



NI 43-101
INDEPENDENT TECHNICAL REPORT
ON THE
ALLISON LAKE NORTH PROPERTY
FOR
PORTOFINO RESOURCES INC.

Ear Falls, Ontario
51.11°N, -92.39°W

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Effective date December 10, 2022

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1.0 SUMMARY

This technical report, entitled “43-101 Independent Technical Report on the Allison Lake North Property for Portofino Resources Inc., Ear Falls, Ontario” (this “Report”) was prepared by Michael Kilbourne, P.Geo. (the “Author”) and Bruce MacLachlan, P.Geo. (Limited) (the “co-Author”) at the request of Portofino Resources Inc., (“Portofino” or the “Company” or the “Issuer”) a public company whose shares are listed on the TSX Venture Exchange under the symbol TSXV:POR. This Report is specific to the standards dictated by National Instrument 43-101 *Standards of Disclosure for Mineral Projects* (“NI 43-101”) in respect to the Allison Lake North Property (the “Property”), which consists of a total of seven (7) multi-cell mining claims in 3 separate groups and covers an area of approximately 2,288 hectares located 80 km northeast of Ear Falls, Ontario. This Report assesses the technical merit and economic potential of the project area and recommends additional exploration.

1.1 PROPERTY DESCRIPTION, LOCATION AND ACCESS

The Property is located approximately 80 km northeast of Ear Falls, Ontario. The nearest settlement is the town of Ear Falls, Ontario with a current approximate population of 1,000 inhabitants. The property lies within NTS map sheet 52N/01 and straddles four townships of Costello, Latrielle Lake Area, Jubilee Lake Area and Birkett Townships in the Red Lake Mining District of Ontario. The approximate geographic centre coordinates of the Property are 51.11°N, -92.39°W (UTM coordinates 542639E, 5663176N, Zone 15U, NAD83). The overall Property covers an area of approximately 2,288 hectares in 3 non-contiguous claim groups. Access is readily gained by an all-weather road from Ear Falls and a network of logging roads within the Property.

1.2 OWNERSHIP AND AGREEMENTS

The Property consists of 7 multi-cell mineral claims consisting of 113 cell units and covers an area of 2,288 hectares. The claims registered to Solstice Gold Corp. were subject to an Option Agreement entered into between the Issuer, Gravel Ridge Resources Ltd. and 1544230 Ontario Inc. which is signed and dated April 6, 2021. Gravel Ridge Resources and 1544230 Ontario Inc. then sold 100% interest, right and title to the claims in the Option Agreement to Solstice Gold Inc. (the “Optionors”). This transaction was approved by the TSXV and closed on October 4, 2021. Portofino has the option to acquire a 100% interest in the Allison Lake North Property for cash consideration totaling \$78,000 and the issuance

of 800,000 common shares (the “Transaction”) over a 3-year period from Solstice Gold Corp.

The claims registered to Perry English were sold by 1544230 Ontario Inc. (Perry English) and Gravel Ridge Resources Ltd. (the “Vendors”) in a purchase agreement, whereby the Issuer paid \$2000 in cash and issued 400,000 common shares to the Vendors for 100% interest, right and title.

1.3 HISTORY OF EXPLORATION

There is only one assessment report and historical recorded activity with the claim groups. The northern claim group has had no prior recorded assessment work. The southern claim groups were included in a regional reconnaissance exploration program of the Uchi Subprovince conducted by Getty Canadian Metals Ltd. (Getty) in 1984. Exploration activities by Getty were concentrated on VMS and precious metal deposit types.

The Allison Lake area has been mapped and sampled over the years by the OGS between 1973 and 2001. The area became prominent following the surge in price of tantalum in the year 2000 which saw the metal rise 420%.

As part of the OGS Operation Treasure Hunt Open File Report 6099 published in 2003 by Breaks et al., the Allison Lake Batholith was re-visited as part of a Superior Province wide field study to initiate the development of a comprehensive field, chemical, mineralogical and geochronological database for fertile granites and associated rare-element pegmatites. The work in the 2001 field season focused on northwestern Ontario with the Allison Lake Batholith being one of the primary study areas. Pertinent to this Report is that the study by Breaks et al., 2003 concluded that the “delineation of the largest fertile granite mass in northwestern Ontario (Allison Lake Batholith) a 15 x 50 km area is recommended for rare-element exploration”.

The highest trace element values obtained from bulk rock samples by Breaks et al., 2003 included **190 ppm Li, 90 ppm Cs, 587 ppm Rb, and 12.9 ppm Ta.**

1.4 GEOLOGY AND MINERALIZATION

The Allison Lake North Property is located in the western portion of the Allison Lake Batholith within the Birch-Uchi greenstone belt within the Uchi Subprovince of the Superior Province of Canada. The Uchi Subprovince is an east-trending granite-greenstone domain between 50 and 70 kilometers in width, extending approximately 700 kilometers from Lake Winnipeg in the west to the James Bay Lowlands. It is generally characterized by a high proportion of supracrustal rocks that contain sinuous,

interconnected greenstone belts that are wrapped around, separated and intruded by granitoid batholiths, plutons and stocks.

The Allison Lake North Property is underlain by the western portion of the Allison Lake Batholith. The Batholith itself is a tadpole-shaped, 16 km by 40 km peraluminous pegmatitic granitoid with a southeast trending narrow pegmatitic “tail” on the southern portion of the batholith. The fine- to medium-grained granitic batholith is comprised of a collage of pegmatitic units consisting of white weathered, muscovite and biotite-muscovite potassic pegmatite; pegmatitic leucogranite and fine-grained leucogranite sporadically layered with fine-to-medium-grained biotite granite; biotite-muscovite granite; garnet-muscovite granite; and sodic aplite. Furthermore, numerous veins and dykes of potassic pegmatite also transect the granite. Reported accessory minerals within the pegmatites include black tourmaline, red garnet and blue-green fluorapatite.

Discussed in the work performed by Breaks, et al. (2003) they determined significant variations of trace-elements across the Allison Lake batholith that included lithium and cesium. Lithium was determined to have a range of between 9 ppm to 190 ppm, with an overall mean of 78 ppm. Bulk sampling carried out by Breaks, et al. (2003) collected 22 samples at various locations within the Allison Lake batholith, including two samples within the southeastern ‘tail’. Their work indicated that the most evolved portion of the batholith was the western section and the narrow southeastern tail, which contained the highest lithium levels in their sampling, therefore the most fractionated portion of the batholith.

1.5 DEPOSIT TYPES

Rare-element (Li, Cs, Rb, Tl, Be, Ta, Nb, Ga, and Ge) pegmatite mineralization associated with S-type, peraluminous granite plutons is distributed over a wide expanse of the Superior Province of northeastern and northwestern Ontario.

Past work in more localized areas of the Superior Province of Ontario has led to a proposed linkage between peraluminous, S-type, fertile parent granites and rare-element pegmatites. Most pegmatite swarms that can be linked with an exposed fertile, parent granite pluton are situated within approximately 15 km of such granites.

A fertile granite is the parental granite to rare-element pegmatite dikes. Many granitic melts have the capability to first crystallize a fertile granite pluton, and the residual melt from such a pluton can then migrate into the host rock and crystallize pegmatite dikes. Fertile granites differ from barren (common) granites by their geochemistry, mineralogy and textures. Fertile granites tend to be small in areal extent, typically greater than 10

km². Fertile granites are silicic (quartz-rich) and peraluminous which results in crystallization of aluminum-rich minerals, such as muscovite, garnet and tourmaline.

Intrusions of fertile granites are typically heterogeneous consisting of several units, which are transitional to each other and, in most cases, have separated from a single intrusion of magma. Most of the rock types contain a characteristic assemblage of peraluminous accessory minerals.

Fractional crystallization of a granitic melt will first crystallize a barren granite composed of common rock-forming minerals (i.e., quartz, potassium feldspar, plagioclase, and mica). This type of granite is very common in the Superior Province, Ontario. As common rock-forming minerals crystallize, and separate from the granitic melt, the granitic melt will become enriched in incompatible rare-elements (such as Be, B, Li, Rb, Cs, Nb, Ta, Mn, Sn) and volatiles (H₂O and F). The incompatible elements will wait until the last possible moment to crystallize.

Granite-pegmatite systems are largely confined to deep faults, pre-existing batholithic contacts or lithologic boundaries. They typically occur proximal to subprovince boundaries within the Superior Province.

The residual fractionated granitic melt that remains after the fertile granite intrusion has formed can intrude along fractures in the host rock to form pegmatite dikes. The pegmatite dikes increase in degree of fractionation, volatile enrichment, complexity of zoning within individual pegmatite dikes and extent of alteration with increasing distance from their parent fertile granite. Pegmatite dikes increase in rare-element (Li, Be, Cs, Nb, Ta) content with increasing fractionation. These types of pegmatite occurrences are deemed rare-element pegmatites and are the focus of the Issuer's exploration efforts.

1.6 EXPLORATION

Since signing the Option Agreement, Portofino has completed the following exploration programs:

- 1) Mapping and sampling from June 21-29, 2021.
- 2) Mapping and sampling from September 10-19, 2021
- 3) High resolution heliborne magnetometer survey between April 30 to June 5, 2022.
- 4) Mapping and sampling from September 26 to October 2, 2022

From the June/September 2021 sampling, results of **412 ppm Li, 1040 ppm Rb, 90.5 ppm Cs, 143 ppm Ta and 138 ppm Nb** were the highest yet recorded on the Property. These values represent an approximately twofold increase in Li (from 190 ppm Li)

compared to the 2001 OGS sampling program within the Allison Lake Batholith, as well as a twofold increase in Rb (from 587 ppm Rb), no increase in Cs (90 ppm Cs), and more than a tenfold increase in Ta (from 12.9 ppm Ta).

The Mg/Li ratios of the sampling programs are well below a ratio of 30, with some very close to a value of 1. In total, 96% of the samples taken indicate a high degree of fractionation within the Allison Lake Batholith.

Newly discovered pegmatites were mapped and sampled in the fall 2022 program and were elevated in Li, Cs Nb, Be and Ta, all good fractionate indicators. The Mg/Li ratio indicates a high degree of fractionation within and along the edges of the Allison Lake Batholith and into the Jubilee metasediments

1.7 INTERPRETATION AND CONCLUSIONS

The Allison Lake North property is hosted within and on the edge of the Allison Lake Batholith. The Allison Lake Batholith is located within the Archean-aged Uchi Subprovince of the Superior Province in northwestern Ontario. Northwestern Ontario Archean-aged subprovinces are host to numerous rare-element pegmatite deposits and occurrences.

The Allison Lake Batholith represents an important new exploration target for rare-element mineralization and is the largest such granite thus far documented in Ontario.

The following salient features of the Allison Lake North Property makes this a property of high merit for rare-element pegmatite mineralization:

- 1) Observed and mapped pegmatite dykes on the Property.
- 2) Elevated lithium, beryl, cesium, tantalum, rubidium and niobium values in pegmatite dykes within the property suggesting a rare-element pegmatite type deposit model consistent with other pegmatite fields in northwestern Ontario.
- 3) Mg/Li ratio's suggesting that the parent granite is fertile and peraluminous and that pegmatites are lithium-bearing.
- 4) Known lithium-bearing pegmatites (SJ Pegmatite) proximal to the southern claim group and the Root Lake pegmatite field associated with the Allison Lake Batholith.
- 5) Proximity (20 km) to the Uchi-English River terrane boundary. Granite-pegmatite systems typically occur along subprovince boundaries.
- 6) The first conducted exploration on the Property underpinning how little systematic exploration has been completed.

