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Technical Report for
Prospecting, Trenching and Channel Sampling
on the
Kenora Gold Project

Haycock and Kirkup Township,
Kenora Mining Division
Ontario, Canada

Work Performed on
Mining Claims
4262759, 4262754, 4262755, 4262756, 4262757, 4262758,
4248347, 4262699, and 4262760

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1.0 Introduction

1.1 - Purpose

This report has been produced to meet the requirements for filing Assessment Work under the Ontario Mining Act. This report covers the prospecting and trenching work performed on the property in June 2017. The report includes assay results from prospecting, trenching, and channel sampling performed from June 1st to June 24th 2017.

1.2 - Overview

The trenching program was designed to examine the economic potential of showings discovered by previous exploration carried out by Canstar Resources Inc. in 2015 and 2016. The program focused on the “East Shear” which hosted a variety of historic exploration from 1930 to 1996. The prospecting program focused on extending the knowledge of gold mineralization on the Ace Trend, Treasure Shear and East Shear while evaluating historic shaft locations pinpointed using the MNDM’s MDI database.

2.0 Accessibility, Geography and Climate

2.1 - Accessibility

The Kenora Gold Project covers 3 separate blocks totaling 377 units. The project is located from the eastern city limits of Kenora to Black Sturgeon Lake in the northeast and Haycock Lake in the east (Figure 1). The TransCanada Highway's #17A and #17B cut through the property and provide the bulk of the access. Highway 671 to Grassy Narrows I.R. provides access to the northern property boundary.

An intense network of snowmobile and quad trails allows easy access to 90% of the claims while some surveys areas are best accessed by canoe on Black Sturgeon Lake and Island Lake. The CP mainline railway transects through the central portion of the property as well as both natural gas and hydro transmission lines.

2.2 - Climate and Geography

The climate on the Kenora Gold Project mirrors that of Kenora. A portion of the property surrounds the city airport where Environment Canada monitors the weather conditions. The 30 year temperature range is -56.7°C to 35.8°C. The average annual precipitation for Kenora is 662cm, with a higher density of precipitation in the spring.

The Kenora Gold Project is typical of the Canadian Shield, with large competent outcrops surrounded by lakes and swamps. Modest topographic relief is exhibited throughout the property due to the density of intrusive bodies. Mature coniferous forests cover the majority of the property, with sporadic young regeneration of deciduous due to past logging operations.



Figure 1 –Kenora Gold Project Location

3.0 PROPERTY DESCRIPTION

The Kenora Gold Project is currently made up of 37 mining claims comprised of 377 units. This consists of a 5955-hectare area. The current claims exist in the Haycock, Jaffray, Haycock and Kirkup Townships of the Kenora Mining District. Table 1 summarizes the claims involved in the current prospecting and trenching program. Figure 2 outlines the current project area along with the outlined prospecting areas.

Claim #	Status	Claim Holder	Township	Units	Work Required (\$)	Work Applied (\$)	Reserve (\$)	Due Date
4262759	Active	Canstar Resources Inc.	Haycock	12	2800	0	0	Aug-02-2017
4262754	Active	Canstar Resources Inc.	Haycock	7	2800	0	0	Aug-02-2017
4262755	Active	Canstar Resources Inc.	Haycock	8	3200	0	536	Aug-02-2017
4262756	Active	Canstar Resources Inc.	Haycock	9	4200	0	0	Aug-02-2017
4262757	Active	Canstar Resources Inc.	Haycock	2	800	0	0	Aug-02-2017
4262758	Active	Canstar Resources Inc.	Haycock	16	6400	0	0	Aug-02-2017
4248347	Active	Canstar Resources Inc.	Kirkup	5	2000	0	0	Aug-02-2017
4262760	Active	Canstar Resources Inc.	Kirkup	8	3200	0	0	Aug-02-2017
4262699	Active	Canstar Resources Inc.	Haycock	10	4000	0	0	Feb-01-2018
				77	\$25,400			

