	67.2	9.78	28.00	
DE-18 Orig	0.90	0.042	0.040	< 0.01	< 2	6	34	0.19	3	< 2	< 10	61	< 10	10	8
DE-18 Dup	0.89	0.042	0.040	< 0.01	< 2	6	34	0.19	< 1	< 2	< 10	61	< 10	10	9
Method Blank	< 0.01	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1
Method Blank	< 0.01	0.013	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1

Appendix 4

Author: Kevin Cool Revised June, 2014 **Date corrected from previous version: Rev1Dec28/2008*

Qualifications and Experience

1982 Graduated from Timmins High and Vocational School

1983 Studied photography at Humber College, Toronto, Ontario

1984 to 1988 Worked for family owned transportation business in Moosonee, Ontario

1988 to 1990* Studied Survey at Northern College, South Porcupine, Ontario

1990* Graduated with Survey Engineering Technician Diploma

1990* to 2001

Owned and operated General Surveys and Exploration based in Timmins, Ontario. The company provided contract survey, computer and information management services to the exploration and mining industry. Software includes Acad, Gemcom and Surpac, with specialization in using computers for the mining and exploration industry.

Work included volumetric survey of land areas to be used as tailing basins, where computerized 3D models were utilized. Diamond drillhole, underground engineering and mechanical design/construction surveys were common contracts for mining and exploration companies. Significant accomplishments include the design and construction of the 110km winter road from Attawapiskat to the Victor Project.

Clients included;

DeBeers Canada Exploration (Monopros), Southernera Resources, Dome Exploration, Placer Dome Detour Lake, Musselwhite and Dome Mines, Exall Glimmer Mine, Claude Rundle Gold Mine, TVX Mines' projects in Northern Greece, Moneta Porcupine Mines, Black Pearl Minerals, St. Andrew Goldfields, Battle Mountain Gold, Pentland Firth, Kinross Gold, Band-Ore Resources, McKinnon Prospecting and many other companies and individual prospectors.

2000 to 2005

Began collaborative work with Brian K. Polk (Polk Geological Services) and established a private exploration company called Big Red Diamond Company. This small company began to stake property near Attawapiskat and Coral Rapids. Eventually the survey business was put aside to focus full time on diamond exploration.

Big Red Diamond Company entered into a Joint Venture with a private company owned by Dr. Charles Fipke of Kelowona, B.C. on a group of properties near DeBeers' Victor Project in the Attawapiskat region. Dr. Fipke is the renowned geologist who found Canada's first diamond mine, the Ekati Mine in Northwest Territories.

Since 2001 the author has been exposed to all aspects of diamond exploration including;

Claim staking, field work, camp construction, airborne and ground magnetometer survey, planning and management of large scale geophysical programs, planning, management and interpretation of regional and property scale sampling programs.

Exposure to the industry includes training and field work under the discretion of Dr. Fipke. Introduction to kimberlite mineral identification from Dr. Fipke was expanded by personal research and study, which continues to current and lead to the establishment of True North Mineral Laboratories in Timmins, Ontario.

Advanced analysis, beyond the stage of heavy mineral separation, or observation using binocular microscope, is handled by other certified analytical laboratories, such as *CF Minerals*, of Kelowona, B.C.

2002

Big Red Diamond Company became a publicly traded corporation.

The author is one of the co-founders of Big Red Diamond Corporation, which trades on the TSX Venture Exchange under the symbol DIA.

The author continues to actively stake mining claims and process sample material for private and public companies.

2005 to 2009

Established True North Mineral Laboratories, at 475 Railway Street, Timmins, Ontario and added Actlabs-Timmins in early 2006. Lab processes, equipment setup and procedures are now supervised by Actlabs, based in Ancaster, Ontario.

The management and employees of True North Mineral Laboratories / Actlabs-Timmins, receive ongoing support and training directly from Actlabs - Ancaster. The laboratory processes fall under Actlabs certification, providing analysis is carried out by the main facility in Ancaster. In this capacity, True North Mineral Laboratories acts as a preparation facility for Actlabs and is qualified to handle material preparation prior to direct analysis by Actlabs.

2009 to 2011

Sold prep facility to Cattarello Assayers Inc., who now operate a gold fire assay facility at 475 Railway Street, Timmins. True North Mineral Laboratories opened a small, private facility at 68 Bruce Avenue, South Porcupine in early 2011.

