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**2015 PROSPECTING AND SAMPLING**  
**ON THE**  
**HAYS LAKE CLAIM**  
**PRISKE TOWNSHIP**  
**THUNDER BAY MINING DIVISION, ONTARIO, CANADA**

**NTS: 42D/14SE**

PREPARED FOR

**STRIKE MINERALS INC.**  
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TORONTO, ONTARIO, CANADA  
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November 25, 2015

## Contents

Summary .....	i
Introduction.....	i
Property, Location and Access .....	1
Exploration History.....	4
Geology & Mineralization .....	5
2015 Sampling Program .....	7
Results.....	7
Conclusions and Recommendation.....	8
References.....	9

## List of Figures

Figure 1. Property Location Map.....	2
Figure 2. Claim Map.....	3
Figure 3. Regional Geology .....	6

## List of Tables

Table 1: Claim Status.....	1
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## List of Appendices

Sample Locations, Descriptions & Analysis.....	Appendix I
Certificate of Analysis.....	Appendix II

## Maps

Map 1: Traverses and Sample Locations.....	Back Pocket
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## **Summary**

Strike Minerals Inc. contracted Escher Geoscience of Neebing, Ontario to complete a sampling program over on an 8 unit mining claim in Priske Township. 13 rock grab samples were collected on the property on August 13th and 14th, 2015. The samples were assayed at Accurassay Laboratories of Thunder Bay, Ontario for their gold content. The sampling program confirmed the presence of the historical Joa – Walton occurrence. No new mineralization was discovered during the program but results suggest that additional exploration in the area north of the Terrace Bay Batholith may be productive.

## **Introduction**

Escher Geoscience, commissioned by Strike Minerals Inc., completed a sampling program over one of Strike's 100% owned 8 unit claims located in Priske Township. The property is located in the Schreiber – Hemlo Greenstone Greenstone Belt, approximately 150 kilometers northeast of Thunder Bay. Previous exploration on the property, and in the surrounding area, has located several mineralized zones and occurrences.