It is of the Author's and co-Author's opinion that the Allison Lake North Property be continued to be explored for rare-element mineralization as indications are favourable for continued success.

1.8 RECOMMENDATIONS

The Allison Lake North Property is an underexplored property that represents an early-stage mineral exploration opportunity that is contained within the fertile S-type peraluminous granite of the Allison Lake Batholith, which has the potential for the discovery of rare-element mineralization. Applying modern day exploration techniques and up to date geological modeling based on similar model type deposits typical of rare-element pegmatite deposits in northwestern Ontario will undoubtedly lead to or provide the clues to a possible lithium-bearing pegmatite deposit. This can only be accomplished when a prudent methodical approach is considered comprised of geological studies, geochemical sampling, geological interpretations and a complete understanding of the model. When these combined efforts are considered and carried out, there exists the possibility of a discovery.

As no exploration work has been previously done on the Property other than research investigations by the OGS, a compilation of any and all historical geological, geochemical and geophysical data (i.e., Breaks et al 2003) into GIS referenced layers is the first and most important base of needed knowledge for methodical and diligent well-vectored exploration. Next, field work consisting of geological mapping and geochemical sampling of outcroppings with details to pegmatite dyking, style of dyking and interaction with nearby lithologies should be recorded. Whole rock analysis and rare element analysis to determine fertility and fractionation trends should be part of the analytical work. The contact of the Jubilee metasediments with the Allison Lake Batholith along fractionation trends should be systematically mapped. Possible blind pegmatites modeled to be hosted within the metasediments or along the batholith could undergo soil sampling. This would be considered Phase 1 and is estimated to cost \$107,000 (Table 11.1)

Stripping, trenching, washing of pegmatitic outcrops and systematic channel sampling should follow-up on those areas of high merit and considered Phase II which would be dependent on Phase I results.

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO

Table 1.1 Estimated cost Phase 1 exploration on the Allison Lake North Property.

Allison Lake North Phase I Exploration Program						
Work Type	Details	Units	Unit Amount	Unit Cost	Sub-total	Sub-total by category
Preperation, travel, labour, R&B	Preperation and GIS	days	4	\$ 1,700.00	\$ 6,800.00	
	Travel	days	4	\$ 1,700.00	\$ 6,800.00	
	Prospecting, Soil Sampling & Mapping (2 men)	days	25	\$ 1,700.00	\$ 42,500.00	
					\$ 56,100.00	\$ 56,100.00
Rentals	Rock Saw Rental	days	7	\$ 50.00	\$ 350.00	
	Camp Rental	days	7	\$ 200.00	\$ 1,400.00	
					\$ 1,750.00	\$ 1,750.00
Travel	Mileage	km	7000	\$ 1.00	\$ 7,000.00	
	Float Plane access	trips	6	\$ 1,000.00	\$ 6,000.00	
					\$ 12,500.00	\$ 12,500.00
Assays	Rock Analysis	samples	150	\$ 60.00	\$ 9,000.00	
	Soil Analysis	samples	150	\$ 60.00	\$ 9,000.00	
	Lake Sediment Analysis	samples	20	\$ 60.00	\$ 1,200.00	
					\$ 19,200.00	\$ 19,220.00
Supplies	Sample bags, flagging, batteries, generator & saw gas etc.	days	25	\$ 75.00	\$ 1,875.00	
					\$ 1,500.00	\$ 1,500.00
Reporting	Labour	days	4	\$ 700.00	\$ 2,800.00	
	Drafting	hours	25	\$ 80.00	\$ 2,000.00	
					\$ 4,800.00	\$ 3,700.00
	Sub-total					\$ 94,770.00
	Contingency 10%					\$ 12,230.00
Total Phase 1					\$	107,000.00

The Author Michael Kilbourne P.Geo., is a Qualified Person as defined by Regulation 43-101, and that by reason of my education, affiliation with a professional association and past relevant work experience fulfil the requirements to be a “Qualified Person” for the purposes of Regulation 43-101.

2.0 INTRODUCTION

At the request of Portofino Resources Inc., a public company whose shares trade on the TSX Venture Exchange (TSXV:POR), Michael Kilbourne, P.Geo. and Bruce MacLachlan, P.Geo.(Limited) have completed an independent report on the company's option agreement to acquire 100% interest in the Allison Lake North Property.

This report is an Independent Technical Report prepared to Canadian National Instrument 43-101 standards. This report assesses the technical merit and economic potential of the project area and recommends additional exploration.

This report has principally been prepared by Michael Kilbourne, P.Geo., (PGO #1591, OGQ #1971 and NAPEG # L4959) who has over 40 years in the exploration and mining industry in base and precious metal exploration and mining in Archean greenstone belts of the Canadian Shield similar to the host rocks of the Allison Lake North Property of northwestern Ontario. The Author has not visited the Property. The Co-Author has completed sampling and mapping programs in June and September 2021 and October-November, 2022.

Neither Michael Kilbourne, P.Geo. or Bruce MacLachlan, P.Geo. (Limited) have a business relationship other than acting as independent geological consultants for the Issuer and as independent Qualified Persons as defined by the National Instrument 43-101. The views expressed herein are genuinely held and considered independent of the Issuer.

The report is based on the Author's knowledge of precious, base metal and rare-element pegmatite deposits hosted within the Superior Province of the Canadian Shield, their mineralization, alteration and structural environments, observations of bedrock exposures, drill core and former underground and open pit experience at the Pamour Gold Mine in Timmins, Ontario from 1991-1996.

The report is also based on the co-Author's knowledge of precious, base metal and rare-element pegmatite deposits hosted within the Superior Province of the Canadian Shield, their mineralization, alteration and structural environments, observations of bedrock exposures and drill core. The co-Author is credited with the discovery numerous occurrences including the Eagle River Deposit located near Wawa Ontario (Wesdome) and the Sugar Zone Mine north of White River (Harte Gold).

This report was based on information known to the Authors as of December 10, 2022.

2.1 UNITS OF MEASURE, ABBREVIATIONS AND NOMENCLATURE

The units of measure presented in this Report, unless otherwise denoted, are in the metric system. A list of the main abbreviations and terms used throughout the Report are presented in Table 2.1.

Table 2.1 *List of Abbreviations*

Abbreviations	Full Description
AFRI	Assessment File Research Image
ATV	all terrain vehicle
Au	gold
Be	beryl
C	celsius
cm	centimetre
Cs	cesium
DFO	Department of Fisheries
EM	electromagnetic
Ga	gallium
Ga.	billions of years
GPS	global positioning system
GSC	Geological Survey of Canada
Hz	hertz
km	kilometre
Li	lithium
LRIA	Lakes and Rivers Improvement Act
m	metre
Ma	millions of years
MDI	Mineral Deposit Inventory
Mg	magnesium
MLAS	Mining Lands Administration Inventory
MENDM	Ministry of Energy, Northern Development and Mines
MNR	Ministry of Natural Resources
Mt	millions of tonnes
NAD83	North American Datum of 1983
Nb	niobium
NSR	net smelter return
OGS	Ontario Geological Survey
PGO	Professional Geoscientists of Ontario
PLA	Public Lands Act
QA/QC	Quality Assurance/Quality Control
Rb	rubidium
Ta	tantalum
UTM	Universal Transverse Mercator coordinate system
VLF	very low frequency
VMS	volcanogenic massive sulphides
VTEM	Versatile Time Domain Electromagnetic

3.0 RELIANCE ON OTHER EXPERTS

The Author and co-Author, Qualified and Independent Persons as defined by Regulation 43-101, was contracted by Portofino to study technical documentation relevant to the report and to recommend a work program if warranted. The Author has reviewed the mining titles and their statuses, as well as any agreements and technical data supplied by the Issuer (or its agents) and any available public sources of relevant technical information.

Claim status was supplied by the Issuer. The Author has verified the status of the claims using the Ontario government's online claim management system via the Mining Lands Administration System ("MLAS") website at: <https://www.mlas.mndm.gov.on.ca>. The Author is not qualified to express any legal opinion with respect to the government of Ontario mining claim allocations.

The author relied on reports and opinions as follows for information that is not within the Authors' fields of expertise:

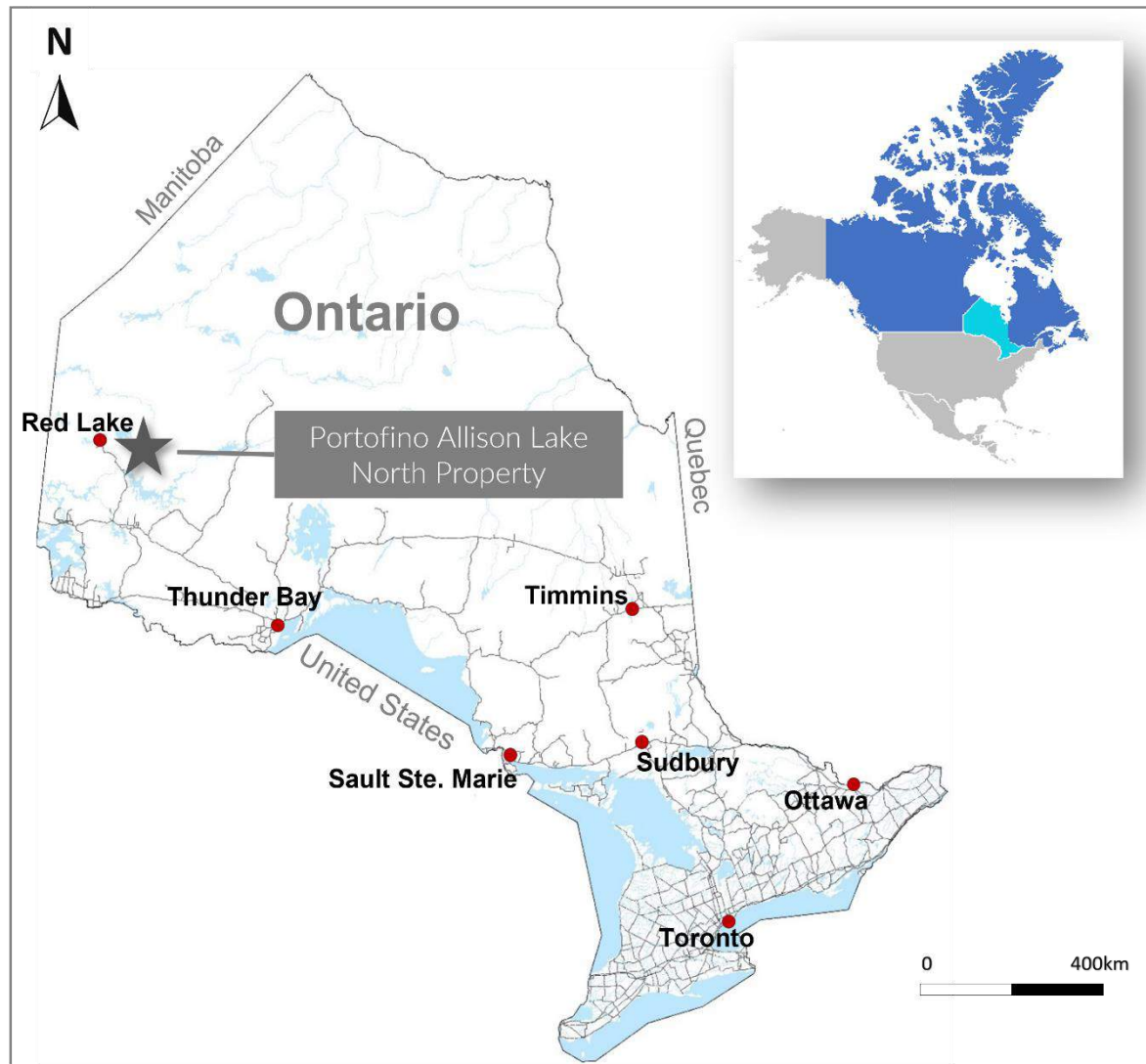
- Information regarding the purchase agreement between the Issuer and Solstice Gold Corp. was supplied by David Tafel, CEO and for Portofino in an email dated September 21, 2022. The Author is not qualified to express any legal opinion with regards to purchase agreements, satisfaction of terms and possible litigation.
- Information regarding the purchase agreement between the Issuer and Gravel Ridge Resources and 1544230 Ontario Inc. was supplied by David Tafel, CEO and for Portofino in an email dated September 21, 2022. The Author is not qualified to express any legal opinion with regards to purchase agreements, satisfaction of terms and possible litigation.

