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NTS 31 M/4

PROSPECTING REPORT

ARSENIC LAKE PROPERTY
R. Comstock, F. Blake, W. Adair

Strathy Twp.
Sudbury Mining Division

November 3, 2019.

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PROSPECTING REPORT

Summary:

On July 8 and 9, 2019 prospecting was undertaken on the Arsenic Lake Property by Robert Comstock, Wayne Adair and Fred Blake. The group prospected and subsequently sampled an area surrounding a historic showing 240 meters south of the west side of Arsenic Lake about a mile north of the town of Temagami.

Property History

A 76 meter long and up to 12 meter wide trench was presumably worked by Manitoba and Eastern Mines or successor Penrose Mines Limited before or after 1948 when the takeover occurred. Pyrite and chalcopyrite massive stringers and blebs occur within sheared and fractured metavolcanics (Map 2323 OGS Report 163 p100). The zone strikes east west and dips vertically. A sample taken in 1970 by Ontario Division of Mines geologist contained 5.6 percent copper, 0.26 percent zinc, 0.08 oz/ton gold and 3.78 oz/ton silver.

Property Description and Access

The property consists of 6 boundary claims situated in central Strathy Township in the Sudbury Mining Division. The legacy claim number is 4281730. The claims are owned by Robert Comstock, Wayne Adair and Fred Blake sharing 1/3 each. Access to the property was by way of a good quality gravel bushroad passing within a few hundred meters to the west of the area of interest.

Legacy Claim Id	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied
4281730	STRATHY	131343	Boundary Cell Mining Claim	2019-05-25	Hold Pending extension of time	33.3	200	0

Legacy Claim Id	Township / Area	Tenure ID	Tenure Type	Anniversary Date	Tenure Status	Tenure Percentage	Work Required	Work Applied
4281730	STRATHY	131344	Boundary Cell Mining Claim	2019-05-25	Hold Pending extension of time	33.3	200	0
4281730	STRATHY	249326	Boundary Cell Mining Claim	2019-05-25	Hold Pending extension of time	33.3	200	0
4281730	STRATHY	270046	Boundary Cell Mining Claim	2019-05-25	Hold Pending extension of time	33.3	200	0
4281730	STRATHY	329998	Boundary Cell Mining Claim	2019-05-25	Hold Pending extension of time	33.3	200	0
4281730	STRATHY	329999	Boundary Cell Mining Claim	2019-05-25	Hold Pending extension of time	33.3		

Daily Log and Work Description:

July 8th, 2019. As part of the prospecting programme, 300 meters of trail-clearing, stripping and cleaning was required to get fresh rock at the sample sites in and around a historic trench. Grub-hoes, pick-axes and shovels were the implements of choice to clear away accumulative wood debris, vegetation and dirt. R. Comstock, W. Adair and F. Blake worked a long day on July 8th, 2019.

Nature and Content of Rocks: sheared and fractured zone in mafic metavolcanics containing massive stringers of pyrite and chalcopyrite

Topography, Ground Cover, Vegetation: rugged locally, uneven ground, thin overburden with large birch, spruce, poplar and balsam

July 9th, 2019 As part of the prospecting programme, further prospecting in and around the trench was done and a series of 5 grab samples were taken in and around the perimeter of a historic trench 70 meters of length and 3 meters in width and up to 3 meters deep . R. Comstock, W. Adair and F. Blake worked another long day on July 9th, 2019 to finish prospecting and subsequent sampling.

The five samples were crushed to 20 lbs. and then rolled into a representative analysis of the total of the five samples. The intent was to get some idea of representative content and Au grade over the spread of samples.

Nature and Content of Rocks: sheared and fractured zone in mafic metavolcanics containing massive stringers of pyrite and chalcopyrite

Topography, Ground Cover, Vegetation: rugged locally, uneven ground, thin overburden with large birch, spruce, poplar and balsam

Sample Description

A whole rock analysis was done on one sample (Arsenic Lake). Five separate samples were crushed and put together and analyzed. GPS Garmin Map 76CsX NAD 83 sample locations as follows:

057	17 T 590212 E 5215811 N
058	17 T 590217 E 5215825 N
059	17 T 590245 E 5215823 N
060	17 T 590233 E 5215815 N
061	17 T 590213 E 5215818 N