## Property, Location and Access

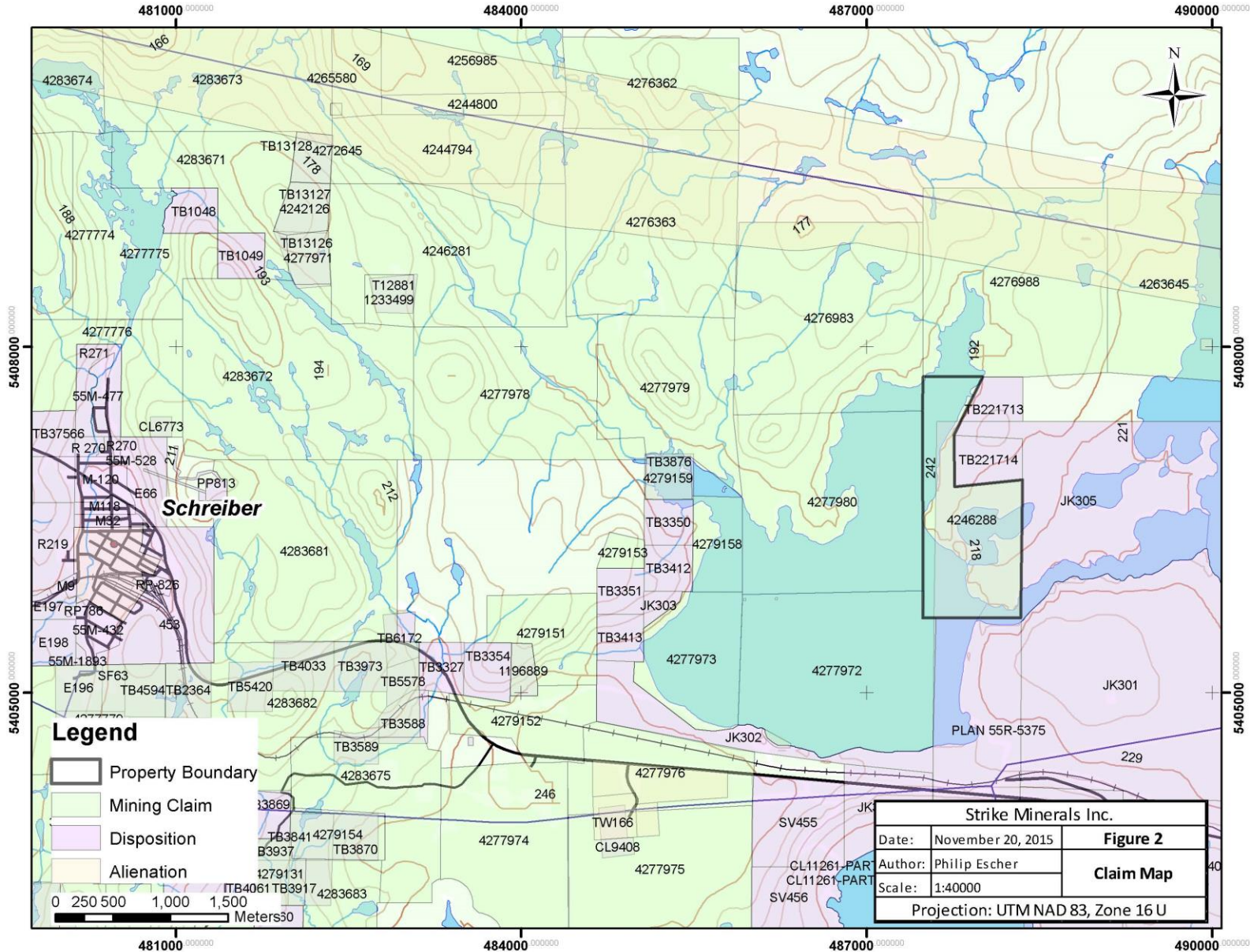
The claim comprises 8 units and is 100% owned by Strike Minerals Inc.. The claim is located in northwestern Ontario on the northeast shore of Hays Lake, approximately 150 kilometers northeast of Thunder Bay and 7.5 kilometers east of the town of Schreiber. It is centered on UTM Nad83 Z16 487900 East 5406600 North, lies within the Thunder Bay Mining Division within the township of Priske, and can be found on map sheet N.T.S. 42D/14SE. Table 1 summarizes the claim information, and Figure 1 and 2 show its location.

Access to the claim can be gained from the Hays Lake Road, which departs from the Trans-Canada Highway 17 approximately 4 kilometers east of Schreiber. The Hays Lake Road extends east for 2 kilometers to the south shore of Hays Lake. Access to the claim can be gained by boat from Hays Lake.

**Table 1: Claim Status**

<b>Claim Number</b>	<b>Claim Units</b>	<b>Township/Area</b>	<b>Work Required</b>	<b>Claim Due Date</b>
4246288	8	PRISKE	\$3,200	2015-Nov-27





## **Exploration History**

- 1988** Prospectors M. Joa and R. Walton followed up on recommendations from the Schreiber-Hemlo Resident Geologist's Program and discovered auriferous quartz veins. Joa and Walton conducted an extensive stripping and sampling program.
- 1990** The property was optioned by Bond Gold Canada Ltd., who carried out geological, HLEM, magnetometer, humus, stripping, prospecting and lithogeochemical surveys.
- 1991-1993** Minor prospecting and sampling as well as several property visits by exploration personnel.
- 1995** RJK Exploration Ltd conducted airborne geophysical surveys, line cutting, stripping, and sampling over the area that included the current claim.