4.0 PROPERTY DESCRIPTION and LOCATION

4.1 LOCATION

The Property is located approximately 80 km northeast of Ear Falls, Ontario. (Figure 4.1). The nearest settlement is the town of Ear Falls, Ontario with a current approximate population of 1,000 inhabitants. The property lies within NTS map sheet 52N/01 and straddles four townships of Costello, Latrielle Lake Area, Jubilee Lake Area and Birkett Townships in the Red Lake Mining District of Ontario. The approximate geographic centre coordinates of the Property are 51.11°N, -92.39°W (UTM coordinates 542639E, 5663176N, Zone 15U, NAD83). The overall Property covers an area of approximately 2,288 hectares.

Figure 4.1 Location map of the Allison Lake North Property, northwestern Ontario.



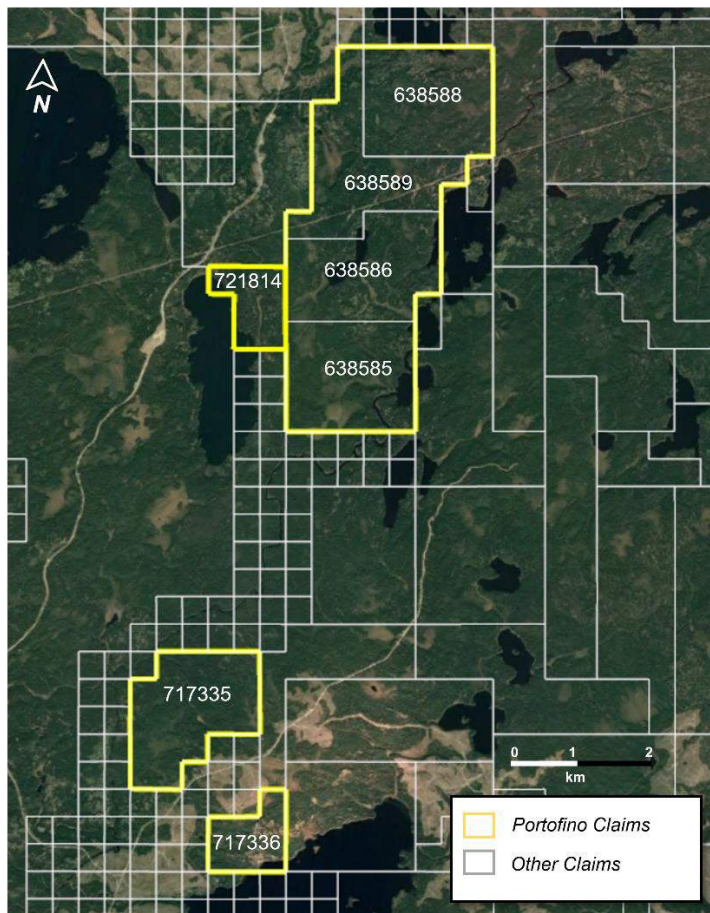
4.2. MINING TENURE AND OWNERSHIP

The Property consists of 7 multi-cell mineral claims consisting of 113 cell units and covers an area of 2,288 hectares. Claims in Table 4.1 were staked through the online MLAS system (Table 4.1). Figure 4.1 displays the claim fabric of the seven mineral claims listed in Table 4.1.

Table 4.1 List of mineral claims pertaining to the Option Agreement. Source MLAS.

Tenure ID	Township / Area	Tenure Type	Anniversary Date	Tenure Status	Registered Owner	Tenure Percentage	Work Required	Total Reserve
638589	COSTELLO, JUBILEE LAKE AREA, LATREILLE LAKE AREA	Multi-cell Mining Claim	2023-02-20	Active	Solstice Gold Corp.	100	\$8,000	\$43,051
638588	COSTELLO, LATREILLE LAKE AREA	Multi-cell Mining Claim	2023-02-20	Active	Solstice Gold Corp.	100	\$8,000	\$0
638586	BIRKETT, COSTELLO, JUBILEE LAKE AREA	Multi-cell Mining Claim	2023-02-20	Active	Solstice Gold Corp.	100	\$8,000	\$2,667
638585	BIRKETT, JUBILEE LAKE AREA	Multi-cell Mining Claim	2023-02-20	Active	Solstice Gold Corp.	100	\$8,000	\$0
717336	BIRKETT	Multi-cell Mining Claim	2024-04-06	Active	Perry English	100	\$2,800	\$0
717335	BIRKETT	Multi-cell Mining Claim	2024-04-06	Active	Perry English	100	\$7,600	\$0
721814	BIRKETT,COSTELLO	Multi-cell Mining Claim	2024-04-28	Active	Perry English	100	\$2,800	\$0

Figure 4.1 Claim fabric of the Property.



The claims registered to Solstice Gold Corp. were subject to an option agreement entered into between the Issuer, Gravel Ridge Resources Ltd. and 1544230 Ontario Inc. which is signed and dated April 6, 2021 (the “Option Agreement”). Gravel Ridge Resources and 1544230 Ontario Inc. then sold 100% interest, right and title to the claims in the Option Agreement to Solstice Gold Inc. (the “Optionors”). This transaction was approved by the TSXV and closed on October 4, 2021. Table 4.1 provides details of the mining claims pertaining to the Option Agreement.

The claims registered to Perry English were sold by 1544230 Ontario Inc. (Perry English) and Gravel Ridge Resources Ltd. (the “Vendors”) in a purchase agreement whereby the Issuer paid \$2000 in cash and issued 400,000 common shares to the Vendors for 100% interest, right and title.

4.3 OPTION AND UNDERLYING AGREEMENTS

Portofino has entered into the Option Agreement pursuant to which it has the option to acquire a 100% interest in the Allison Lake North Property for cash consideration totaling \$78,000 and the issuance of 800,000 common shares (the “Transaction”) over a 3-year period from Solstice Gold Corp. Portofino is a publicly traded company under the symbol TSXV:POR. Solstice Gold Corp. is a publicly traded company under the symbol TSXV:SGC. The Optionors will retain a 1.5% net smelter returns royalty (the “NSR”) on the Property. Once the Issuer has acquired 100% interest in the Property under the Transaction, 0.5% of the NSR can be purchased by the Issuer for \$500,000 if the Issuer elects to do so. There are no outstanding underlying agreements on the mining claims which constitutes the Property in Table 4.1. The date of Option Agreement to 1544230 Ontario Inc. and Gravel Ridge Resources was signed and is referenced April 6th, 2021 (the “Effective Date”). The date of sale and transference of the Option Agreement to the Optionors was approved by the TSX Venture Exchange with an effective date of October 4, 2021.

4.4 THE TRANSACTION

The Issuer will need to satisfy the terms and conditions of the Option Agreement made with the Optionors in order to gain 100% interest in the 4 mineral claims listed in Table 4.1 registered to Solstice Gold Corp. This includes:

- 1) Upon signing the Option Agreement, a payment of cash totaling collectively \$12,000. This was completed and paid to 1544230 Ontario Inc. and Gravel Ridge Resources collectively.
- 2) The issuance of 400,000 common shares upon TSXV approval. This was issued to 1544230 Ontario Inc. and Gravel Ridge Resources collectively.

- 3) An additional cash payment of \$16,000 and the issuance of 400,000 common shares to the Optionors on or before the 1st anniversary of the Effective Date (completed);
- 4) An additional cash payment of \$20,000 collectively to the Optionors on or before the 2nd anniversary of the Effective Date; and
- 5) An additional cash payment of \$30,000 to the Optionors on or before the 3rd anniversary of the Effective Date.

Upon satisfaction of the above payments, the option granted to the Issuer pursuant to the Option Agreement shall be deemed to be exercised and an undivided 100% right, title and interest to the Property shall be automatically transferred to Portofino.

If the Issuer exercises the Option Agreement in full to acquire a 100% interest in the Property, Portofino or its assigns shall have the right at any time to purchase from the Optionors 0.5% (being 33.33%) percent of the NSR from the Optionors for \$500,000. Upon such purchase and payment being made, the NSR shall thereafter be calculated as being reduced to 1.0%.

4.5 ENVIROMENTAL LIABILITIES

The Author is unaware of any current environmental liabilities connected with the Property.

Permitting is required for many aspects of mineral exploration. Since the type of work being proposed for the Allison Lake North Property is considered preliminary exploration by the Ontario government, the permitting process isn't particularly onerous. These permits will be acquired by the Issuer when required.

Under the Mining Act, prospecting and staking in Ontario can occur on privately owned lands. A prospector must respect the rights of the property owner. Staking cannot disrupt other land use such as crops, gardens or recreation areas, and the prospector is liable for any damage made while making property improvements. A claim holder may also explore on privately owned lands. Prior notification is required and exploration must be done in a way that respects the rights of the property owner.

Water crossings, including culverts, bridges and winter ice bridges, require approval from the Ministry of Natural Resources. This applies to all water crossings whether on Crown, municipal, leased or private land and includes water crossings for trails. Authorization may take the form of a work permit under the Public Lands Act ("PLA") or approvals under the Lakes and Rivers Improvement Act ("LRIA").

In circumstances where there is potential to affect fish or fish habitat, the federal Department of Fisheries and Oceans (“DFO”) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a Fisheries Act Authorization will be required from DFO. In some cases, the Ministry of Natural Resources and your local conservation authority may also be involved.

A work permit is required from MNR for the construction of all roads, buildings or structures on Crown lands with the exception of roads already approved under the Crown Forest Sustainability Act. Private forest access roads may not be accessible to the public unless under term and conditions of an agreement with the land holder.

Exploration diamond drilling may only occur on a valid mining claim. Ministry of Labour regulations regarding the workplace safety and health standards must be met during a drilling project. Notice of drilling operations must be given to the Ministry of Labour.

