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Summary Report

Prospecting

Claim

1218619

In

Beatty Township

Larder Lake Mining Division

St Andrew Goldfields Ltd., a subsidiary of Kirkland Lake Gold Ltd.
Royal Bank Plaza, South Tower
200 Bay Street, Suite 3120
Toronto, ON, Canada M5J 2J1
www.klgold.com

August 31, 2017
John McKenzie

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Introduction

Beginning on August 24th 2017, contractors Norm Collins and Chad Gloster of Compass Exploration carried out prospecting activity on claim unit 1218619 in Beatty Township, Larder Lake Mining Division. The four samples (31574-31577) collected during this initial reconnaissance of the property lead to a subsequent site visit by Kirkland Lake Gold employees J.V. Bonhomme and Randall Evans. A further 12 grab samples (N09801-N09812) were taken and returned to the Matheson office for identification, descriptions and assay prep, this was carried out by the author.

Location and Access

Claim 1218619 is located within the Southeast ¼ of North ½ of lot 3 Con 2 in Beatty Township. Access to the site is made by driving approximately 12 km east of the Town of Matheson; from here, a trail is taken 3 km due north which leads directly to the claim unit.

Topography

The property is overlain with small Black Spruce and scrub brush in low areas, with Jack Pine & Birch trees contained in the outcrop areas. Outcrop exposure is abundant within the mining claim.

Prospecting/Traverses

Day 1 (August 24th 2017)

Field Crew departed Timmins at 7:00 am arriving on work site at 9:00 am. The primary focus of the first day's activity focused along the eastern claim boundary (See fig 3 for details). As mentioned previously four samples were collected. The samples were similar in nature, a massive, weakly silicified mafic volcanic containing approximately 2-3% blebby pyrite mineralization. The day's traverse was complete by 3:00pm with the field crew returning to Timmins at 5:00pm. Table 1 shows a complete list of samples taken, locations in UTM Nad 83 coordinates as well as sample descriptions.

Day 2 (August 29th)

Day 2 sampling activity was carried out (as mentioned previously) by Kirkland Lake Gold employees J.V. Bonhomme and Randall Evans. Departing from the Matheson office at 8:00 am, arriving on site at 9:15 am. Twelve samples were collected from various sites within the claim unit (see fig 3). Detailed descriptions, locations etc. available in Table 1. Samples taken included a variety of lithology types including Felsic Intrusive, Mafic Volcanic and Meta-sedimentary units, altered and mineralized to varying degrees. See Table 1 for detailed descriptions.