Table 1 – Summary of the Kenora Gold Project Claim Ownership

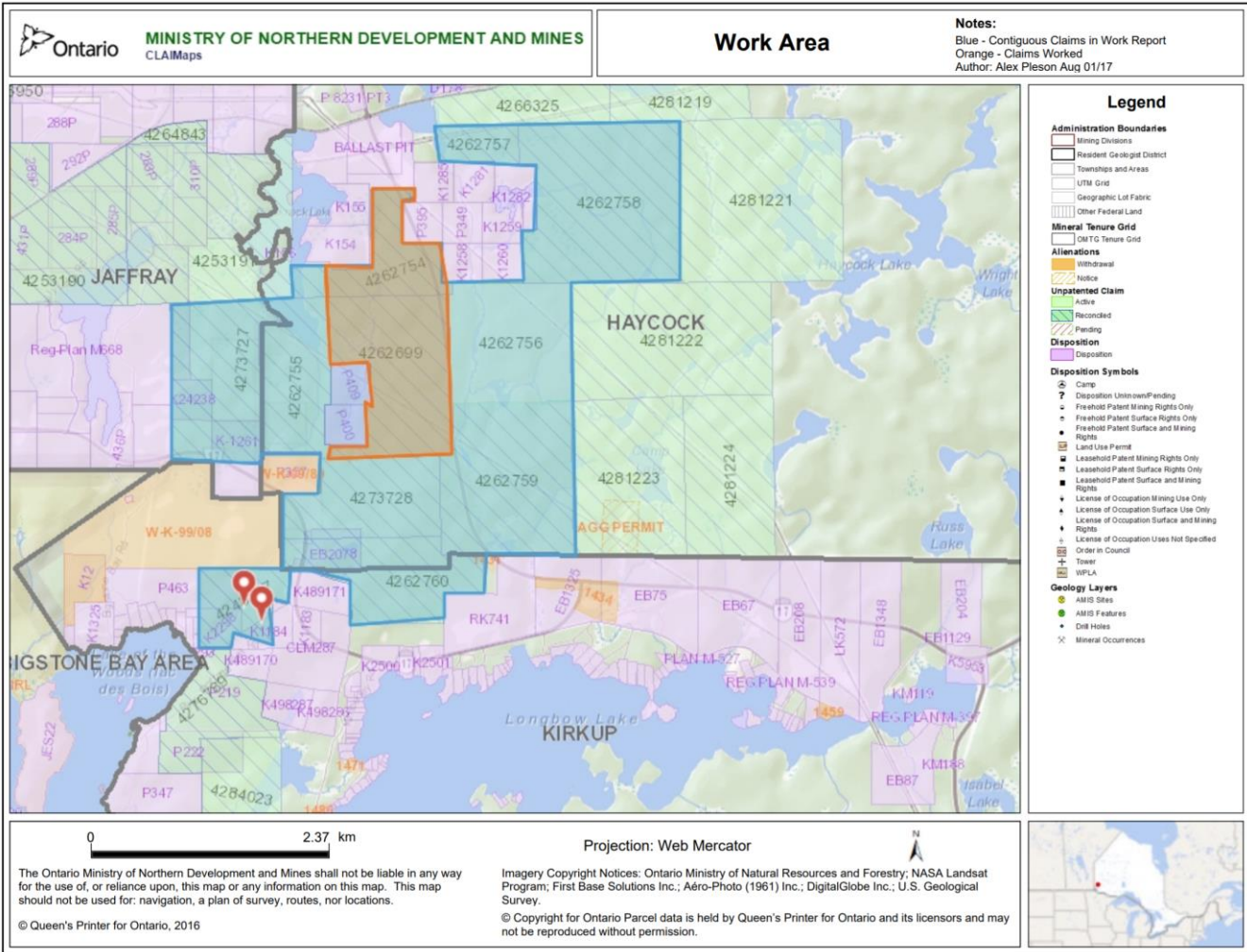


Figure 2 – Claims Map

4.0 GEOLOGICAL SETTING

4.1 - Regional Geology

The Kenora Gold Project is situated in the Wabigoon Subprovince of the Superior Province. This subprovince consists mainly of Archean metavolcanic and metasedimentary rock sequences intruded by larger granitoid plutons, mainly granodiorite to granite in composition. Mafic volcanic rocks form ~90% of the sequence in the Kenora area, typically tholeiitic mafic flows. Felsic-metavolcanic and metasedimentary units comprise the remainder of the volcanic-sedimentary lithologies. These units typically exhibit evidence of at least greenschist facies of metamorphism. Regional deformation tends to trend in the east/northeast direction. Major structures in the area also exhibit similar orientations. (Breaks et al., 1978).

This portion of the east trending Wabigoon Subprovince is typically referred to as the Western Wabigoon Terrane (WWT) and lies to the south of the Winnipeg River Terrane (WRT) and to the north of the Quetico Terrane (QT). The WRT and QT are typically high-grade metamorphic terranes consisting of plutonic and metasedimentary assemblages. (Percival and Easton, 2007). The general geology of the project area can be seen in Figure 2.

4.2 – Local Geology

The property is dominated by a large quartz diorite intrusion that extends past the eastern boundary of the mining claims on contact to a tonalite pluton. The western contact of the quartz diorite consists of interlayered mafic and felsic metavolcanic rocks. Minor quartz monzonite intrusions bound the metavolcanic rocks in the north. Intrusive mafic-intermediate rocks (diorite to gabbro) are also mapped along a northeast trending contact to the felsic and mafic metavolcanic rocks. Gold mineralization is typically observed at or near the contacts of the metavolcanic units and the quartz diorite. (Breaks et al., 1978).

Large regional faults and mineral foliations are mapped by *King 1983* and typically have northeast strikes. The shearzones on the property exhibit the same overall trend. Gold mineralization is typically associated near the boundaries of the major shearzones that have been previously mapped on the property (Canstar Internal Report, 2014).