All drill and boreholes should be properly plugged if there is a risk of the following:

- a physical hazard,
- groundwater contamination,
- artesian conditions, or
- adverse intermingling of aquifers

Appropriate plugging methods may vary and will depend on the type of hole and geology. Ontario Water Resources Act water well regulations may apply.

The Author or co-Author knows of no significant factors and risks that may affect access, title or the right or ability to perform work on the property. The claim group is located within First Nation Treaty Lands. It is the responsibility of Portofino to consult and build agreeable relationships with those First Nations group(s) before any exploration efforts or mining is to proceed.

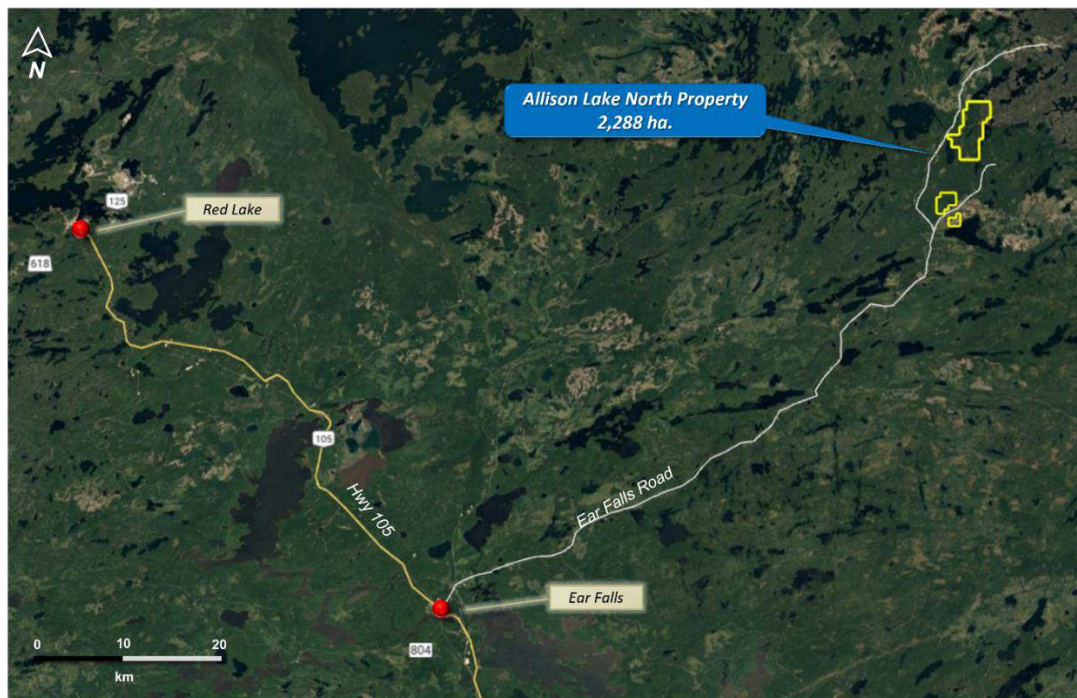
5.0 ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE and PHYSIOGRAPHY

5.1 ACCESSIBILITY

The Allison Lake North Property is located 80 km northeast of Ear Falls, Ontario. Access to the property is best achieved by truck from Ear Falls. From Ear Falls one turns east from Highway 105 onto Highway 657 (Goldpines Road) for 2.5 km, then turns onto the Wenesaga all-weather road. At approximately kilometer 75 on Wenesaga Road one keeps left at a major fork and travel until approximately kilometer 91, where a secondary logging road heads east for approximately 750 meters before intersecting the property boundary. Thereafter a network of active logging roads provides good access to the northwest part of the property. A second access road at approximately kilometer 90 on Wenesaga Road heads southeast and intersects the property after 1.1 km, ending 200 m southeast of the Property boundary. This road also provides access to the power line that transects the property in an east-northeast-west-southwest orientation (Figure 5.1).

The newer claim blocks to the south can be accessed via the Tarpley logging road, keeping right at the fork at kilometer 75. Recently constructed, driveable logging roads on the northern claim block and older logging roads on the southern claim block provide good access to each.

Figure 5.1. Locations and access into the Allison Lake North Property.



5.2 CLIMATE

Climate in the area is typical of the northwestern Ontario boreal climate, with cold winters exhibiting moderate snowfall and warm summers. Average January temperatures range from -10°C (day) to -22°C (night), and average July temperatures are between 25°C (day) and 14°C (night) with extremes of about -40°C in winter and 35°C in summer (www.meteoblue.com). Work can be done (subject to snow and freezing) for most of the year. Certain mapping, mechanized stripping, and soil sampling activities are best performed in snow-free conditions, whereas drilling can be done almost any time of year.

5.3 LOCAL RESOURCES

The closest community of substantial size is Ear Falls, Ontario 80 km to the southwest. The population of Ear Falls is approximately 1,000 and its economy is primarily forestry driven. Ear Falls can be used as a source of supplies. Red Lake, a long-standing mining community is located north of Ear Falls 70 km along Highway 105. Red Lake can be used a source of exploration supplies and exploration contractors.

5.4 INFRASTRUCTURE

The closest rail line in the area is located in Ear Falls. A major hydro transmission line transects the northern portion of the Property. The expanse of the property at 2,288 hectares provides ample space for the sufficiency of surface rights for mining operations, potential tailings storage areas, potential waste disposal areas, heap leach pad areas, and potential processing plant sites.

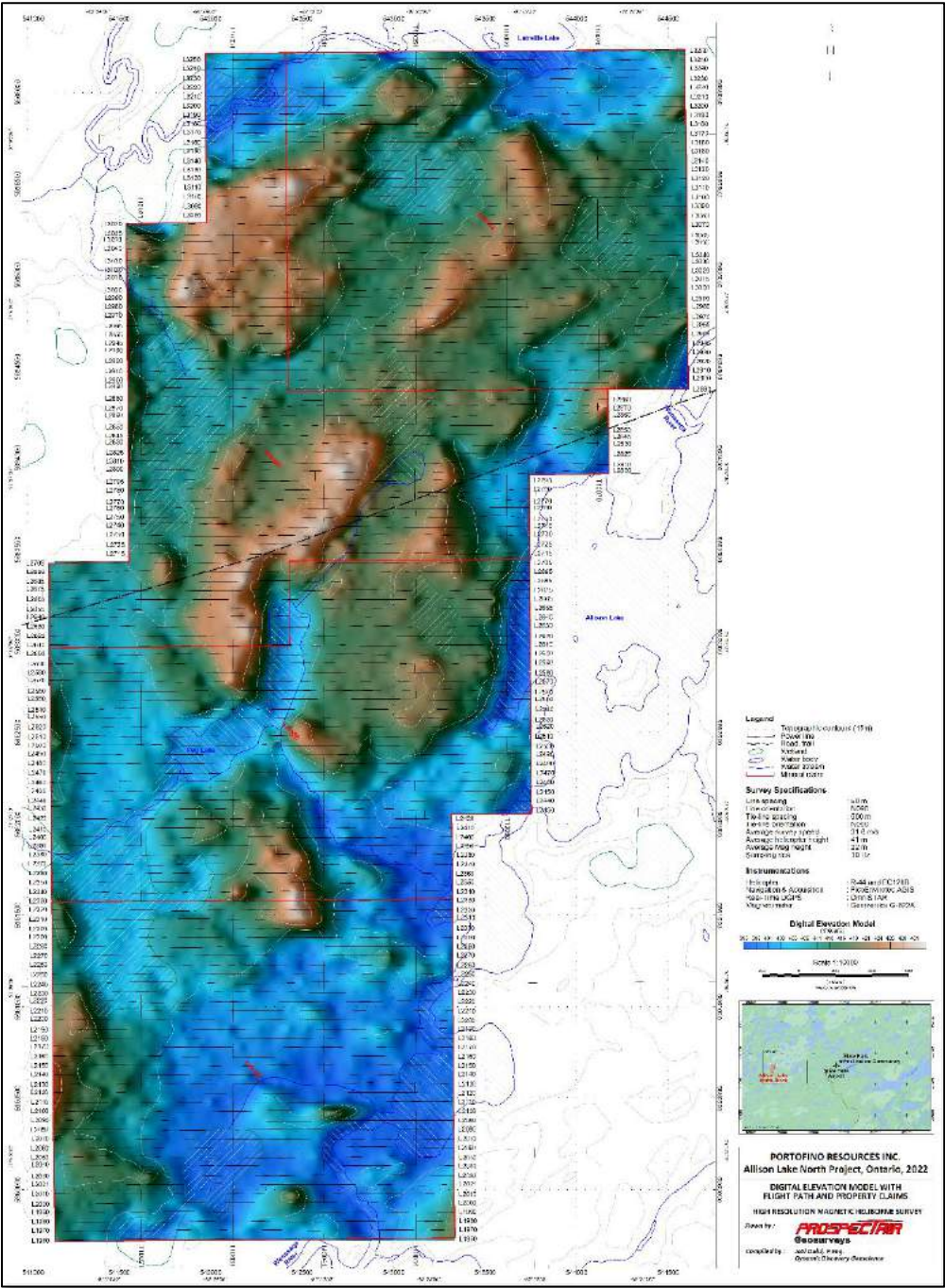
5.5 PHYSIOGRAPHY

The Property is located within the Canadian Shield, which is a major physiographic division of Canada. The property is situated in an area comprised of wetlands and forests of black spruce, tamarack and poplar. Topography on the property is variable from flat and locally swampy to low-moderate relief of ~15m containing outcrop. Elevation across the Property ranges from ~395 m to ~440 m above sea level (Figure 5.2).

Water for drilling is readily available from small lakes and ponds located within the claim block. Water is also available on the western portion of Allison Lake.

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO

Figure 5.2. Digital terrain model of the northern claim group of the Property.



6.0 HISTORY OF EXPLORATION

There is only one assessment report and historical recorded activity with the claim groups. The northern claim group has had no prior recorded assessment work. The southern claim groups were included in a regional reconnaissance exploration program of the Uchi Subprovince conducted by Getty Canadian Metals Ltd. In 1984. Exploration activities were concentrated on VMS and precious metal deposit types.

The Allison Lake area has been mapped and sampled over the years by the OGS between 1973 and 2001. The area became prominent following the surge in price of tantalum in the year 2000 which saw the metal rise 420%. Below is a brief summary of efforts between 1964-1976.

1964: Stan Johnson prospected the area and discovered beryl in a pegmatite dyke. The occurrence was named the SJ Pegmatite after Johnson. While not situated on the Property a link between beryl and fractionated rare-element pegmatites was recognized by OGS geologists which provide the impetus for further mapping and sampling programs.

1973-1976: Mapping was completed by the OGS at various times on different parts of the Allison Lake Batholith. Thurston 1985a (field work 1973-74) mapped small areas of the batholith along its western contact with the Jubilee Lake metasedimentary unit. Breaks et al. (1976, 1979 – field work starting 1975) mapped the southeast-striking tail of the pluton as a ‘pegmatite zone.’ A regional geophysical gravity survey by the OGS conducted during the summers of 1975-1976 was flown over the batholith. A significant -680 to -700 mgal Bouguer gravity low corresponding to the main mass of the batholith was detected (Gupta & Wadge 1986).