Table 1 – Sample Rock Descriptions

Date	Sample	Easting	Northing	Elev	Description
Aug-24	31574	551608	5378814	315	Weak to moderately silicified mafic volcanic. 2-3% pyrite blebs occur sporadically throughout unit. Massive, very fine grained.
Aug-24	31575	551586	5378814	315	Weak to moderately silicified mafic volcanic. 2-3% pyrite blebs occur sporadically throughout unit. Massive, very fine grained.
Aug-24	31576	551609	5378809	315	Weak to moderately silicified mafic volcanic. 2-3% pyrite blebs occur sporadically throughout unit. Massive, very fine grained.
Aug-24	31577	551593	5378941	315	Weak to moderately silicified mafic volcanic. 2-3% pyrite blebs occur sporadically throughout unit. Massive, very fine grained.
Aug-29	N09801	551522	5378949	315	Very Fine grained, massive mafic volcanic. Unit contains 1-2% pyrite mineralization occurring as either threads/stringers and scattered blebs. Very weak silicification, very hard.
Aug-29	N09802	551555	5378945	315	Very Fine grained, massive mafic volcanic. Unit contains 1-2% pyrite mineralization occurring as either threads/stringers and scattered blebs. Very weak silicification, very hard.
Aug-29	N09803	551422	5378900	315	Moderately silicified mafic volcanic. Trace-1% pyrite stringers/threads occur sporadically throughout unit. Pale green, massive. Several subsequent samples of similar composition. Increased silica content possibly due to proximity to large, Nippising Diabase unit.
Aug-29	N09804	551418	5378896	315	Moderately silicified mafic volcanic. Trace-1% pyrite stringers/threads occur sporadically throughout unit. Pale green, massive. Increased silica content possibly due to proximity to large, Diabase unit.
Aug-29	N09805	551404	5378890	315	Moderately silicified mafic volcanic. Trace-1% pyrite stringers/threads occur sporadically throughout unit. Pale green, massive. Increased silica content possibly due to proximity to large, Nippising Diabase unit.
Aug-29	N09806	551400	5378910	315	Moderately silicified mafic volcanic. Trace-1% pyrite stringers/threads occur sporadically throughout unit. Pale green, massive. Increased silica content possibly due to proximity to large, Diabase unit.
Aug-29	N09807	551382	5378919	315	Moderately silicified mafic volcanic. Trace-1% pyrite stringers/threads occur sporadically throughout unit. Pale green, massive. Increased silica content possibly due to proximity to large, Diabase unit.
Aug-29	N09808	551346	5378944	315	Heavily oxidized, foliated/sheared Feldspar Porphyry/Syenite unit. Protolith difficult to identify due to effects of weathering and shearing features. Weakly serecitic, with an approximate 1-3% disseminated pyrite mineralization.
Aug-29	N09809	551324	5378938	315	Silicified Feldspar porphyry, 3-4% disseminated py. Glomerophyric feldspar masses occur erratically within unit. Minor Tourmaline styolites and Q-C threads/stringers.

Aug-29	N09810	551332	5378913	315	Very fine grained, silt/mudstone. Brownish-green in color well defined bedding. Tr amounts of py scattered throughout.
Aug-29	N09811	551336	5378911	315	Very fine grained, silt/mudstone. Brownish-green in color well defined bedding. Tr amounts of py scattered throughout.
Aug-29	N09812	551545	5378753	315	Heavily oxidized, foliated/sheared Feldspar Porphyry/Syenite unit. Protolith difficult to identify due to effects of weathering and shearing features. Weakly serecitic, with an approximate 1-3% disseminated pyrite mineralization.

Results

Sampling activity identified several areas of interest. In particular, the mineralized, sheared Felsic Intrusive units contained a significant (3-4%) sulphide content and variable amount of veining; this coupled with the relative proximity to the regional scale Pipestone Fault system is encouraging. The possibility that a larger, hydrothermal system is present in the area will need to be addressed. Either a ground based mag survey of the area and/or mechanical stripping of areas of interest already identified will most likely carry this out. Future work should also include further prospecting of the area with a primary focus on the Felsic Intrusive units and their possible interactions with the Pipestone Fault.

Submitted By:

John McKenzie

August 31, 2017

Statement of Qualifications

- I (John McKenzie) currently reside at 313 Vimy Ave. Timmins On. P4N 4H3
- This report is being submitted on behalf of Kirkland Lake Gold. For whom I am an assigned agent.
- I have no interests either directly or indirectly nor do I expect to receive any in the future in regards to the Beatty Property
- I am a Graduate of Cambrian College's Geological Technician Program.
- I have completed my Mining Act Awareness Program and have been assigned the verification number 4EC3-6704-542E-AF12.