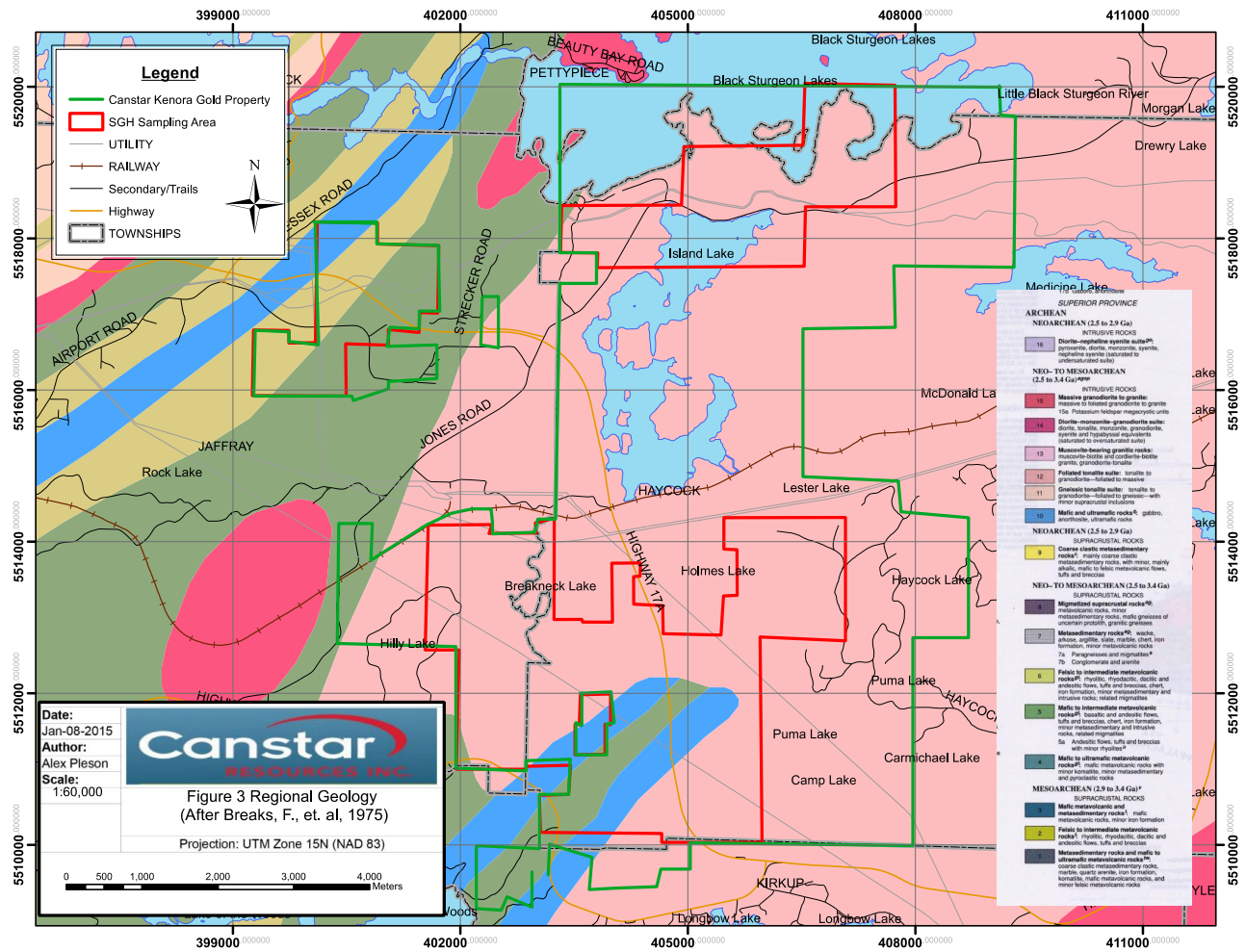


Figure 3 – Regional Geology

5.0 PREVIOUS EXPLORATION

5.1 – Historic Work

Gold mineralization was observed in the project area as early as 1894. Previous gold and silver production occurred at the Scramble Mine located ~200 meters east of claim 4253187 although no production data is available. Various other shafts are located throughout the property with no verified production data. The area lay dormant until 1984 when various exploration companies picked up surrounding properties and commenced work. Notable exploration activities include prospecting, drilling and trenching near the eastern shores of Breakneck Lake and the southern shores of Black Sturgeon Lake. These activities developed small potential showings and provided further development of the Sweden occurrence (UTM 15N 405385 E 5516597 N), the Roseman occurrence (UTM 15N 402401 5511464), Westin occurrence (UTM 15N 403265 5511444), the Norway occurrence (UTM 15N 404624 E 5513774 N), the Princess occurrence (UTM 15N 403541 E 5518122 N), Triumph (15N 404170 5511566), Rajah (15N 400601 5516928) and the Black Sturgeon occurrence (UTM 15N 404762 E 5518278N). These occurrences represent high-grade gold showings, which were explored and mined near the start of the 20th century.

5.2 – Canstar Resources Inc. Exploration Activities

In the summer of 2014 Canstar conducted a small reconnaissance mapping program including sampling. The project was developed to locate various structures that have the potential for gold mineralization. The project also intended to re-examine historic occurrences and evaluate their economic potential. Of approximately 108 samples, 25 samples yielded high-grade gold mineralization near or in shearzones. This prompted the design of a SGH soil survey to test the continuity of the gold bearing structures across the property. Canstar also completed a SGH soil-sampling program in August-September 2014. A subsequent prospecting campaign in April and May 2015 was completed to evaluate these findings and lead to the discovery of new showings near the history Rajah, Roseman, Westin and Triumph occurrences. This program was extremely successful in locating new showings and confirming the potential of the historic showings. The highlight of the campaign was discovering a **68 g/t** sample in a near mineralized shearzone east of the Triumph and Treasure Showing and a **9.8 g/t** sample from a shearzone at the Westin occurrence which originally was thought to only consist of high-grade Au in quartz veins. The Westin vein sample of 9.8 g/t from the initial prospecting in April/May 2015 is the main focus of the trenching campaign outlined in this report.

6.0 KENORA GOLD PROJECT EXPLORATION PROGRAM

6.1 – Prospecting Program

The main goal of the June prospecting campaign was to evaluate historic showings and identify areas for further trenching while simultaneously trenching the East Shear. Ramin Ghanderpanah (Nolalu, ON), Kyle Cote (Beardmore, ON), Ben Kuzmich (Thunder Bay, ON), and Alex Pleson (Nipigon, ON) conducted the prospecting program. The program collected 12 samples on mining claim 4262699, 9 samples on mining claim 4262754, and 8 samples on mining claim 4262759. The samples are plotted in Figures 4 and 5.