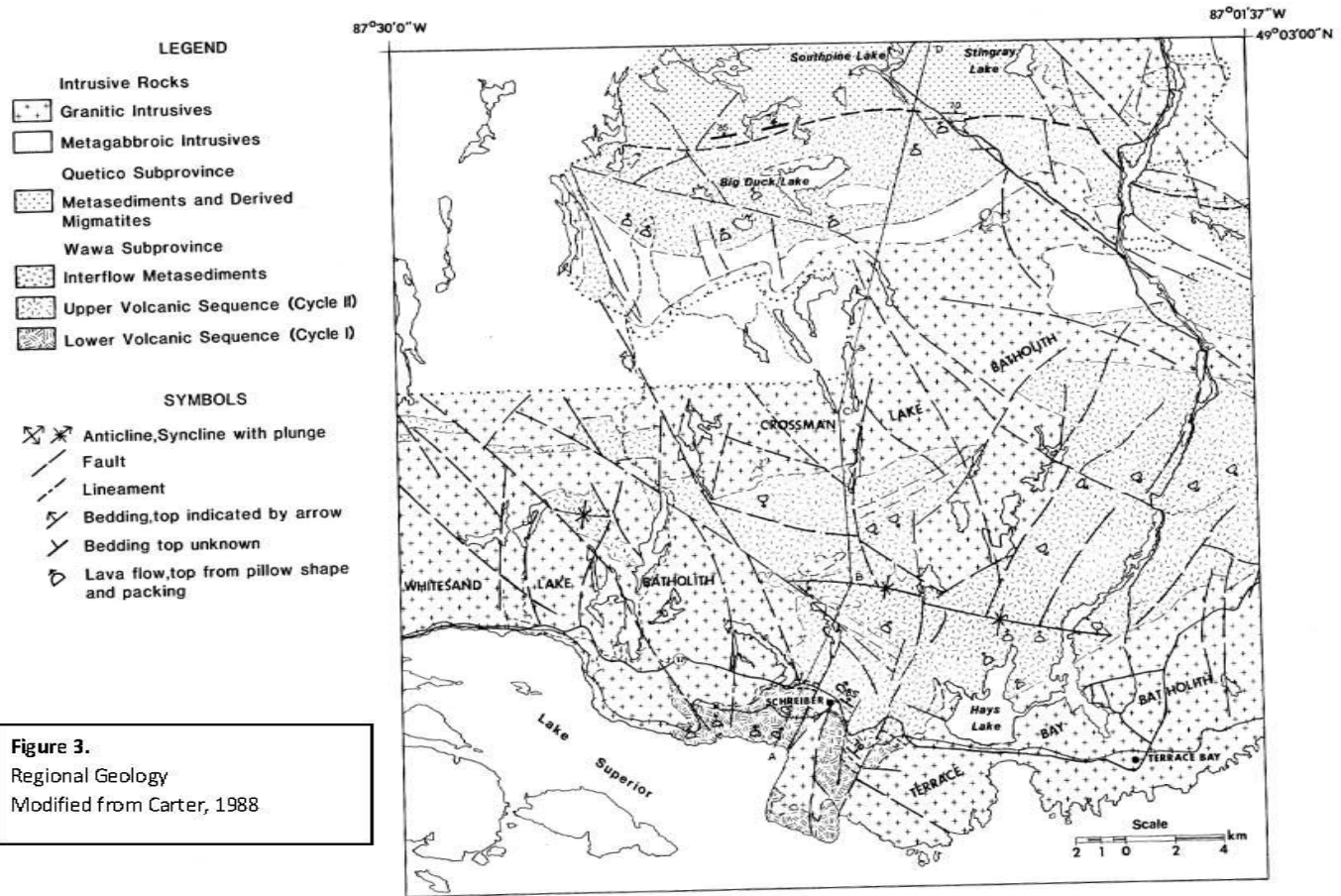
## Geology & Mineralization

The property is located in the Archean-age Schreiber-Hemlo Greenstone Belt within the Wawa Subprovince of the Southern Superior Structural Province. Schnieders et al. (1996) describe the geology of the area as follows:

*The property is underlain by mafic metavolcanics rocks, mainly massive to pillowed flows and tuffs. Oxide - and sulphide - facies banded iron formation and chert are intercalated with the flows and tuffs. Feldspar porphyry and quartz - porphyry stocks and dikes intrude these rocks. The northern margin of the Terrace Bay batholith lies approximately 500 m south of this occurrence (Joa – Walton occurrence). The pillowed metavolcanic flows display evidence of tight isoclinal folding, and a well - developed cleavage is present. Quartz veins up to 25 cm in width are present near the contact between mafic metavolcanics rocks and quartz - feldspar porphyry. The quartz-feldspar porphyry is a good indicator of gold mineralization in the Schreiber area. The veins occupy shear zones that locally occur at the metavolcanics - porphyry contact. However, they may strike obliquely to the contacts, into the mafic metavolcanic rocks or porphyry.*

The property contains the Joa – Walton occurrence which is comprised of 4 separate veins with a combined strike length of 120 m. Schnieders et al. (1996) describe the veins follows:

*The #1 Vein represents the main Joa - Walton vein at the porphyry-metavolcanic contact, and is exposed for approximately 75 m. Vein #2 is located 30 m southeast of the #1 Vein and is hosted by mafic metavolcanic rocks. Vein #2 varies in width from 5 cm to 37.5 cm and strikes between 46 degrees and 59 degrees. The vein displays a crack-seal texture with chloritic seams and pyrite. A mineral lineation trends 20 degrees and plunges 56 degrees. The vein appears offset, possibly by cross-faulting. Vein #3 likely represents an extension to the #2 Vein, and is located approximately 15 m east-southeast of the #2 Vein. The entire strike length of the #2/#3 Vein appears to be approximately 80 m. Vein #4 is located approximately 20 m south of the #1 Vein. Here a silicified, carbonate-rich mafic metavolcanic rock hosts a quartz-carbonate vein. The vein strikes 60/35 and contains ankerite and euhedral pyrite. Cherty or silicified metavolcanics rocks or cherty iron formation is also present in the area. The quartz veins present on the Joa-Walton property may represent an en echelon veins system which has been offset by a number of northwest trending structures.*



## **2015 Sampling Program**

Claim 4246288 was visited on August 13 and 14, 2015 by the author for Strike Minerals Inc. The purpose of the program was to revisit the Property and to see if additional auriferous veins could be discovered. A total of 14 rock grab samples were collected and assayed for their gold content.

Rock grab samples were examined megascopically in the field for texture, mineralization and alteration. Sample descriptions were recorded within a notebook and later transcribed into an excel spreadsheet (Appendix I). Samples were placed in plastic bags along with sample tags and sealed off with flagging tape. The location of each rock grab sample was determined using a handheld GPS unit (Garmin 62s) that was later downloaded to a computer.

Rock samples collected during the field program were shipped to Accurassay Laboratories of Thunder Bay, Ontario where they were crushed to a minus 10 mesh, mechanically split and then pulverized to a minus 200 mesh. A statistically representative sample was then analysed for gold using fire assay and atomic absorption spectroscopy (FA-AAS) with gravimetric secondary testing on high grades.

## **Results**

Of the 14 samples collected during the field visit, 2 samples returned values greater than 0.5 g/t Au, ranging from 0.769 to 16.04 g/t Au; 3 samples returned anomalous values ranging from 41 ppb to 172 ppb Au.

The one sample returning the significant result was collected from the heavily overgrown Joa -Walton trench. The sample consisted of 80% white quartz and 20% metavolcanics hostrock with 2-3% pyrite and moderate iron carbonate staining. Sampling along strike in the immediate vicinity of the trench yielded anomalous Au values ranging from 41 to 172 ppb.

Sample details and Analytical results are presented in Appendix I and the Certificate of Analysis is presented in Appendix II.