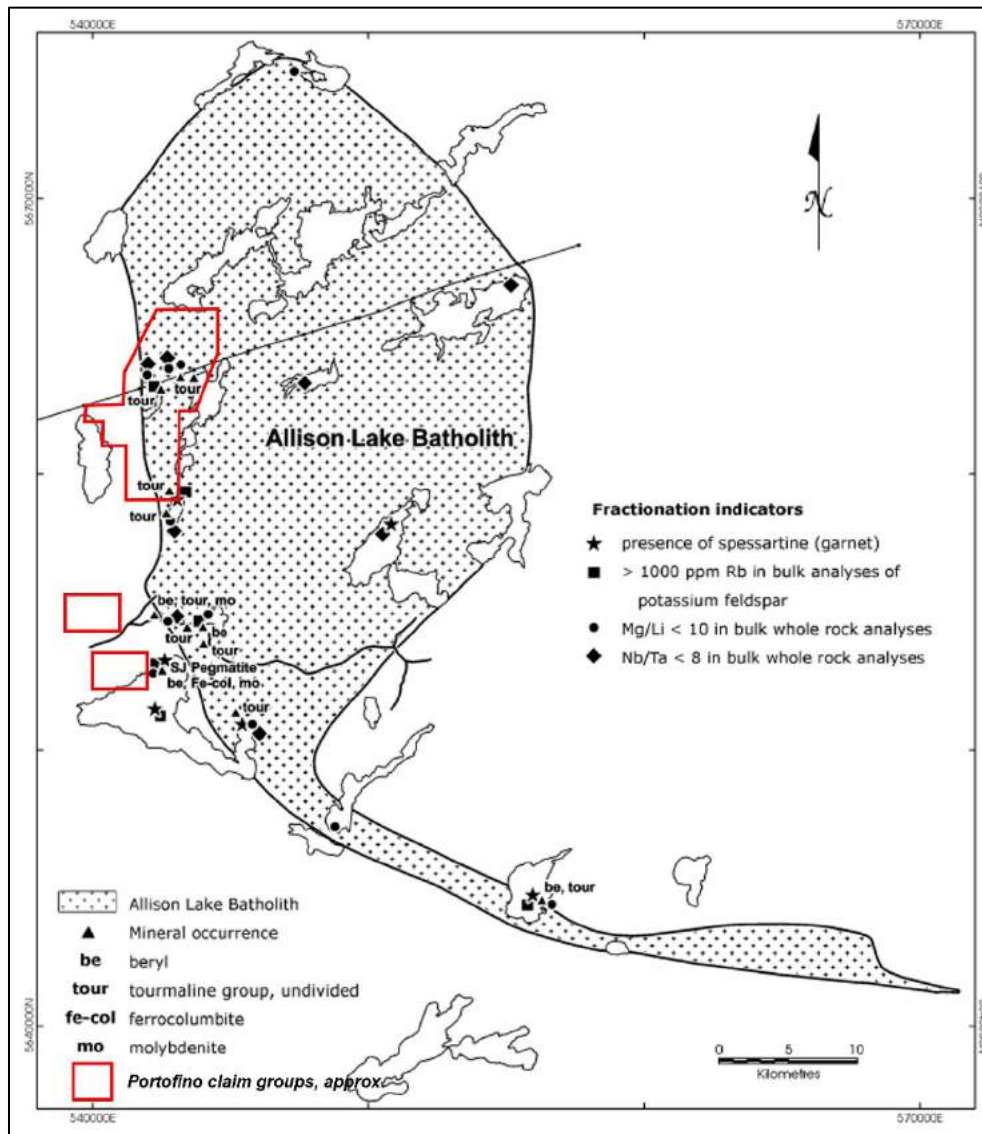
2001: As part of the OGS Operation Treasure Hunt Open File Report 6099 published in 2003 by Breaks et al., the Allison Lake Batholith was re-visited as part of a Superior Province wide field study to initiate the development of a comprehensive field, chemical, mineralogical and geochronological database for fertile granites and associated rare-element pegmatites. The work in the 2001 field season focused on northwestern Ontario with the Allison Lake Batholith being one of the primary study areas. Pertinent to this Report is that the study by Breaks et al., 2003 concluded that based on the “delineation of the largest fertile granite mass in northwestern Ontario (Allison Lake Batholith) a 15 x 50 km area is recommended for rare-element exploration”.

Geological mapping as well as bulk rock sampling, mineral sampling and electron microprobe mineral analysis were conducted. Nineteen bulk rock samples were collected from the batholith, of which some were collected on the power line on the current Property. Using the geochemical results (namely the Mg/Li & Nb/Ta ratios in bulk whole

rock analyses; the Rb content in bulk analyses of potassium feldspar; and the presence of spessartine garnet (manganese-rich)), it was determined that the rare-element contents of the batholith increase from east to west, with the highest values occurring along the western contact and southeast tail (Figure 6.1). The highest trace element values obtained from bulk rock samples included **190 ppm Li, 90 ppm Cs, 587 ppm Rb, and 12.9 ppm Ta, with averages of 78 ppm Li, 17 ppm Cs, 226 ppm Rb and 1.9 ppm Ta** (Breaks et al. 2003).

Exo-contact tourmaline occurs in the metasomatized metawacke host rocks along the contact with a potassic pegmatite dike north of Jubilee Lake. The presence of tourmaline in metasomatized metawacke indicates close proximity to a boron-bearing pegmatite. Metasomatic tourmaline is an excellent exploration tool in the search for unexposed pegmatites.

Figure 6.1 Key fractionation indicators plotted on the map of Allison Lake batholith. Modified after Breaks et al., 2003.

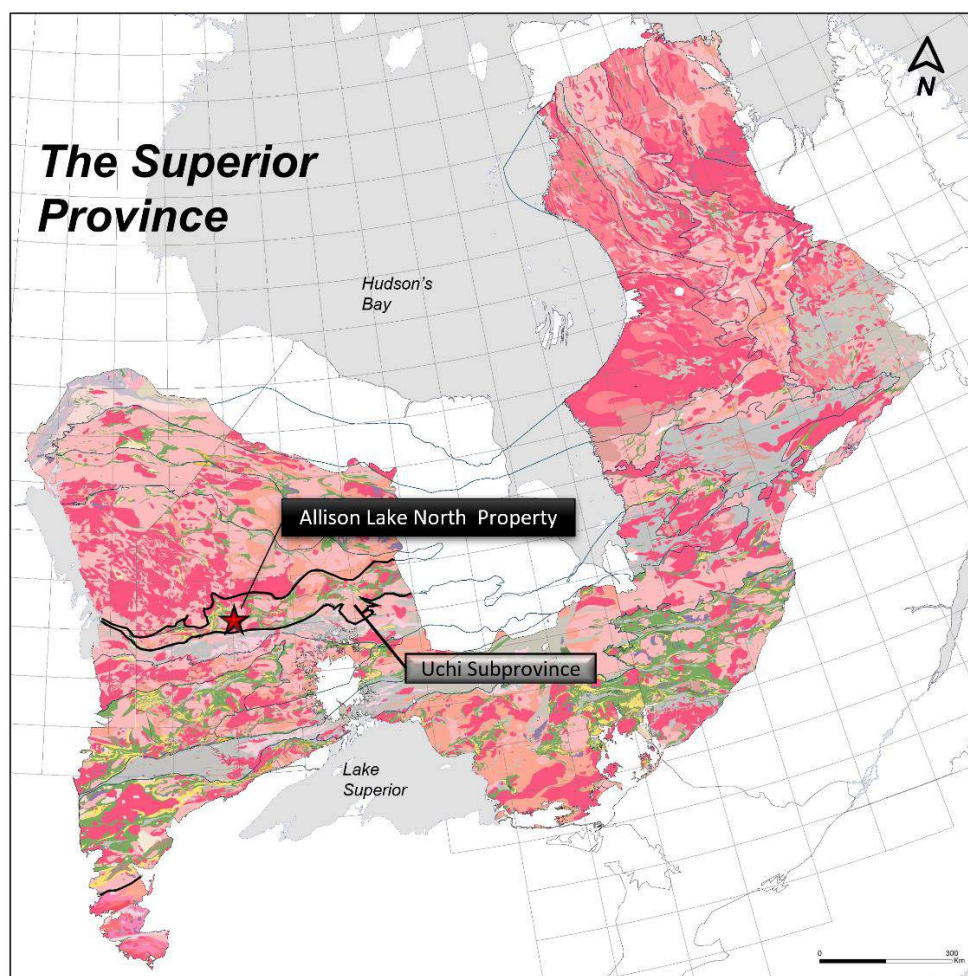


7.0 GEOLOGICAL SETTING AND MINERALIZATION

7.1 REGIONAL GEOLOGY

The Allison Lake North Property is located in the western portion of the Allison Lake Batholith within the Birch-Uchi greenstone belt within the Uchi Subprovince of the Superior Province of Canada (Figure 7.1). The Superior Province spans the provinces of Manitoba, Quebec and Ontario, and is the earth's largest Archean craton that accounts for roughly a quarter of the planet's exposed Archean crust and consists of linear, fault bounded subprovinces that are characterized by metavolcanic, metasedimentary and plutonic rocks (Williams et al., 1991).

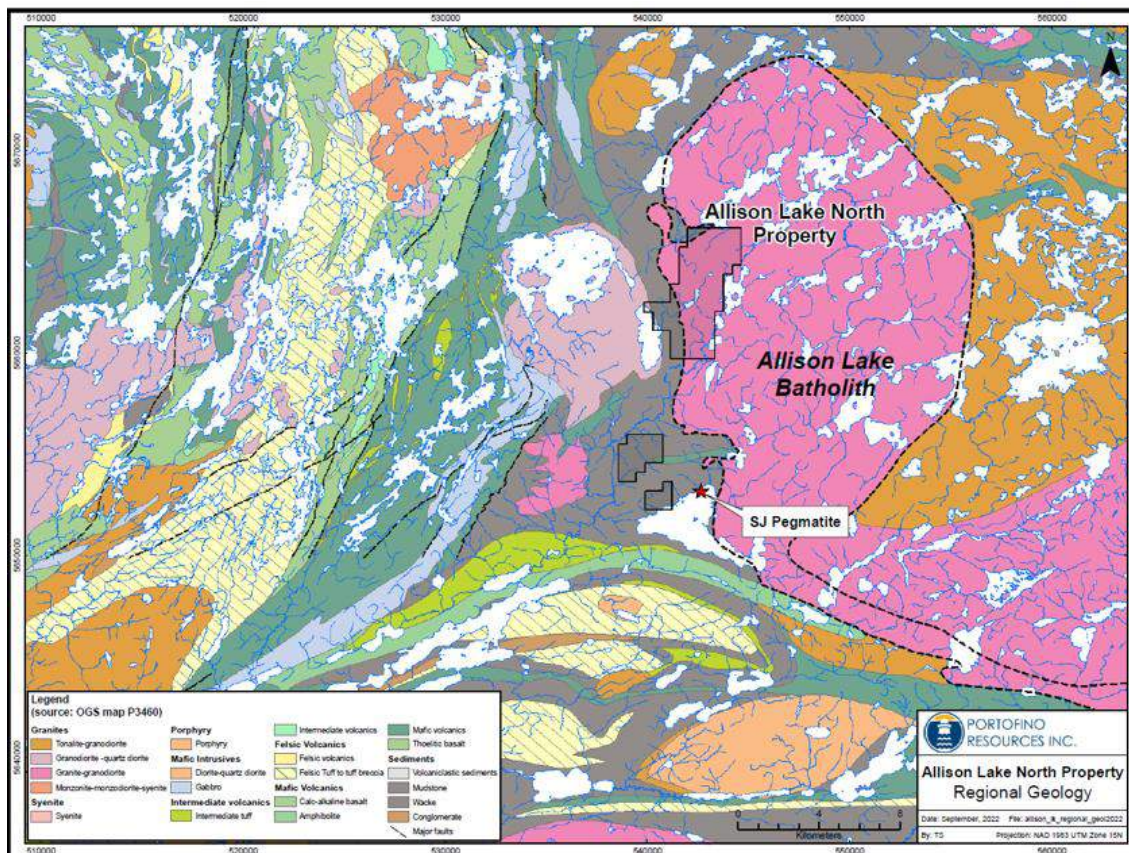
Figure 7.1 Regional geological location of the Allison Lake North Property. Source Geological Survey of Canada.