August 31, 2017

John McKenzie

Senior Exploration Technician

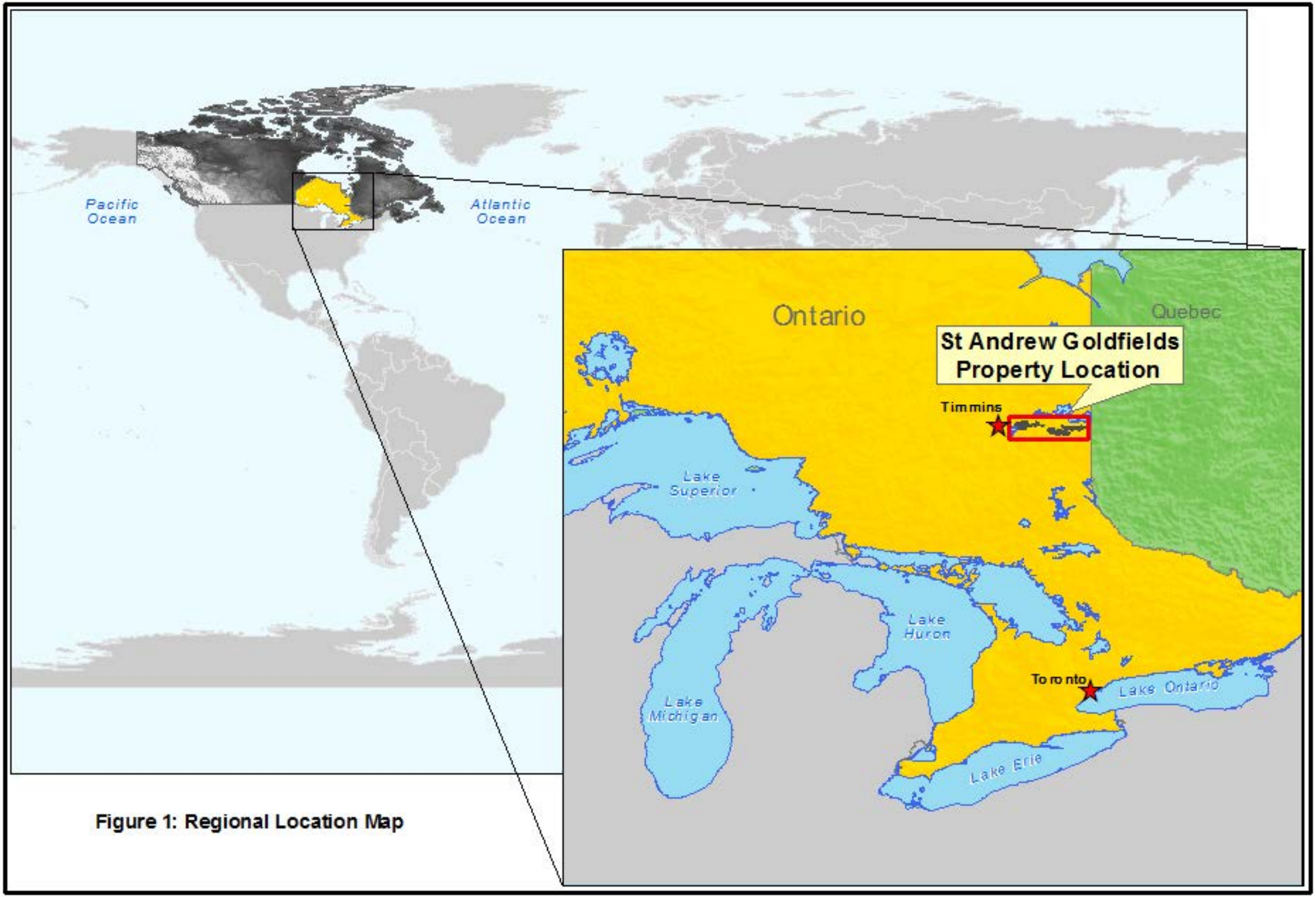
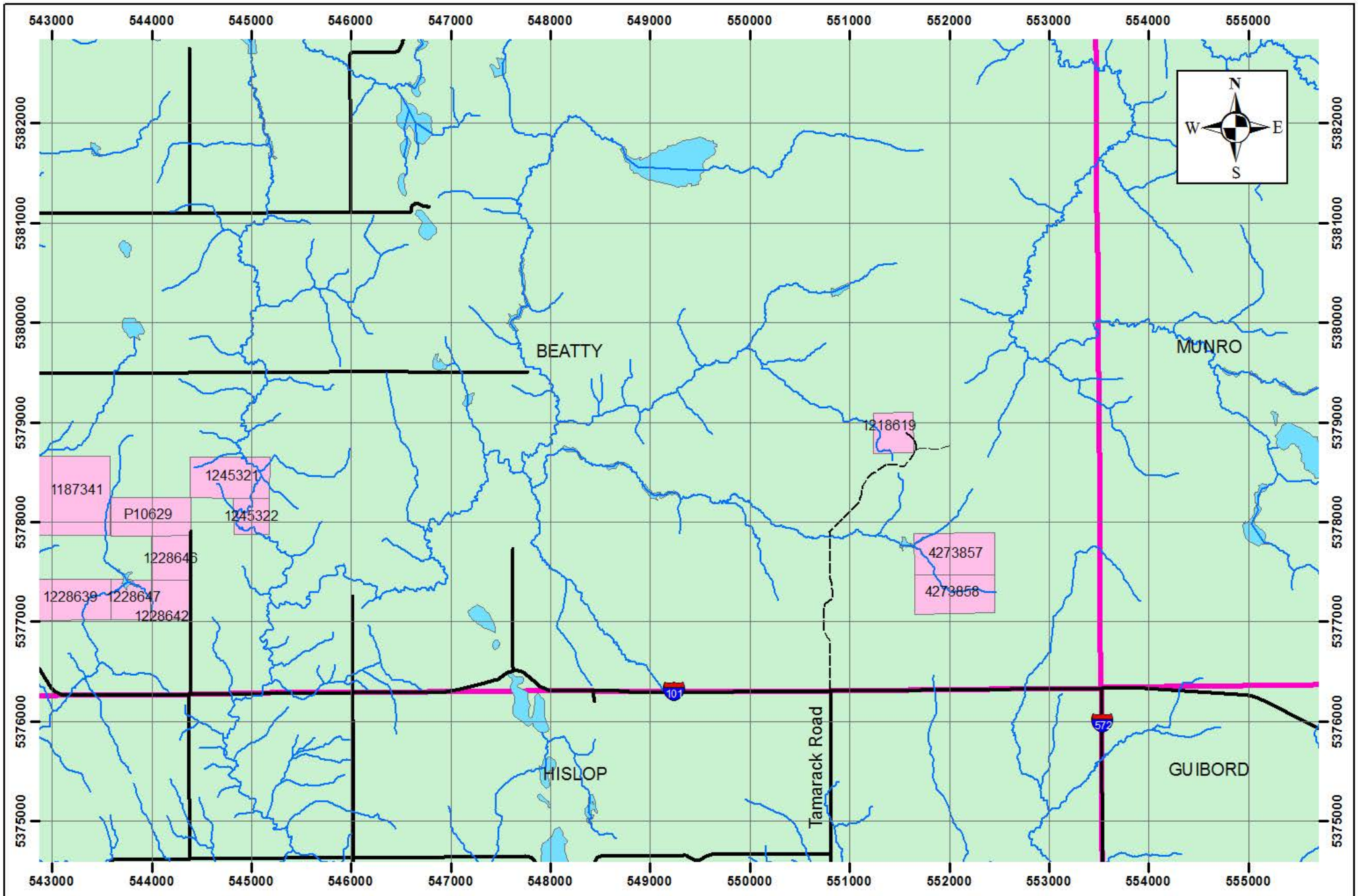