Sample 057 Mafic metavolcanic with pyrite stringers

Sample Description

A whole rock analysis was done on one sample (Arsenic Lake). Five separate samples were crushed and put together and analyzed. GPS Garmin Map 76CsX NAD 83 sample locations as follows:

057	17 T 590212 E 5215811 N
058	17 T 590217 E 5215825 N
059	17 T 590245 E 5215823 N
060	17 T 590233 E 5215815 N
061	17 T 590213 E 5215818 N

Sample 057 Mafic metavolcanic with pyrite stringers



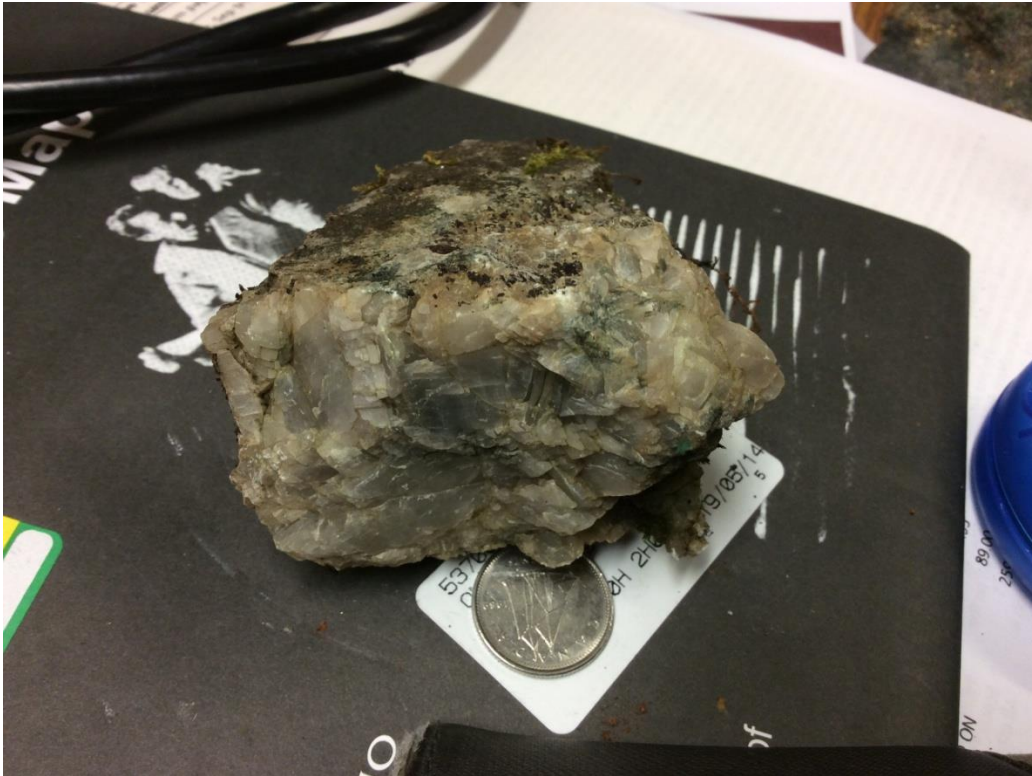
Sample 058 Massive pyrite and arsenopyrite in intermediate metavolcanic rock



Sample 059 mafic metavolcanic with quartz carbonate veining and pyrite blebs



Sample 060 smoky quartz speckled with pyrite



Sample 61 Intermediate volcanic with chalcopyrite blebs



Conclusions and Recommendations

The property is located within a highly prospective area with the Leckie gold deposit about one km to the east. Further work is certainly warranted.

The property should be covered with a magnetic and electrical survey to map further prospective structure and mineralization. In addition the prospect would benefit immensely from a mechanical stripping program at the occurrence. An excavator could be walked in 200-300 meters from the bush road to the west.

References

Bennett, G. 1978 Ontario Geological Survey Report No. 163
Geology of Northeast Temagami Area

CERTIFICATE OF AUTHOR

I, David Laronde of the town of Temagami, Ontario hereby certify:

1. That I am a geology engineering technologist and have been engaged in the mineral exploration industry for the past 40 years.
2. That I am a graduate of Cambrian College in Sudbury with a diploma in Geology Engineering Technology 1979
3. That my knowledge of the property described herein was acquired by documentation.