The Uchi Subprovince is an east-trending granite-greenstone domain between 50 and 70 kilometers in width, extending approximately 700 kilometers from Lake Winnipeg in the

west to the James Bay Lowlands. It is generally characterized by a high proportion of supracrustal rocks that contain sinuous, interconnected greenstone belts that are wrapped around, separated and intruded by granitoid batholiths, plutons and stocks. The Subprovince is bounded to the south by the metasedimentary and plutonic rocks of the English River Subprovince. This contact zone between the Uchi and the English River is the Sydney Lake – Lac St. Joseph fault system, which separates a Neoarchean volcanic arc sequence to the north from a Neoarchean accretionary prism to the south (Lucas and St. Onge, 1998). Metavolcanic rocks within the Birch-Uchi greenstone belt give way to the Jubilee Lake clastic metasedimentary rocks towards the greenstone belt's eastern contact with the Allison Lake batholith (Figure 7.2). The Jubilee Lake clastic metasedimentary rocks form a west and northwest draping body in contact with the western edge of the Allison Lake batholith but do not extend along the southern contact of the Allison Lake batholith.

Figure 7.2 Regional geology of the Birch-Uchi greenstone belt and the Allison Lake Batholith. Modified after Sanborn-Barrie et al., 2001.



7.2 REGIONAL STRUCTURAL GEOLOGY

Nearly all the rocks in the Birch-Uchi greenstone belt exhibit planar and textural fabrics that have been tectonically and/or metamorphically induced. Original bedding or layering is rarely distinct except in clastic and chemical metasedimentary units. Secondary foliations such as schistosity, fissility and gneissosity are apparent within the greenstone units due to flattening and stretching of mafic pillows and clasts. The foliations are generally subparallel to the primary planar structures (Wallace, 1983).

7.3 PROPERTY GEOLOGY

The Allison Lake North Property is underlain by the western portion of the Allison Lake Batholith (Figure 7.2). The Batholith itself is a tadpole-shaped, 16 km by 40 km peraluminous pegmatitic granitoid with a southeast trending narrow pegmatitic “tail” on the southern portion of the batholith. The fine- to medium-grained granitic batholith is comprised of a collage of pegmatitic units consisting of white weathered, muscovite and biotite-muscovite potassic pegmatite; pegmatitic leucogranite and fine-grained leucogranite sporadically layered with fine-to-medium-grained biotite granite; biotite-muscovite granite; garnet-muscovite granite; and sodic aplite (Breaks et al. 2003). The pegmatitic leucogranite commonly contains plumose muscovite-quartz intergrowths typical of fertile granite plutons (Breaks and Tindle, 1996, 1997a, 1997b in Breaks et al., 2003). Minor quartz-rich patches within potassic pegmatite or pegmatitic leucogranite were conducive to development of coarse potassium feldspar crystals ranging from 30 to 100 cm in diameter (Breaks et al. 2003). Furthermore, numerous veins and dykes of potassic pegmatite also transect the granite. Reported accessory minerals within the pegmatites include black tourmaline, red garnet and blue-green fluorapatite occurring within the pegmatites.

7.4 PROPERTY STRUCTURAL FEATURES

The Allison Lake batholith is a massive 16 km by 40 km ‘tadpole-shaped’ unmetamorphosed, peraluminous, pegmatitic granitic body that has a southeast striking ‘tail’ off the main ‘tadpole-shaped’ body, which was mapped as a “pegmatite zone” (Breaks, et al., 2003). No mention in the available literature describes any structural features within the massive body.

7.5 PROPERTY MINERALIZATION OF THE ALLISON LAKE BATHOLITH

The Allison Lake batholith is the largest fertile, peraluminous granitic mass in northwestern Ontario (Breaks et al., 2003). The batholith consists of white weathered, muscovite and muscovite-biotite potassic pegmatite intermixed and alternating with fine-grained to pegmatitic leucogranite, which often display plumose quartz-muscovite textures. These units are intermittently layered with fine- to medium-grained biotite granite and biotite-muscovite granite, lenses and linear bodies of garnet-muscovite-potassic granite and sodic aplite. Accessory minerals within the units consist of black tourmaline, garnet and fluorapatite as determined from the work by Breaks, et al. (2003). Tourmaline is often widespread throughout the units, and in quartz-rich patches often associated with rare pale green beryl (Breaks, et al., 2003).

Discussed in the work performed by Breaks, et al. (2003) they determined significant variations of trace-elements across the Allison Lake batholith that included lithium (Li) and cesium (Cs). Li was determined to have a range of between 9 ppm to 190 ppm, with an overall mean of 78 ppm. Bulk sampling carried out by Breaks, et al. (2003) collected 22 samples (Figure 7.3) at various locations within the Allison Lake batholith, including two samples within the southeastern 'tail'. Their work indicated that the most evolved portion of the batholith was the western section and the narrow southeastern tail, which contained the highest Li levels in their sampling, therefore the most fractionated portion of the batholith.

8.0 DEPOSIT TYPES

Lithium is a chemical element with the periodic table symbol Li and has an atomic number of 3 and is a soft silvery-white alkali metal. It is the least dense solid element and least dense metal, and never occurs freely in the environment due to its high reactivity but occurs only in ionic compounds in either ocean water, brines or locked within the chemical lattice of minerals such as spodumene. Lithium was first discovered in 1800 and later used a pharmaceutical to treat mania throughout the mid-20th century. Its first major industrial application was in the development of a high temperature grease for use in aircraft engines. Its industrial use increased over the years. With the advent of lithium-ion batteries, the demand for Li has increased dramatically and has become an important metal.

Lithium today is found and mined from three main deposit types, namely:

- 1) Lithium brine deposits which are primarily mined from a Salar (salt encrusted depressions thought to be evaporated lakes) in South America and account for more than half of the world's lithium resources; the best example of a continental lithium brine deposit is the 3,000 km² Salar de Atacama in Chile which is home to one of the world's richest deposits of high-grade lithium holding 37% of the world's resource of Li; followed by Argentina which holds the world's third largest reserves of Li, with several large Li-brine mines in the La Puna in northwest Argentina, close to the border with Chile.
- 2) Rare-element (Li, Cs, Rb, Tl, Be, Ta, Nb, Ga and Ge) pegmatites associated with peraluminous granite plutons. Of importance is spodumene, the primary Li-host mineral, followed by petalite, lepidolite, amblygonite and eucryptite. Li-bearing pegmatites are found in Canada, United States, Ireland, Finland, Democratic Republic of Congo and Australia, which holds the world's second largest reserves of lithium.
- 3) Sedimentary lithium deposits, which are found in clay deposits in which lithium is found in the mineral smectite and lacustrine evaporites. Clayton Valley in Nevada is a good example of clay-hosted lithium deposits.

8.1 RARE-ELEMENT PEGMATITE DEPOSITS

The following aspects of rare-element pegmatites is largely taken from Breaks et al., 2003 underpinning the numerous lithium-bearing pegmatites he and his colleagues have studied over the years in northwestern Ontario.

Rare-element (Li, Cs, Rb, Tl, Be, Ta, Nb, Ga, and Ge) pegmatite mineralization associated with S-type, peraluminous granite plutons is distributed over a wide expanse of the Superior Province of northeastern and northwestern Ontario. Peraluminous granitic

rocks were generated during low pressure, Abukuma-type regional anatexis of clastic metasedimentary rocks between 2.646 and 2.91 Ga and principally occur within and proximal to the Quetico and English River subprovinces.

Past work in more localized areas of the Superior Province of Ontario has led to a proposed linkage between peraluminous, S-type, fertile parent granites and rare-element pegmatites (e.g., Dryden area (Breaks and Moore 1992 as cited in Breaks et al., 2003); Separation Lake area (Breaks and Tindle 1996, 1997a, 1997b as cited in Breaks et al., 2003)). Recognition of peraluminous granites is critical in the exploration for rare-element pegmatites because delineation of such granite masses effectively reduces the target area of investigation. Most pegmatite swarms that can be linked with an exposed fertile, parent granite pluton are situated within approximately 15 km of such granites (e.g., Separation Rapids pluton and eastern and southwestern rare-element pegmatite groups: Breaks and Tindle, 1996, 1997a, 1997b as cited in Breaks et al., 2003).

8.1.1 Fertile Granites

A fertile granite is the parental granite to rare-element pegmatite dikes. Many granitic melts have the capability to first crystallize a fertile granite pluton, and the residual melt from such a pluton can then migrate into the host rock and crystallize pegmatite dikes. The following discussion on fertile granites and their genetic relationship with rare-element pegmatites is based on work by Černý and Meintzer (1988) and Černý (1989a, 1989b, 1991b) as cited in Breaks et al. 2003, and on field observations by Breaks et al., 2003 during the summers of 2001 and 2002.

Fertile granites differ from barren (common) granites by their geochemistry, mineralogy and textures. Fertile granites tend to be small in areal extent, typically greater than 10 km² (Breaks and Tindle 1997a as cited in Breaks et al., 2003). Fertile granites are silicic (quartz-rich) and peraluminous which results in crystallization of aluminum-rich minerals, such as muscovite, garnet and tourmaline.

Fertile granites have more variety in accessory minerals than barren granites. Barren granites contain biotite and/or silver muscovite as their minor minerals, and apatite, zircon and titanite as accessory minerals, whereas fertile granites contain numerous possible accessory minerals: primary green lithium-bearing muscovite, garnet, tourmaline, apatite, cordierite and rarely andalusite and topaz (Černý 1989a; Breaks and Tindle 1997a as cited in Breaks et al., 2003). More evolved fertile granites contain beryl, ferrocolumbite (niobium-oxide mineral) and Li-tourmaline (Breaks and Tindle 1997a as cited in Breaks et al., 2003).