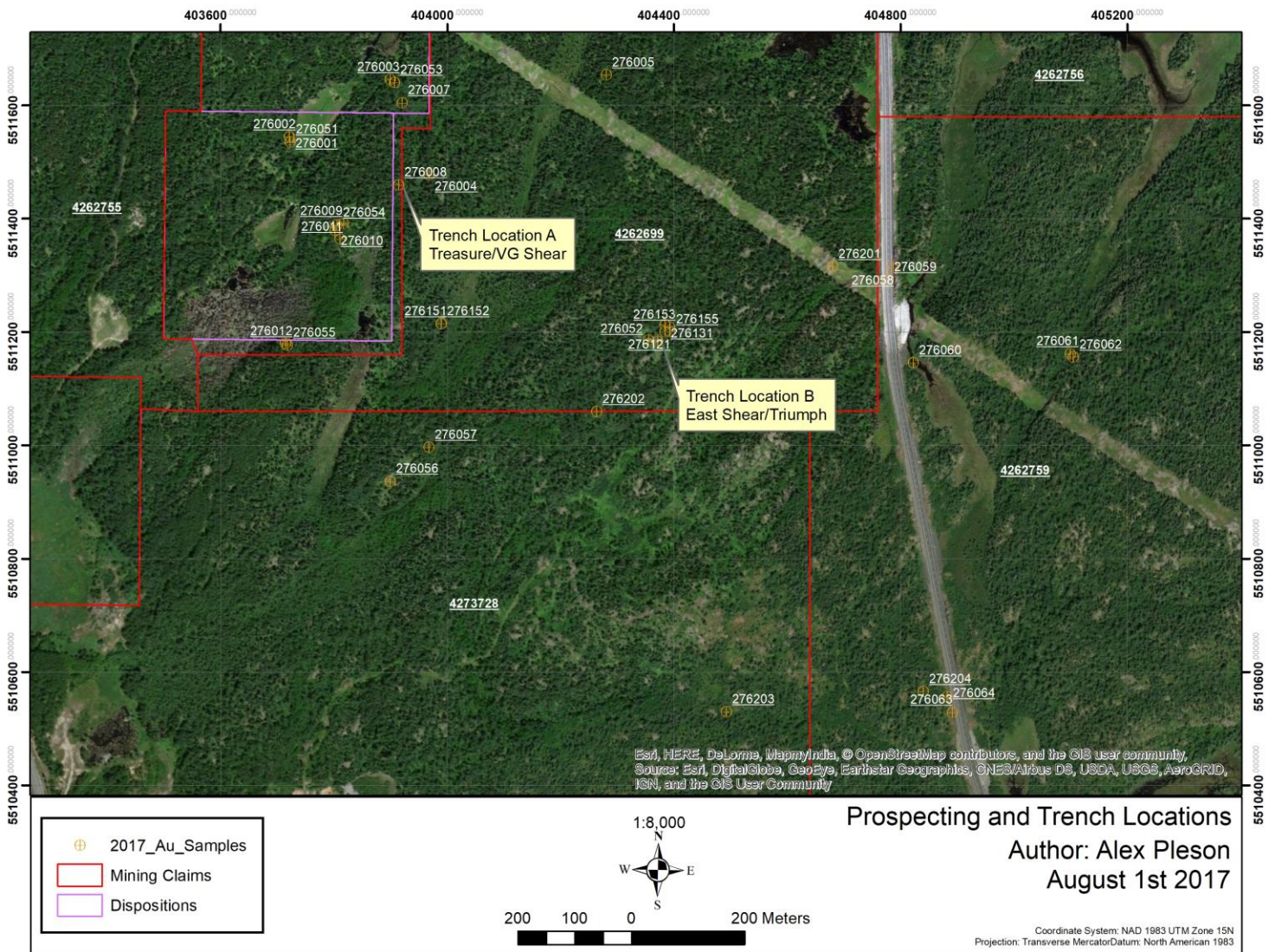


Figure 4 – Samples on 4262699 and 4262759

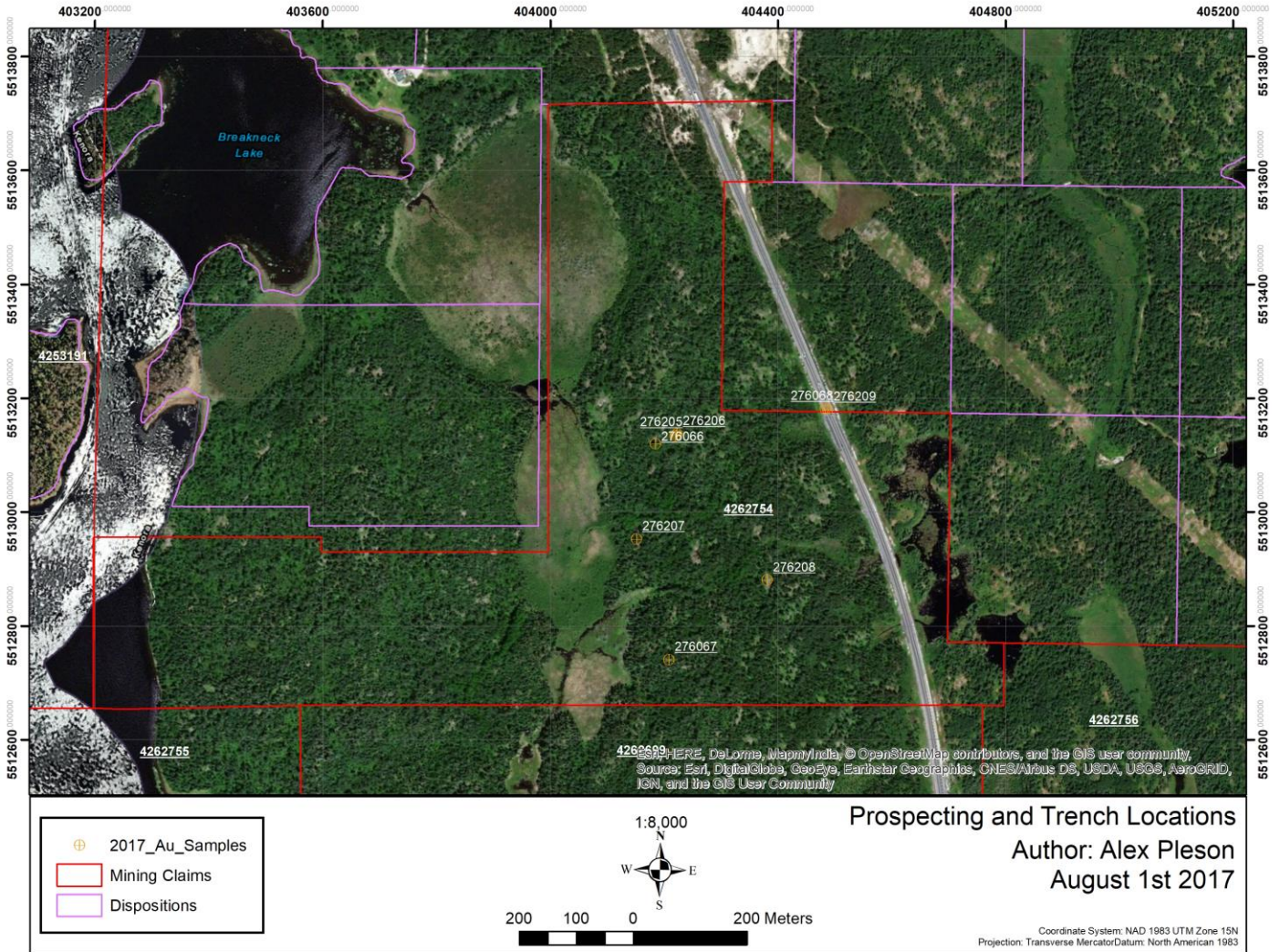


Figure 5 – Samples on 4262754

6.2 – Trenching Program

The trenching program was completed from June 3 to June 24th 2017 with a cumulative total of 14 days spent on mining claim 4262699 covered under the scope of Exploration Permit No. PR16-10891. The program was completed by Pleson Geoscience (Nipigon, ON) and Blackwater Exploration (Beardmore, ON) for equipment services. The main goal of the trenching was to delineate potential gold bearing samples from the Treasure Shear/Trench A (see Figure 4 and 7) and the East Shear/Trench B (See Figure 4 and 8). The locations required ~3km of trail be built to access the site. There was a slight delay in waiting for access through a City of Kenora owned gate and portion of private property, represented by mining patents P400 and P409. A total of 22 channel samples were taken from Trench B and Trench A was not sampled as the previous grab samples covered the only notable gold mineralization. Figure 6 shows the location of the trenches on claim 4262699.