Dated at Temagami this 3rd day of November 2019.



David Laronde



4281730 - Legacy claim line

4281730

4272874

329998

590 000 E

92767

226137

31M04F351

249326

329998

31M04F352

126770

A r s e n i c L a k e

Zone 17

5216000M

4282190

4282351

235248

* 13 13 44

MV

Trench

X samples

4281730 - Legacy claim line
4282358

329999

235247

31M04F372

26071

31M04F

700 N

4280189

4282358



PROSPECTING MAP

- ↓ Swamp
- MV Mafic Volcanic rock
- X - sample
- Trench 70m x 10ft.
- ... Traverse prospecting direction

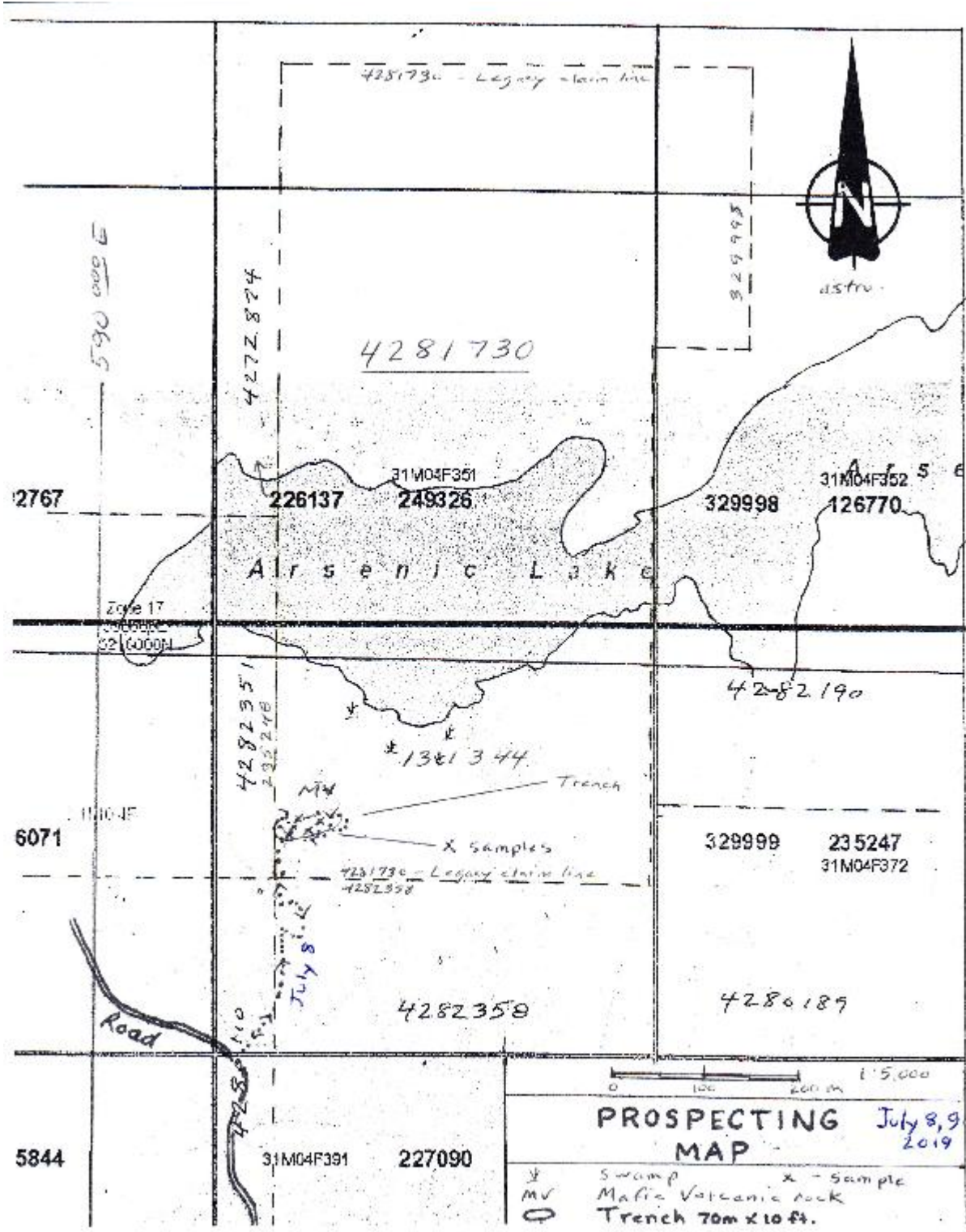
Road

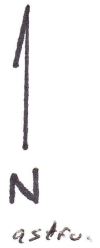