According to Černý and Meintzer (1988) as cited in Breaks et al., 2003, intrusions of fertile granites are typically heterogeneous consisting of several units, which are transitional to

each other and, in most cases, have separated from a single intrusion of magma. Most of the rock types contain a characteristic assemblage of peraluminous accessory minerals. Černý and Meintzer (1988, p.178-180) as cited in Breaks et al., 2003, have identified 5 possible rock types that may be part of a single fertile granite intrusion, which, from most primitive to most fractionated, are

1. fine-grained or porphyroblastic biotite granite
2. fine-grained leucogranite
3. pegmatitic leucogranite
4. sodic aplite
5. potassic pegmatite
6. rare-element-enriched pegmatite, which forms dikes external to the fertile granite pluton

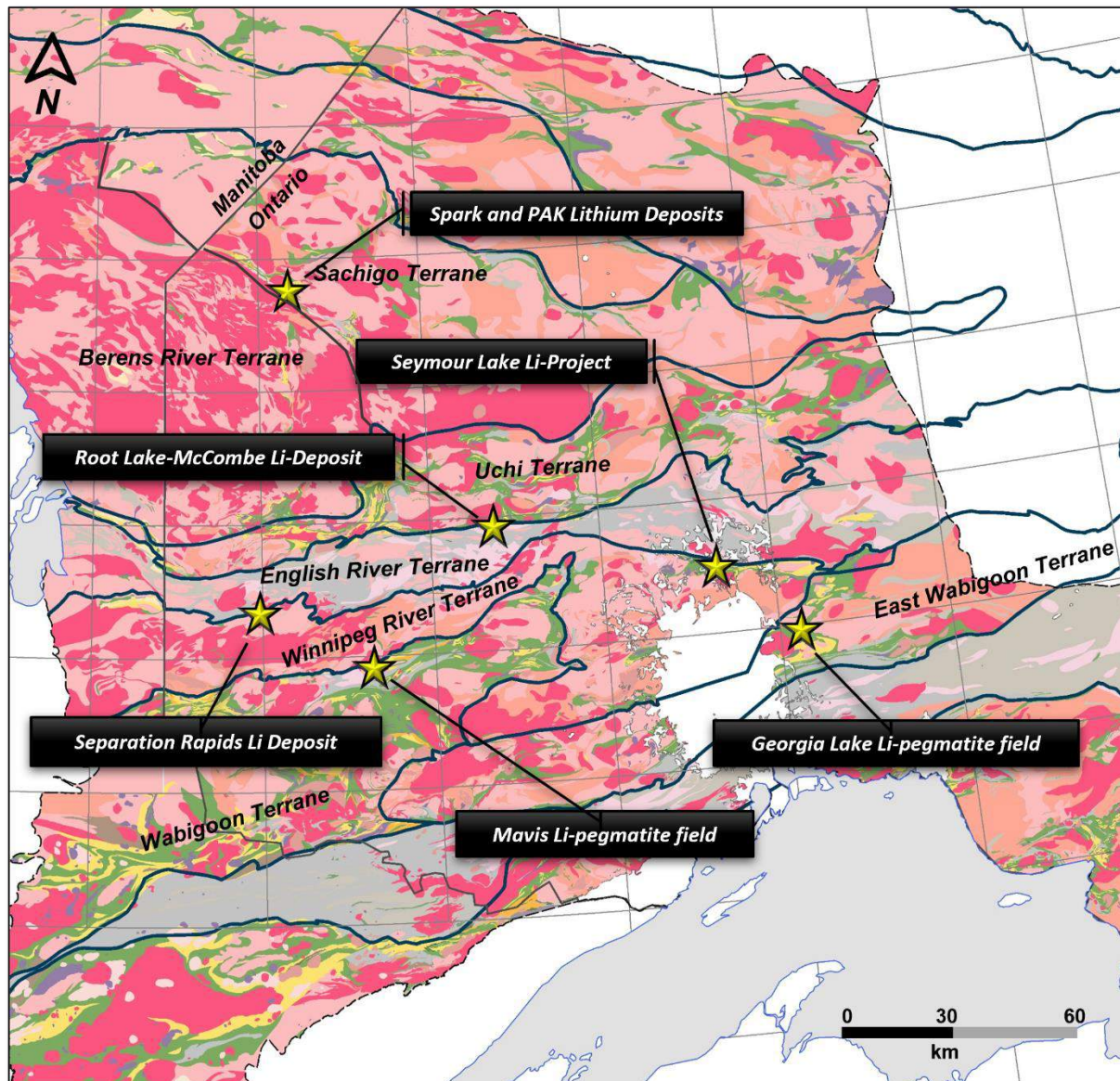
8.1.2 Fractional Crystallization (Granites to Pegmatites)

Fractional crystallization of a granitic melt will first crystallize a barren granite composed of common rock-forming minerals (i.e., quartz, potassium feldspar, plagioclase, and mica). This type of granite is very common in the Superior Province, Ontario. As common rock-forming minerals crystallize, and separate from the granitic melt, the granitic melt will become enriched in incompatible rare-elements (such as Be, B, Li, Rb, Cs, Nb, Ta, Mn, Sn) and volatiles (H₂O and F). Incompatible elements do not fit easily into the crystal structures of common rock-forming minerals.

The fertile granite melt will continue to become enriched in incompatible rare-elements, as common rock-forming minerals crystallize. The incompatible elements will wait until the last possible moment to crystallize into pegmatitic minerals, such as spodumene (Li), tantalite (Ta) and cassiterite (Sn). Pegmatites are rich in rare-elements (not rare earth elements) and the exotic minerals that result from crystallization of rare elements.

Granite-pegmatite systems are largely confined to deep faults, pre-existing batholithic contacts or lithologic boundaries (Černý 1989b as cited in Breaks et al., 2003). They typically occur proximal to subprovince boundaries within the Superior Province (Figure 8.1).

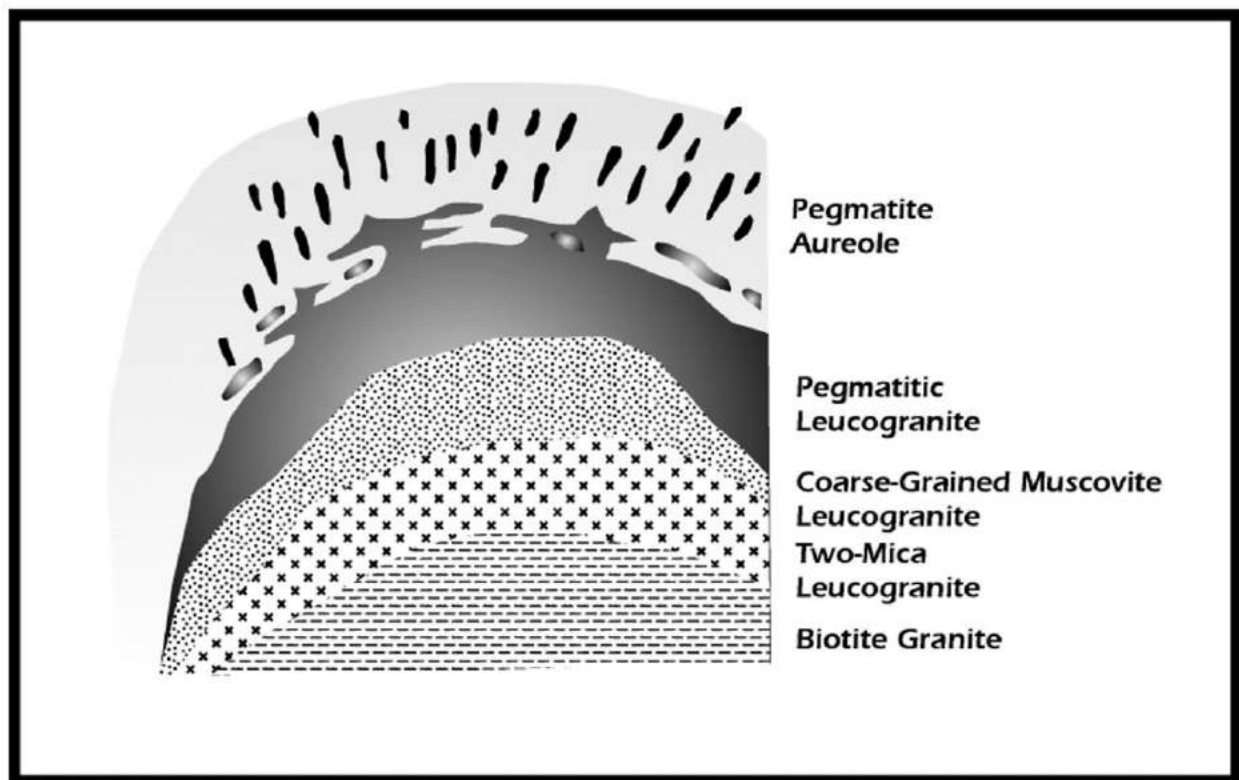
Figure 8.1 Major lithium-bearing pegmatite deposits and pegmatite fields of the Superior Province, northwestern Ontario. Source OGS.



In Archean terranes, greenstone belts, metasedimentary gneissic troughs and metasedimentary-metavolcanic basins are the dominant units hosting rare-element pegmatites (Černý 1989a as cited in Breaks et al., 2003)). Fertile granites that generate rare element pegmatites are largely late tectonic to posttectonic, postdating the peak of regional metamorphism (Černý 1989b as cited in Breaks et al., 2003). Granite-pegmatite systems are located in host rocks of the upper greenschist and lower amphibolite facies of the Abukuma-type terranes (low pressure-high temperature) (Černý 1989b as cited in Breaks et al., 2003).

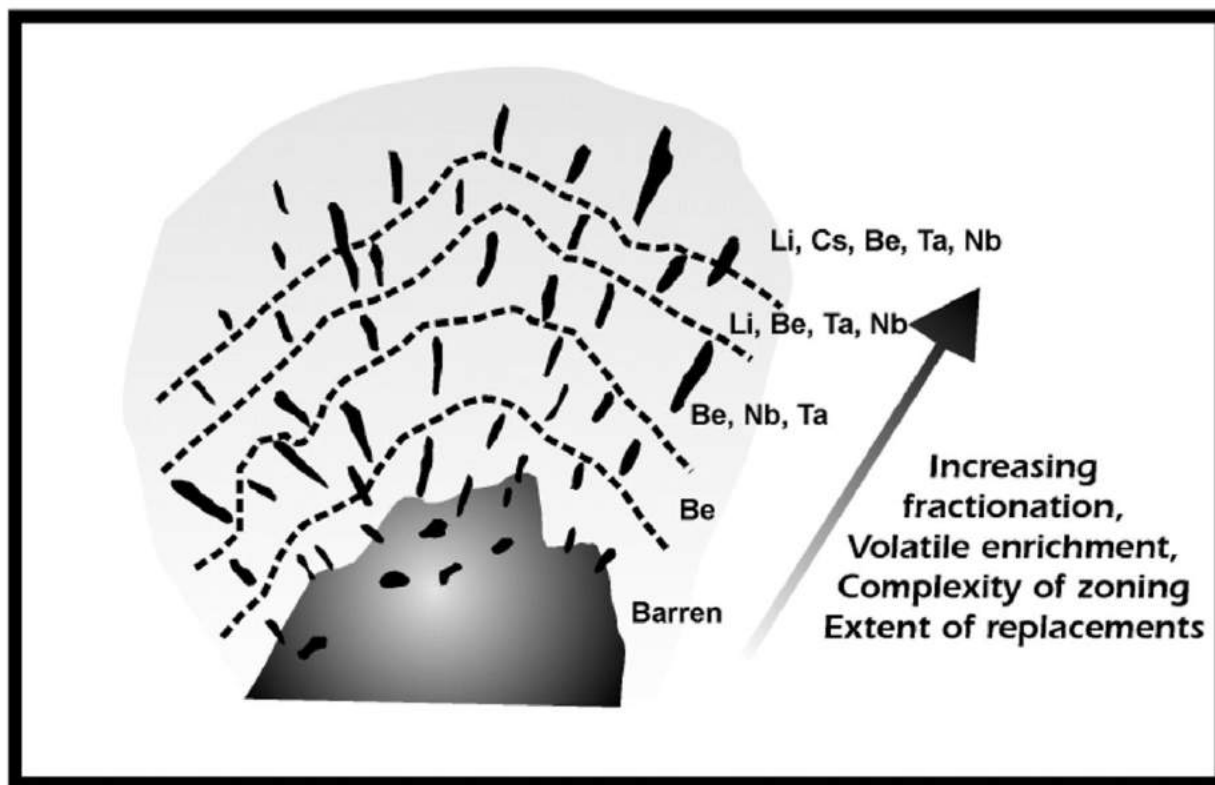
With increasing fractionation, the composition of the fertile granite changes from biotite granite, in the deepest parts, to two-mica leucogranite to coarse-grained muscovite leucogranite to pegmatitic leucogranite with intercalated layers of sodic aplite and potassic pegmatite at the intrusion roof (Figure 8.2) (Černý and Meintzer 1988; Černý 1989a, 1991b as cited in Breaks et al., 2003).