Figure 1: Regional Location Map



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1:50,000

KL | KIRKLAND LAKE GOLD

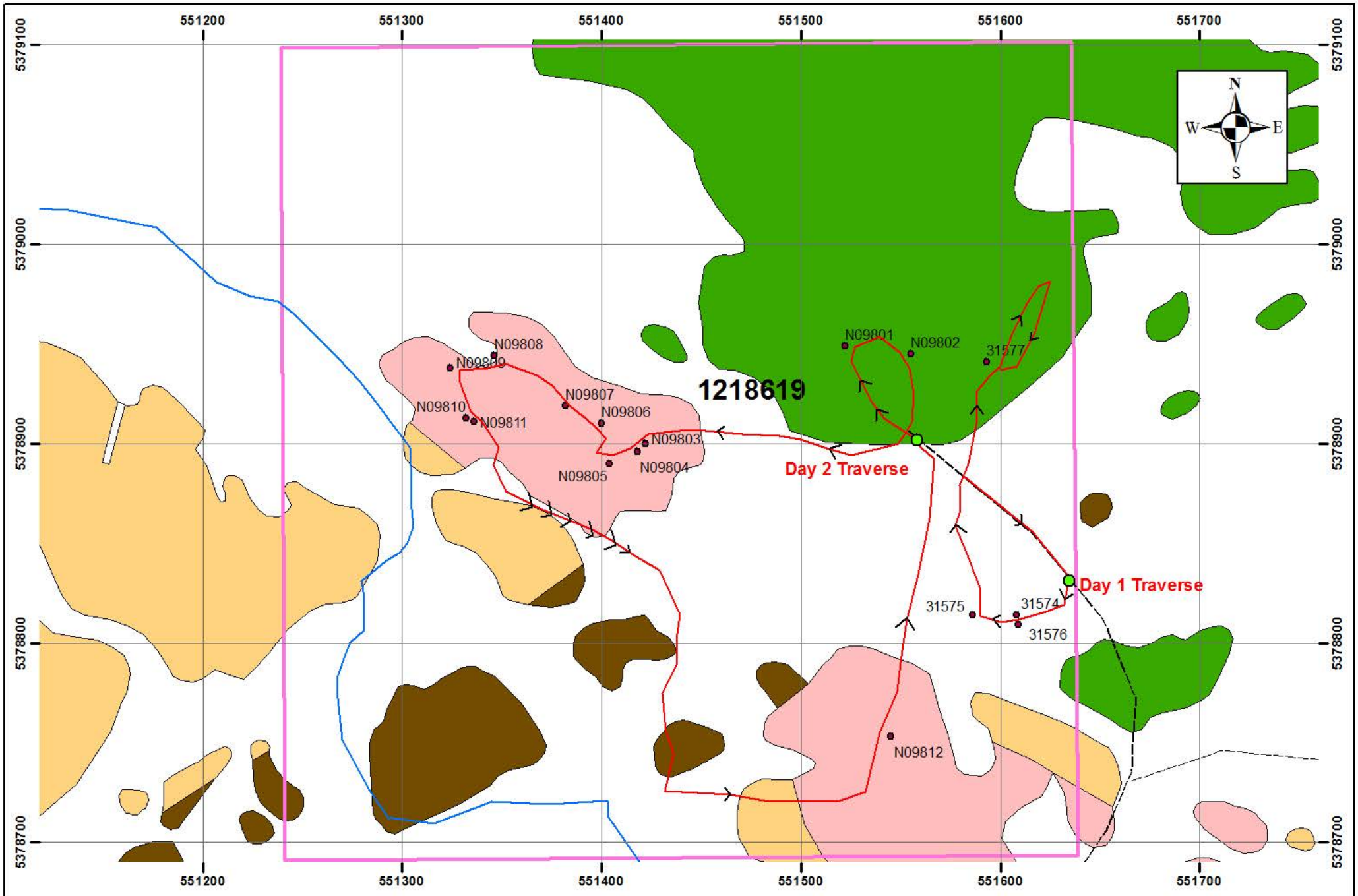
Beatty Township

Location Map Figure 2

UTM NAD 83 Zone 17 September 2017

LEGEND

- Township Boundary
- KL Claims
- Roads
- Trails
- Rivers
- Body of Water



0 20 40 80 120 160 Metres

1:2,500

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Beatty Township

Property Map Figure 3

UTM NAD 83 Zone 17 September 2017

LEGEND

- Trails
- Rivers
- Day Traverse
- Start/End Point
- Township Boundary
- KL Claim Boundary

GEOLOGY (OUTCROP)

- Diabase
- Quartz-Feldspar Porphyry
- Sedimentary Rock
- Mafic Volcanic Rock