## **Conclusions and Recommendation**

The sampling program confirmed the presence of the historical Joa-Walton occurrence on the property. No new veins or relevant alteration were discovered during the sampling program. The best value obtained from the Joa-Walton trench was 16.04 g/t Au.

Further exploration work should focus on the contact metamorphic aureole of the Terrace Bay Batholith including the Joa - Walton occurrence. Recommendations include a detailed digital compilation of assessment data and reconnaissance IP over known mineralized zones and adjacent lake ice to better refine their location and strike extent. Geological mapping and additional sampling should be performed to better define the metamorphic aureole of the Terrace Bay Batholith, alteration zones and deformation zones.

## References

Carter, M. W., 1988: Geology of Schreiber-Terrace Bay area, District of Thunder Bay; Ontario Geological Survey, Open File Report 5692, 287p.

Schnieders, B. R., Smyk, M. C., Speed, A. A., and MacKay, D. B. (1996) Mineral Occurrences in the Nipigon-Marathon area, Volumes 1&2, Ontario Geological Survey, Open File Report 5951, 912 pp.

**Appendix I**  
**Sample Locations, Descriptions & Analyses**

Station	Sample ID	UTM (Nad 83, Z16)		Description	Au_ppm (0.001 DL)	Au_Grav_ppm (0.001 DL)	Au_ppb
		East	North				
070369	070369	487524	5406611	fine grained, dark green, weakly foliated metavolcanic. Trace subhedral pyrite. Patchy epidote and minor k-spar alteration along fractures.	<0.005		<5
070370	070370	487536	5406672	drak green, fine grained, weakly foliated metavolcanic. Numerous mm-scale calcite veinlets. 0.2-0.5% pyrite, disseminated. 1cm quartz feldspar vein with up to 5% sulfides. Patchy epidote and minor ironoxide along fractures. Weakly silicified.	0.041		41
070371	070371	487539	5406674	fine grained, dark green metavolcanic. Several, up to 5mm, white quartz veinlets. Locally up to 5% pyrite. Moderate to strong iron oxide on weathered surface.	<0.005		<5
070372	070372	487568	5406691	generally massive, fine grained, dark green metavlocanic. Serveral mm-scale discontinious calcite veinlets. Up to 10% sulfides (pyrite and pyrrhotite; pyrrhotite >> pyrite)	0.015		15
070373	070373	487570	5406692	IF?. Gossanous wheather surface, greyish fresh surface. Generally fine grained and massive. Contains up to 8-10% fg anhedral sulfides. Strongly magnetic	0.009		9
070374	070374	487616	5406754	dark green, fine grained, generally massive metavolcanic. Some quartz/ feldspar along fracture. Moderately silicified, weak iron carb staining. Contains 10-12% fine grained subhedral pyrite.	0.769		769
070375	070375	487615	5406829	gossanous, heavily jointed metavolcanic?. No fresh surface obtained. Deeply weathered. Weak iron carb alteration	0.086		86