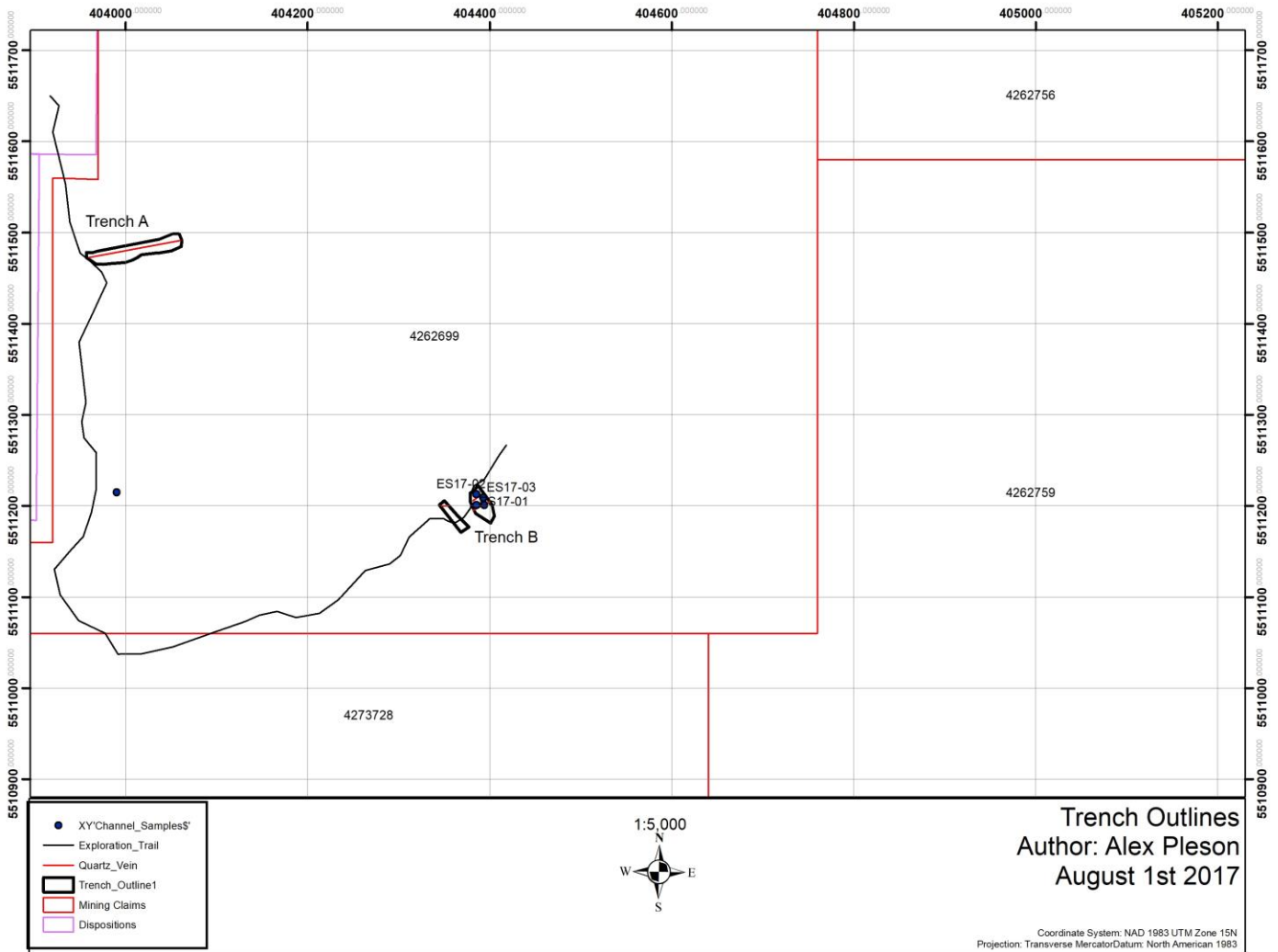


Figure 6 – Trench Locations

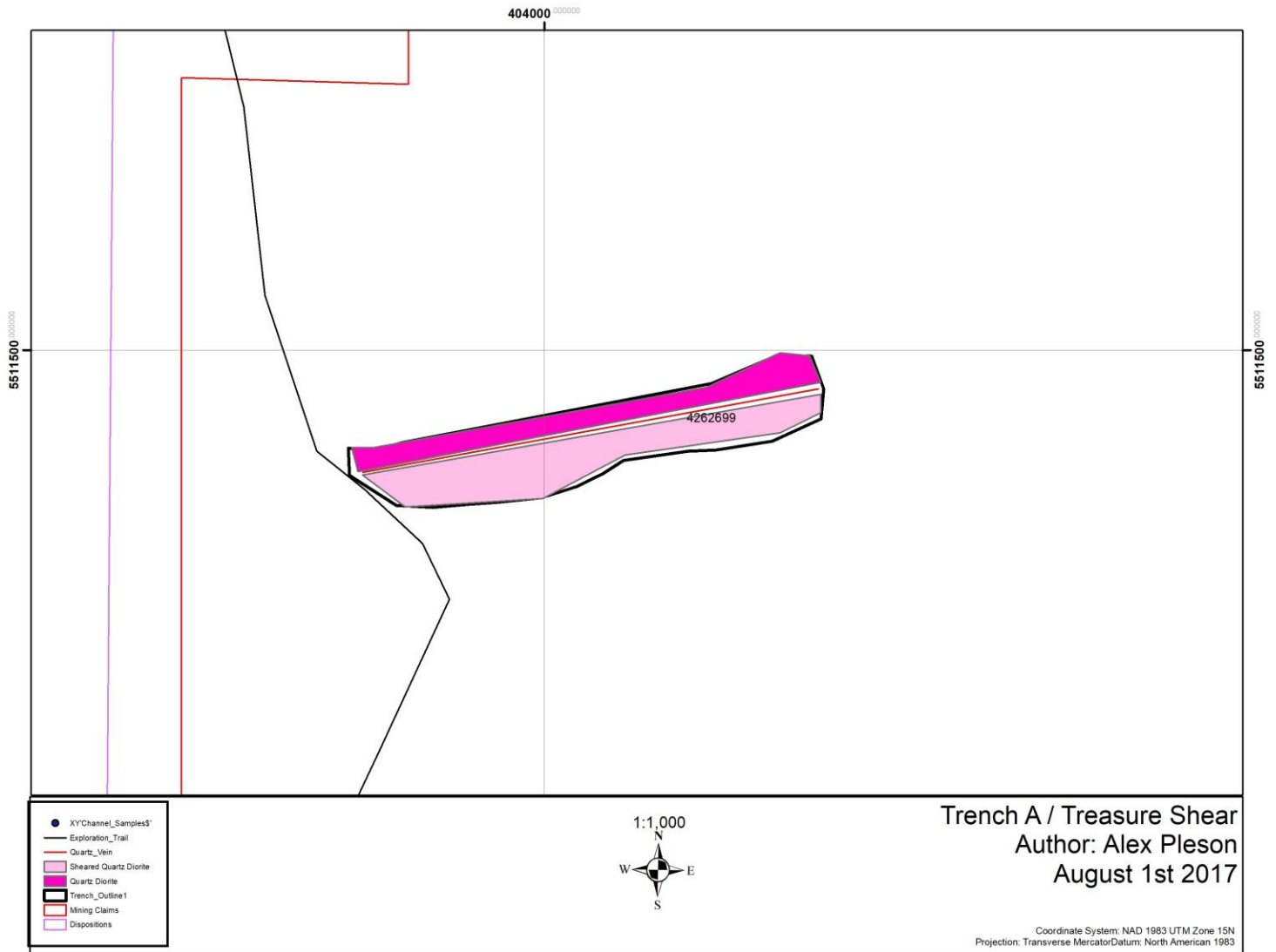


Figure 7 – Trench A

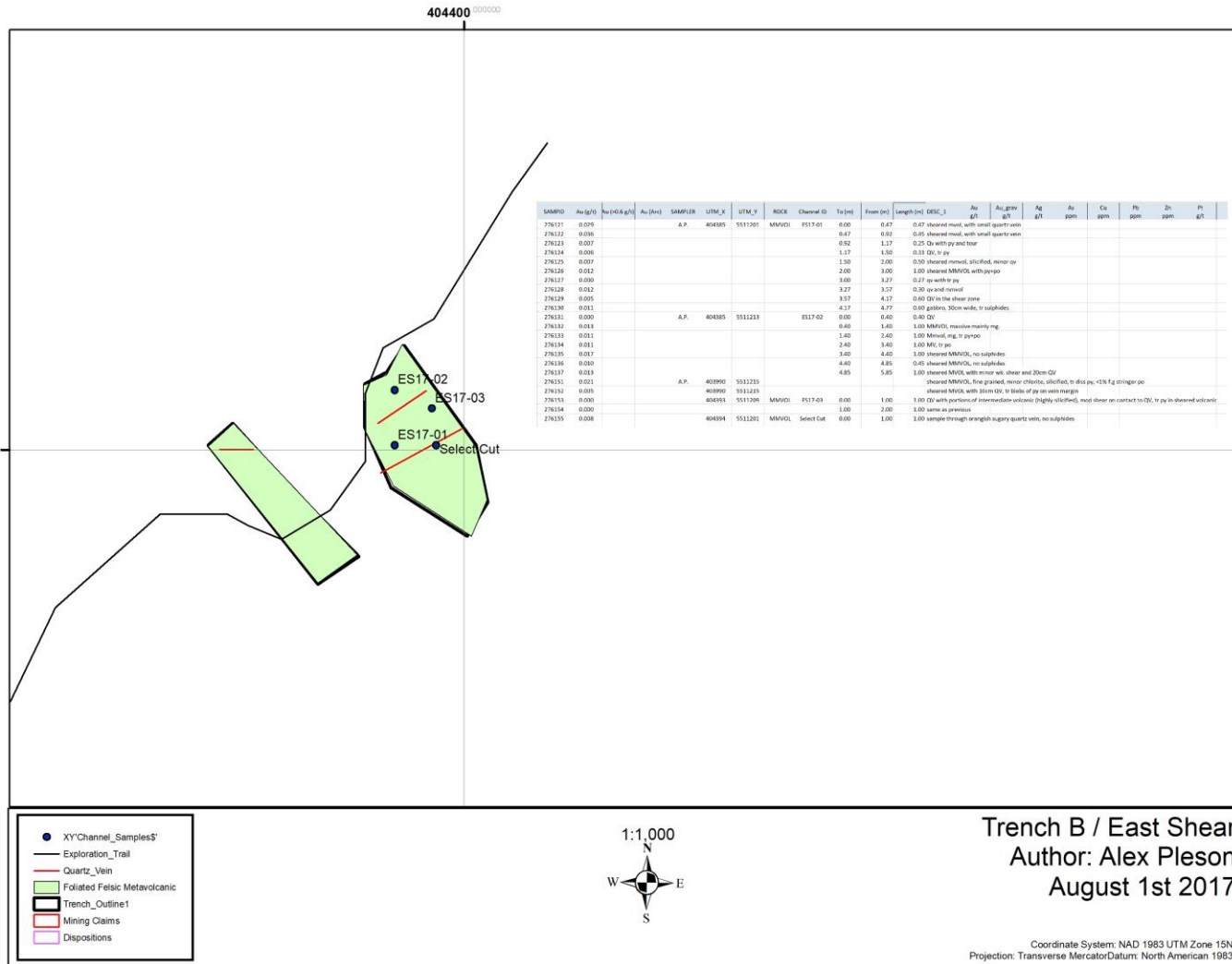


Figure 8 – Trench B

7.0 DISCOVERY

The prospecting program identified gold mineralization along the “treasure shear” sampling 14.9 g/t and 182 g/t Au. The triumph or “east shear” had one notable intersection of 4.82 g/t from the capped shaft waste pile. The Sweden occurrence on claim 4262754 had one anomalous result of 0.684 g/t Au from the shaft waste pile. The channel sampling was not considered a success as no economic values were returned from assay. The results are listed in Figure 9. A full list of the samples is compiled in Appendix II.