4280110

31M04F391

227090

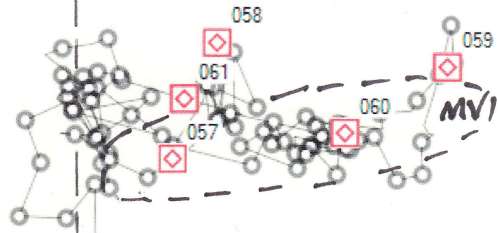
85844



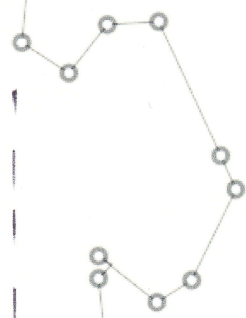


235248

131344



4281730 - Legacy claim number (line)



235248

SAMPLE LOCATION
PROSPECTING TRAVERSE

MV - mafic volcanics

o-o-o - Traverse 1:1,000

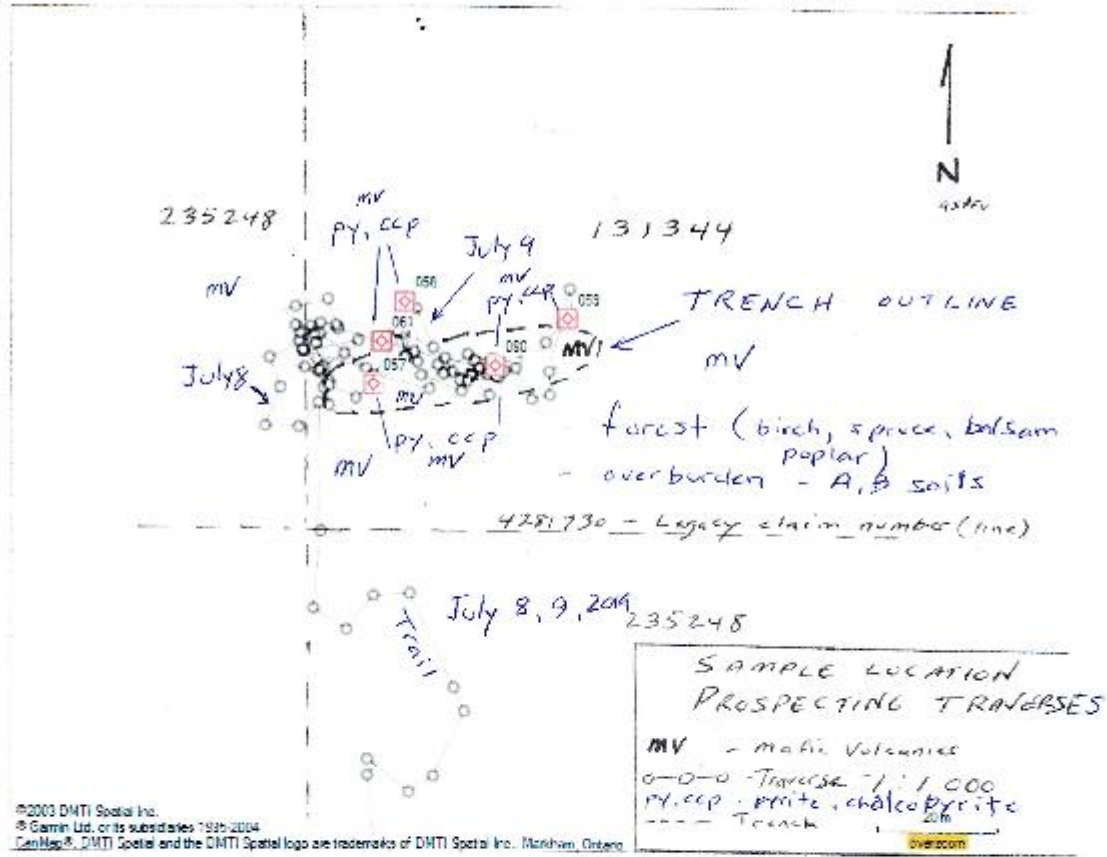
--- Trench

20m

overzoom

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ARSENIC LAKE PROPERTY



NTS 31M4

ARSENIC LAKE PROPERTY

1:1,000
0 10 20
meters



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To: ROBERT COMSTOCK
 BOX 43
 TEMAGAMI ON POH 2H0