True North Mineral Laboratories utilizes the services of Actlabs and CF Mineral Research, for projects where an accredited laboratory is required. True North Mineral Laboratories continues to offer a wide range of field services to the exploration Industry.

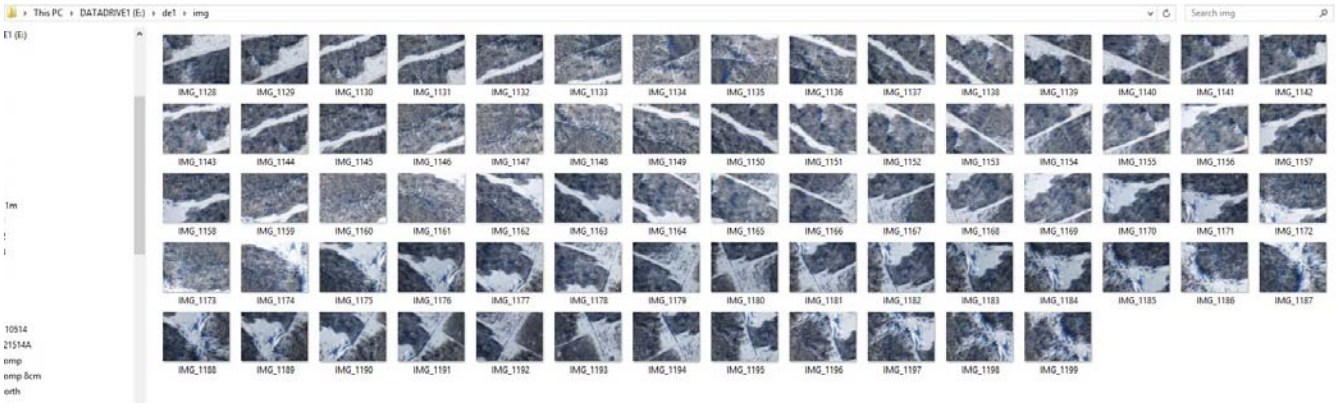
2011 to Current

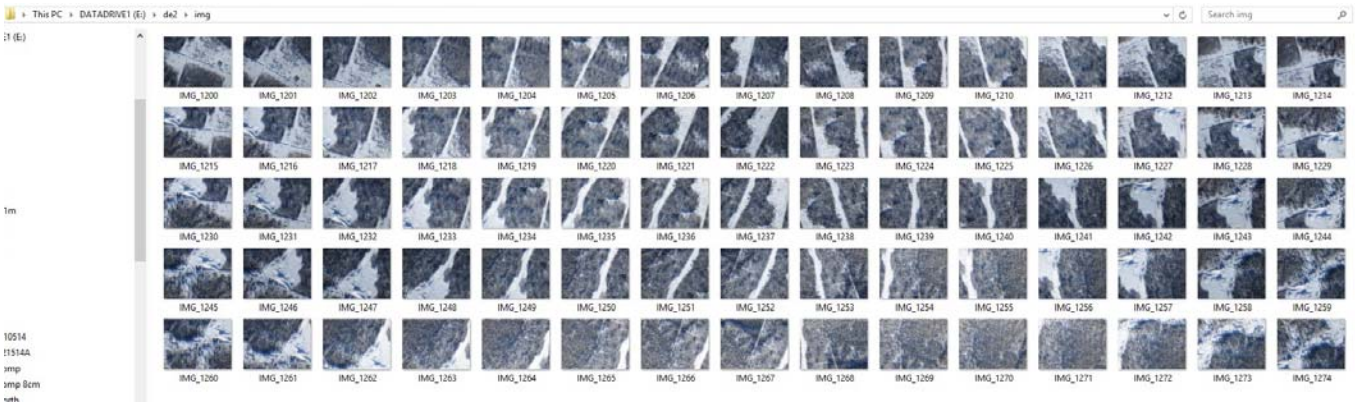
True North Mineral Laboratories Inc. changed names to ***UAV Timmins*** in June, 2014.

UAV Timmins provides aerial mapping services to mining and exploration companies, along with geochem sampling and other services.

APPENDIX 5

List of Air Photo Images





Report Completion Date

Report was completed on March 6, 2015.