Station	Sample ID	UTM (Nad 83, Z16)		Description	Au_ppm (0.001 DL)	Au_Grav_ppm (0.001 DL)	Au_ppb
		East	North				
070376	070376	487609	5406834	dark grey, fine grained metavolcanic? Generally massive and well jointed. 2-3% very fine grained disseminated sulfides and up to 10-15% fracture controlled sulfides. Locally weakly magnetic. Strong iron oxide on weathered surface	<0.005		<5
070377	070377	487604	5406876	medium to dark grey metavolcanic? Banded appearance. Strong iron oxide and minor sulfur staining on weathered surface. Locally very siliceous. 2% very fine grained disseminated sulfides and up to 5-10% fracture controlled sulfides, mainly pyrite.	<0.005		<5
070378	070378	487620	5407069	greenish-grey metavolcanic. Weakly foliated. Strong iron oxide staining on weathered surface. Siliceous appearance. 0.5cm sugary quartz vein and several small boudinaged quartz veins. Locally up to 5% sulfides (pyrite and pyrrhotite)	<0.005		<5
070379	070379	487813	5407438	fine grained, dark greenish-grey metavolcanic. 3-5% fg sulfides (pyrrhotite and pyrite). Generally massive. Weak iron oxide and sulfur stain on weathered surface	<0.005		<5
070380	070380	487777	5406691	generally massive, fine grained, dark greenish-grey metavolcanic. Minor calcite veinlets and 3-4cm quartz-feldspar-sericite lens. Trace sulfides	<0.005		<5
070381	070381	487759	5406871	dark green metavolcanic. Banded appearance. Locally magnetic. Up to 20% sulfides (mainly pyrrhotite some pyrite). Strong iron oxide on weathered surface	0.172		172
070383	070383	487665	5406836	loose but local quartz vein material from overgrown trench. ~20% wallrock included in sample. Wallrock is a metavolcanic with 2-3% subhedral sulfides. Moderate iron carbonate on weathered surface	>10.000	16.04	16040



**Appendix II**  
**Certificate of Analysis**

Thursday, October 22, 2015

## Final Certificate

 Escher Phil  
 P.O. Box 10052  
 Thunder Bay, ON, CAN  
 P7B-6T6  
 Ph#: (807) 620-6561  
 Email: phescher@gmail.com

 Date Received: 09/25/2015  
 Date Completed: 10/22/2015  
 Job #: 201544380  
 Reference:  
 Sample #: 14

Acc #	Client ID	Au g/t (ppm)	Au Grav ppm
375374	070369	<0.005	
375375	070370	0.041	
375376	070371	<0.005	
375377	070372	0.015	
375378	070373	0.009	
375379	070374	0.769	
375380	070375	0.086	
375381	070376	<0.005	
375382	070377	<0.005	
375383	070378	<0.005	
375384	070378 Dup	<0.005	
375385	070379	<0.005	
375386	070380	<0.005	
375387	070381	0.172	
375388	070383	>10.000	16.040

APPLIED SCOPES: ALP1, ALFA1, ALFA7


Validated By:

  
 Shawn Rask  
 Laboratory Assistant Manager

Certified By:

  
 Andrew Oleski  
 Lab Manager - Thunder Bay

Authorized By:

  
 Derek Demianiuk, VP Quality

**The results included on this report relate only to the items tested.**
**The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.**

Thursday, October 22, 2015

**Final Certificate**Escher Phil  
P.O. Box 10052  
Thunder Bay, ON, CAN  
P7B-6T6  
Ph#: (807) 620-6561  
Email: phescher@gmail.comDate Received: 09/25/2015  
Date Completed: 10/22/2015  
Job #: 201544380  
Reference:  
Sample #: 14**Control Standards**

QC Type	Element	QC Performance (ppm)	Mean (ppm)	Std Dev (ppm)
APPLIED SCOPES: ALP1, ALFA1, ALFA7				

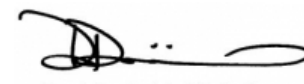
Validated By:

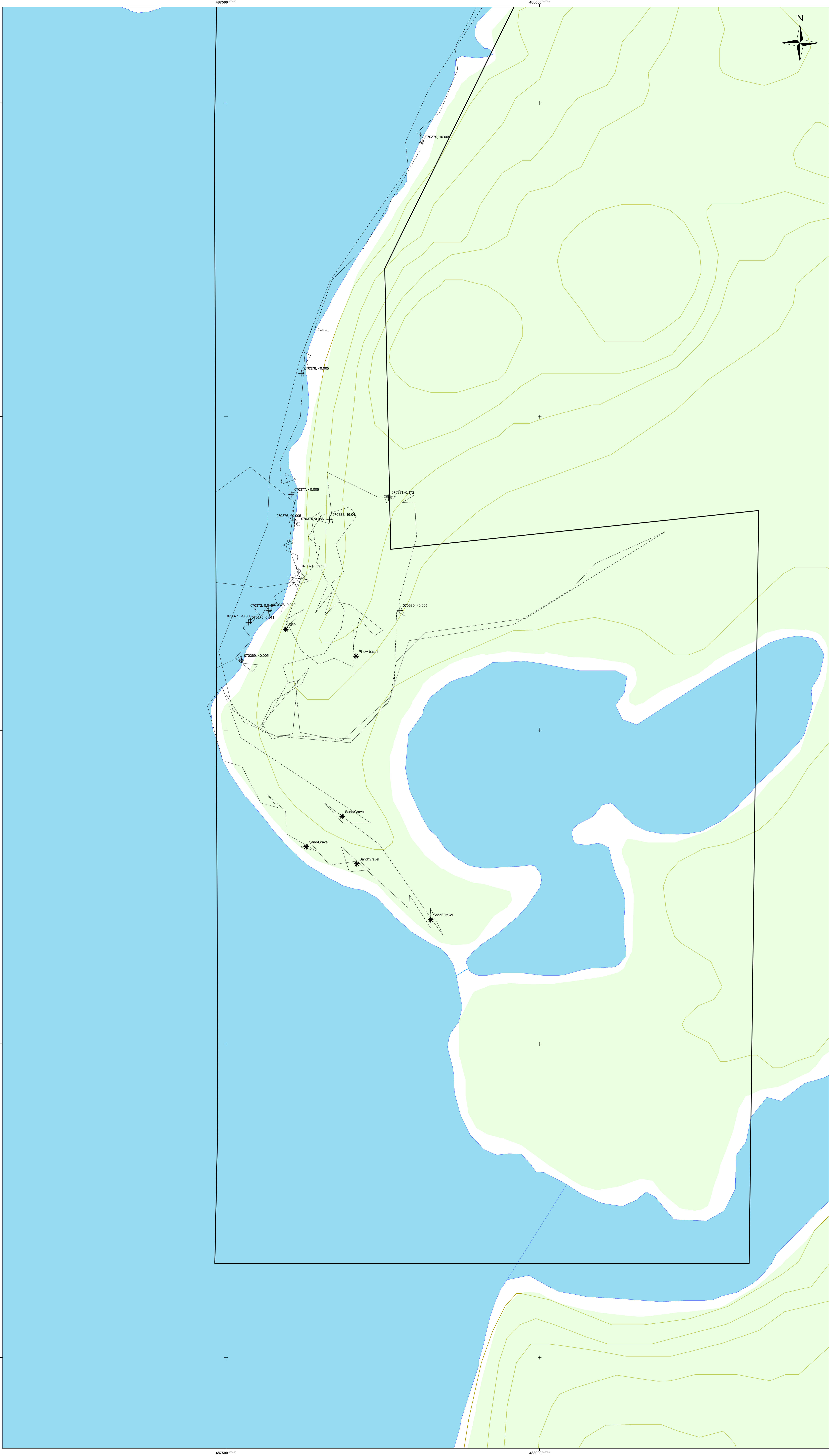
  
Shawn Rask  
Laboratory Assistant Manager

Certified By:

  
Andrew Oleski  
Lab Manager - Thunder Bay

Authorized By:

  
Derek Demianiuk, VP Quality**The results included on this report relate only to the items tested.****The Certificate of Analysis should not be reproduced except in full, without the written approval of the laboratory.**



**Legend**

- \* Waypoint
- + Samples (Sample ID, Au ppm)
- - - Traverses
- Claim Boundary
- Road
- - - Trail
- Lake
- River
- Contour Lines
- Wooded\_Area

Strike Minerals Inc.			
Map 1			
Sample Locations & Traverses			
Author: PE	NTS: 42N/14SW	Scale: 1:3000	
Date: Nov-15	Projection: UTM NAD 83, Zone 16 U		