Page: 1
 Total # Pages: 2 (A - B)
 Plus Appendix Pages
 Finalized Date: 7-AUG-2019
 Account: RCAMRGWN

CERTIFICATE SD19180282

Project: Arsenic Lake

This report is for 1 Rock sample submitted to our lab in Sudbury, ON, Canada on 23-JUL-2019.

The following have access to data associated with this certificate:
 ROBERT COMSTOCK

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-21	Pulverize split to 85% <75 um
CRU-21	Crush entire sample
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP06	Whole Rock Package - ICP-AES	ICP-AES
OA-GRA05	Loss on Ignition at 1000C	WST-SEQ
TOT-ICP06	Total Calculation for ICP06	
Au-AA23	Au 30g FA-AA finish	AAS

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.
 ***** See Appendix Page for comments regarding this certificate *****

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager

Arsenic Lake Property Strathby Twp.



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Page: 2 - A
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Project: Arsenic Lake

CERTIFICATE OF ANALYSIS SD19180282

Sample Description	Method Analyte Units LOD	WEI-21 Recvd Wt. kg	CRU-QC Pass2mm %	PUL-QC Pass75um %	Au-AA23 Au ppm	ME-ICP06 SiO2 %	ME-ICP06 Al2O3 %	ME-ICP06 Fe2O3 %	ME-ICP06 CaO %	ME-ICP06 MgO %	ME-ICP06 Na2O %	ME-ICP06 K2O %	ME-ICP06 Cr2O3 %	ME-ICP06 TiO2 %	ME-ICP06 MnO %	ME-ICP06 P2O5 %
Arsenic Lake		6.90	83.9	90.9	0.088	36.2	10.50	25.9	9.28	4.96	0.02	0.02	0.013	1.36	0.43	0.17

***** See Appendix Page for comments regarding this certificate *****



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Page: 2 - B
 Total # Pages: 2 (A - B)
 Plus Appendix Pages
 Finalized Date: 7-AUG-2019
 Account: RCAMRGWN

Project: Arsenic Lake

CERTIFICATE OF ANALYSIS SD19180282

Sample Description	Method Analyte Units LOD	ME-ICP06	ME-ICP06	OA-GRA05	TOT-ICP06
		SrO %	BaO %	LOI %	Total %
Arsenic Lake		<0.01	<0.01	7.44	96.29