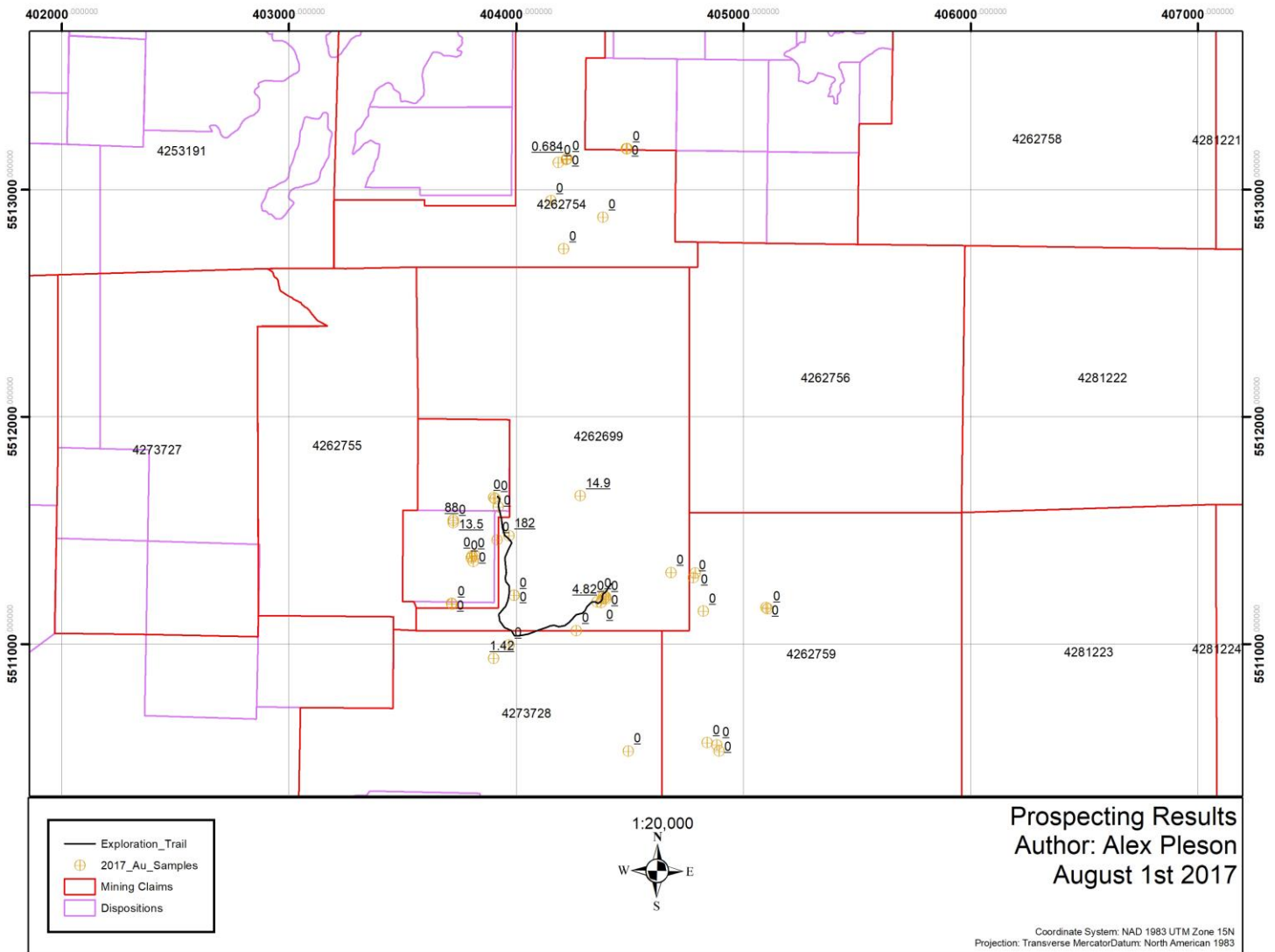


Figure 9 – Assay Results (g/t Au)

8.0 RECOMMENDATIONS

Results from the channel sampling were inconclusive and no further trenching/channel sampling is recommended. The anomalous values seen in the shear zone associated to the “Treasure Shear/Trend” with values of up to 182 g/t Au are very significant and more prospecting along trend is highly recommended in hopes to find wider zone than that uncovered by Trench A.



Photo 1 – Ramin on East Shear



Photo 2 – Excavator by Triumph Shaft Vent

REFERENCES

King, H. L., 1983, Precambrian Geology of the Kenora-Keewatin Area, Eastern Part, Kenora District, Ontario Geological Survey, Map P 2618, Preliminary Map

Percival, J., Easton, R., 2007, Geology of the Canadian Shield: An Update, Geological Survey of Canada, Open File 5511, Natural Resources Canada

Raoul, A., 1996, OPAP Report, HAYCOCK GOLD PROPERTY, Kenora, Ontario
OP 96-285

Sutherland, D., 2014, SGH Report for Canstar Resources – Kenora SGH Survey,
December 18th, 2014, Internal Publication, Activation Laboratories Ltd., A14-06865



Statement of Qualifications

Alex Pleson, Exploration Consultant

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Nipigon, ON
P0T 2J0
Box 675

I, Alex Pleson, do hereby certify that:

- 1: I am a licensed Ontario Prospector
- 2: I have been working in the mineral exploration field since 2008
- 3: I received my H.BSc in geology from Lakehead University
- 4: I am responsible for the preparation of this assessment report
- 5: I hold no interest in the company or property this reports refers to
- 6: I have been involved with the Kenora Gold Project since August 13th 2014

Dated the 1st day of August 2017

Alex Pleson, Exploration Consultant
Pleson Geoscience

Appendices

Appendix I – Agent Letter

See attachment



Date Submitted: 26-Jun-17
Invoice No.: A17-06410
Invoice Date: 11-Jul-17
Your Reference:

Canstar Resources Inc.
1000-56 Temperance st
Toronto ON
Canada

ATTN: Alex Pleson

CERTIFICATE OF ANALYSIS

84 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 1A2-Tbay Au - Fire Assay AA (QOP Fire Assay Tbay)