***** See Appendix Page for comments regarding this certificate *****



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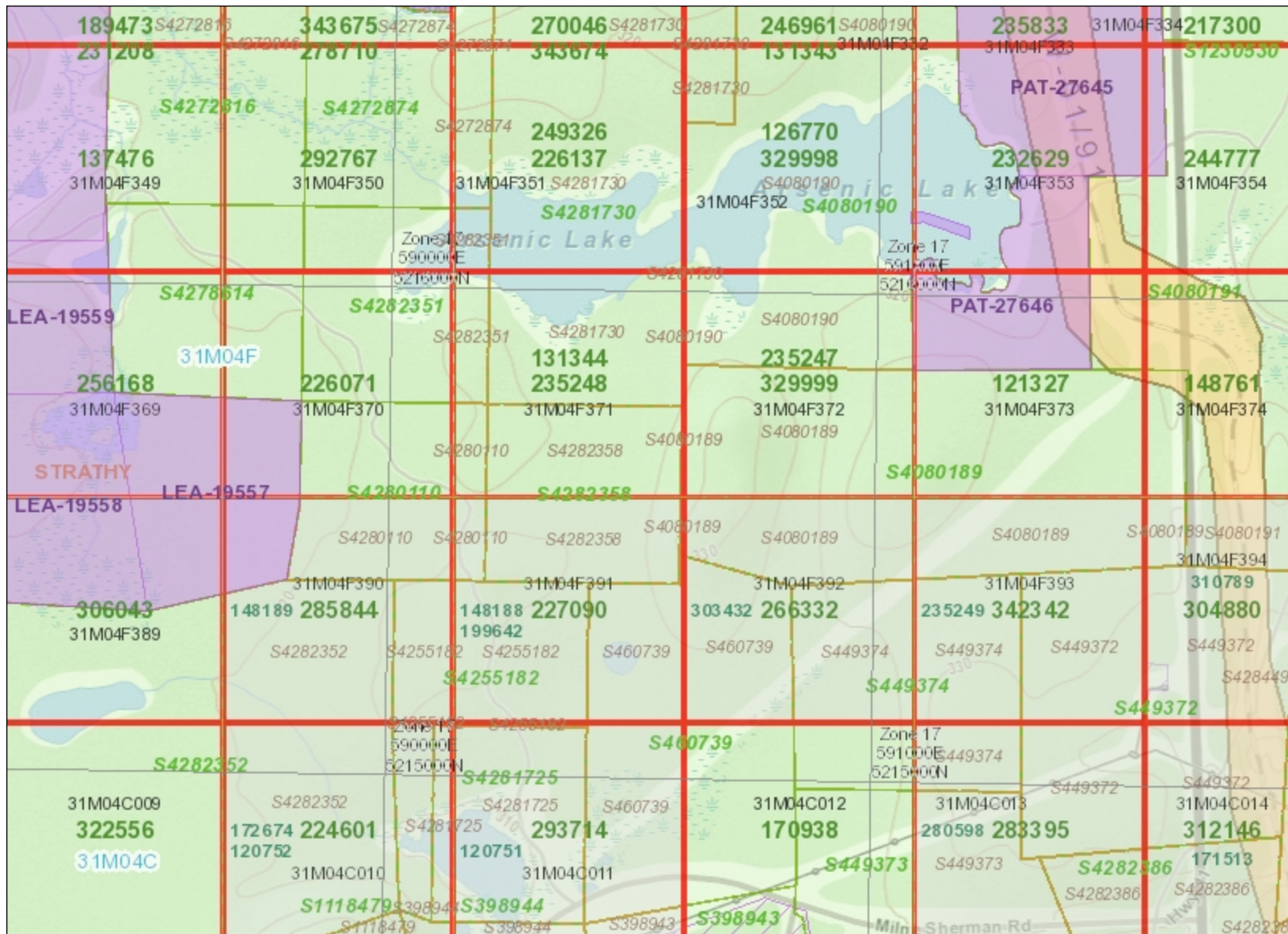
To: ROBERT COMSTOCK
 BOX 43
 TEMAGAMI ON POH 2H0

Page: Appendix 1
 Total # Appendix Pages: 1
 Finalized Date: 7-AUG-2019
 Account: RCAMRGWN

Project: Arsenic Lake

CERTIFICATE OF ANALYSIS SD19180282

CERTIFICATE COMMENTS			
LABORATORY ADDRESSES			
Applies to Method:	Processed at ALS Sudbury located at 1351-B Kelly Lake Road, Unit #1, Sudbury, ON, Canada.		
	CRU-21	CRU-31	CRU-QC
	PUL-31	PUL-QC	SPL-21
			LOG-22
			WEI-21
Applies to Method:	Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.		
	Au-AA23	ME-ICP06	OA-GRA05
			TOT-ICP06



Legend

- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - Geographic Lot Fabric
 - UTM Grid 1K
 - UTM Grid 10K
 - Mining Division
 - Mineral Exploration and Development Region
 - CLUPA Protected Area - Far North
 - Resident Geologist District
 - Federal Land Other
 - Native Reserves
- AMIS Sites**
 - AMIS Sites
 - AMIS Features
 - Drill Hole
 - Mineral Occurrences
- MLAS Mining History**
 - Withdrawal - History
 - Notice - History
 - Mining Claim - History
 - Mining Land Tenure - History
 - Legacy Claim
- Provincial Grid**
 - Provincial Grid 250K
 - Provincial Grid 50K
 - Provincial Grid Group
- Land Tenure**
 - Surface Rights
 - Mining Rights
 - Mining and Surface Rights
 - Order-in-Council



Projection: Web Mercator



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Arsenic Lake Property Strathy Twp.