REPORT **A17-06410**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

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Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
276101	207	
276102	211	
276103	159	
276104	99	
276105	277	
276106	28	
276107	132	
276108	410	
276109	25	
276110	9	
276065	19	
276066	< 5	
276067	6	
276068	56	
276069	63	
276070	1710	
276121	29	
276122	36	
276123	7	
276124	6	
276125	7	
276131	< 5	
276132	13	
276133	11	
276134	11	
276201	6	
276202	13	
276203	45	
276204	32	
276205	684	
276206	106	
276207	8	
276208	9	
276209	42	
276008	8	
276009	7	
276010	27	
276011	18	
276012	462	
276013	176	
276126	12	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
276127	< 5	
276128	12	
276129	5	
276130	11	
276135	17	
276136	10	
276137	13	
276111	82	
276112	94	
276113	12	
276114	< 5	
276115	5	
276116	833	
276117	47	
276118	1950	
276119	29	
276120	13	
276151	21	
276152	5	
276153	< 5	
276154	< 5	
276155	8	
276058	10	
276059	6	
276060	6	
276061	6	
276062	22	
276063	12	
276064	15	
276001	> 5000	88.0
276002	> 5000	13.5
276003	33	
276004	> 5000	182
276005	> 5000	14.9
276006	242	
276007	14	
276051	21	
276052	4820	
276053	< 5	
276054	< 5	
276055	< 5	
276056	1420	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
276057	< 5	

Analyte Symbol	Au	Au
Unit Symbol	ppb	g/tonne
Lower Limit	5	0.03
Method Code	FA-AA	FA- GRA
OxK110 Meas		3.56
OxK110 Cert		3.602
OXN117 Meas		7.72
OXN117 Cert		7.679
OREAS 223 (Fire Assay) Meas	1780	
OREAS 223 (Fire Assay) Cert	1780	
OREAS 223 (Fire Assay) Meas	1780	
OREAS 223 (Fire Assay) Cert	1780	
OREAS 223 (Fire Assay) Meas	1770	
OREAS 223 (Fire Assay) Cert	1780	
OREAS 218 Meas	544	
OREAS 218 Cert	525	
OREAS 218 Meas	499	
OREAS 218 Cert	525	
OREAS 218 Meas	520	
OREAS 218 Cert	525	
276067 Orig	5	
276067 Dup	6	
276131 Orig	< 5	
276131 Dup	5	
276206 Orig	103	
276206 Dup	109	
276137 Orig	13	
276137 Dup	13	
276112 Orig	94	
276112 Split PREP DUP	108	
276119 Orig	28	
276119 Dup	30	
276060 Orig	6	
276060 Dup	5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank	< 5	
Method Blank		< 0.03

Appendix III – Costs

Item	Quantity	Rate	Invoice Total
Excavator	117	125	16526.25
Prospecting	14	700	11074
Labour	14	350	5537
Geologist	14	400	6328
Support Equipment	14	250	3955
Supplies	523.56		523.56
Food	13	180	2644.2
Tent/Camp	14	125	1977.5
Travel	6083	0.6	4124.274
Assays	2289.15	0.85	1945.7775
		total	54635.5615

Appendix IV – Prospecting/Work Logs

Work Log (Prospecting)			
Date	Location	Task	Comments
2017-06-02	Plan/Pack		
2017-06-03	Travel		
2017-06-04			
2017-06-05			
2017-06-06			Work on other claims not in report
2017-06-07	East Shear (4262699)	Prospect	locate trend from treasure mine on Canstarrs property and delineate strike
2017-06-08	East Shear (4262699)	Prospect	continue following strike of "treasure" shear
2017-06-09	East Shear (4262699)	Prospect	continue following strike of "treasure" shear
2017-06-10	East Shear (4262699)	Prospect	prospect ahead of excavator to find suitable trenching location
2017-06-11	East Shear (4262699)	Prospect	prospect shearzone related to Triumph shear close to old shaft
2017-06-12	East Shear (4262699)	Prospect	continue with Triumph shear
2017-06-13	East Shear (4262699)	Prospect	continue with Triumph shear
2017-06-14	East Shear (4262699)	Prospect	evaluate 1.7 g/t sample taken close to highway east of Triumph shear
2017-06-15	East Shear (4262699)	Prospect	find additional trenching locations for trenching crew along strike of Triumph Shear
2017-06-16	Sweden (4262754)	Prospect	locate historic shaft named Sweden Occurrence, found old waste pile, sampled
2017-06-17	Sweden (4262754)	Prospect	follow trend associated to quartz veins from Sweden shaft (more like a pit, not shaft)
2017-06-18	East Shear (4262699)	Prospect	conduct traverses perpendicular to know Treasure and East Shears
2017-06-19	East Shear (4262699)	Prospect	conduct traverses perpendicular to know Treasure and East Shears
2017-06-20	East Shear (4262699)	Prospect	conduct traverses perpendicular to know Treasure and East Shears
2017-06-21			
2017-06-22			
2017-06-23			
2017-06-24			

Work Log (Channel Sampling/Trenching)			
Date	Location	Task	Comments
2017-06-02	Plan/Pack		
2017-06-03	Travel		
2017-06-04			
2017-06-05			
2017-06-06			Work on other claims not in report
2017-06-07			trenching crew waits for employee for City of Kenora to open gate for access road
2017-06-08	HWY	access across city property	wait for city worker to unlock gate "TriLakes" Gate
2017-06-09	Float Excavator	Mob	unload excavator and start walking in to first location
2017-06-10	East Shear (4262699)	walk into first trench	trail making
2017-06-11	East Shear (4262699)	trench 86 g/t location	trench and wash
2017-06-12	East Shear (4262699)	build trail into East Shear	make/flag trail into the Triumph shaft which we call the East Shear
2017-06-13	East Shear (4262699)	build trail into East Shear	
2017-06-14	East Shear (4262699)	start trenching east shear	
2017-06-15	East Shear (4262699)	Trenching	
2017-06-16			
2017-06-17			Work on other claims not in report
2017-06-18	East Shear (4262699)	Trenching	
2017-06-19	East Shear (4262699)	Trenching/Channel Sampling	start logging, sampling channels in trenches on Triumph/East Shear
2017-06-20	East Shear (4262699)	Trenching/Channel Sampling	"
2017-06-21	East Shear (4262699)	Trenching/Channel Sampling	"
2017-06-22	East Shear (4262699)	Trenching/Channel Sampling	"
2017-06-23	East Shear (4262699)	Trenching/Channel Sampling	Finish sampling, demob pumps/hoses/etc.
2017-06-24	East Shear (4262699)	walk machine to HWY	