Figure 8.2 Regional zonation of a fertile granite (outward fractionated) with an aureole of exterior of lithium pegmatites (Černý 1991b as cited in Breaks et al., 2003).



The residual fractionated granitic melt that remains after the fertile granite intrusion has formed can intrude along fractures in the host rock to form pegmatite dikes. The pegmatite dikes increase in degree of fractionation, volatile enrichment, complexity of zoning within individual pegmatite dikes and extent of alteration (e.g., albitization of potassium feldspar) with increasing distance from their parent fertile granite (Figure 8.3) (Černý, 1991b as cited in Breaks et al., 2003). Pegmatite dikes increase in rare-element content with increasing fractionation, as rare-elements are incompatible in rock-forming minerals and will wait until the last possible moment to crystallize.

Figure 8.3 Schematic representation of regional zoning in a cogenetic parent granite + pegmatite group. Pegmatites increase in degree of evolution with increasing distance from the parent granite (Černý 1991b as cited in Breaks et al., 2003).



The deposit model for the Allison Lake North Property is a rare-element pegmatite type.

9.0 EXPLORATION

Since signing the Option Agreement, Portofino has completed the following exploration programs:

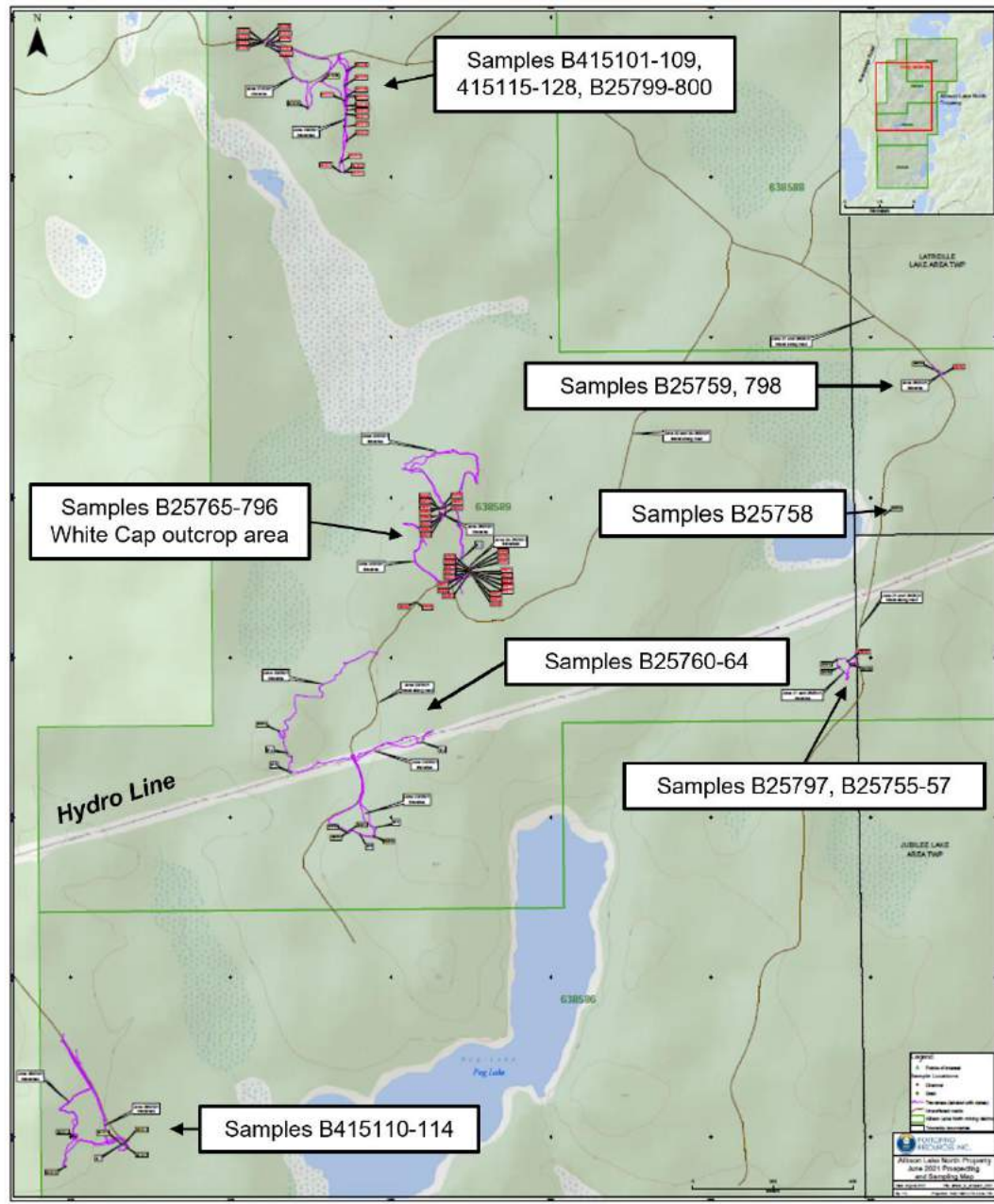
- 1) Mapping and sampling from June 21-29, 2021.
- 2) Mapping and sampling from September 10-19, 2021
- 3) High resolution heliborne magnetometer survey between April 30 to June 5, 2022.
- 4) Mapping and sampling from September 26 to October 2, 2022

Sampling consisted of channel samples (2-5 cm wide channels at various lengths cut with a rock saw on the top of the outcrop), select channel sampling (as above but not contiguous with any other sample) and grab samples. Sampling was performed by Emerald Geological Services (EGS) of Timmins, Ontario. Much of the following description of methodology, observations and reported results were taken from an assessment file not yet processed by the MENDM titled *“Work Report on the 2021 Exploration Programs on the Allison Lake North Project, Red Lake Area, Ontario for Portofino Resources Inc., written by Bruce MacLachlan, P.Geo (Limited) and Coleman Robertson (BSc., G.I.T.) dated February 15, 2022.*

9.1 JUNE 2021 SAMPLING

During the June 2021 sampling program, 16 channel samples, 41 select channel samples, and 17 grab samples were collected for a total of 74 samples (Figure 9.1).

Figure 9.1 Sample locations of the June 2021 sampling and mapping program.



Almost all samples contained:

- 1) Coarse-grained (up to several centimeters) white to light blue-grey plagioclase and variable light pink-orange potassium feldspar.
- 2) Centimeter to sub-centimeter smoky grey quartz crystals
- 3) White to light pink to yellow to brown mica as minute flakes and coarser books up to 2-3 centimeters wide, and

- 4) Variable accessory minerals such as black tourmaline crystals up to 3.5 cm in diameter, generally <1 mm red garnet crystals, generally <1mm but up to 1-2 cm diameter turquoise fluorapatite (described as beryl) crystals, and trace rusty specks of black oxides (ferro- columbite?). Locally plumose mica (intergrown with quartz?) was observed.

Samples (B25765-B25780) spanning 16m and 3 select channel samples (B25781-B25783) were collected at the White Cap outcrop area (Figure 1). These returned up to:

- **135 ppm Ta, 114 ppm Nb, 90.5 ppm Cs, 2.34 ppm Cd** (all highest values of the June program) from sample B25781.
- **1040 ppm Rb** (the highest value of the June program) from sample B25770.
- **276 ppm Li** from sample B25771 (one of the higher values of the June program).
- Elevated concentrations of a few other elements including **9.26 ppm Th** (B25778), **3.45 ppm Tl** (B25768), and **176 ppm U** (B25782), all highest values of the June program.

Nine select channel samples (B415101-B415107, B25799-B25800) were in the northwestern part of the claims close to the western property boundary. These returned up to:

- **398 ppm Li** and **57.1 ppm Ga** (the highest values of the June program) from sample B415104, containing plumose mica. Sample B415103 was similar and returned **392 ppm Li** and **54.1 ppm Ga** (the second-highest values of the June program).
- **2490 ppm B, 4650 ppm Mn & 106 ppm Zr** (the highest values of the June program) from sample B415107, containing tourmaline crystals up to 3.5 cm in diameter.

Fourteen select channel samples (B415115-B415128) were collected on a north-south ridge in the northwestern part of the property, returning up to **76.3 ppm Ta** and **118 ppm Nb** from sample B415117, the highest Ta and Nb values obtained in this area.

Eleven select channel sample (B25784-B25794) were collected on a northeast-southwest-trending ridge ~150 m northwest of the White Cap outcrop area. One sample containing ~10% beryl (more likely fluorapatite) crystals (B25793) returned a number of elevated values for a wide range of elements which were generally by far the highest values of the June program, including **4.09% Ca, 83.4 ppm Ce, 32.4 ppm Dy, 16.3 ppm Er, 0.56 ppm Eu, 20 ppm Gd, 5.94 ppm Ho, 32 ppm La, 1.85 ppm Lu, 41.8 ppm Nd, 11.1 ppm Pr, 15.8 ppm Sm, 4.96 ppm Tb, 2.48 ppm Tm, 208 ppm Y** and finally, **15.4 ppm Yb**.

Five grab samples (B25760-B25764) were collected in the western part of the claims close to the hydro line. These returned up to **254 ppm Li** (B25760); **71.6 ppm Nb**, **17 ppm Ta** and **986 ppm Rb** (B25761, containing greenish mica and tourmaline); and **63.6 ppm Cs** (B25764).

Five grab samples (B25755-B25759) and 2 select channel samples (B25797-B25798) were collected in the east part of the property adjacent to a north-south logging road. These returned up to **210 ppm Li** (B25758, containing greenish muscovite, beryl (more likely fluorapatite) and garnet crystals), with a few other elevated elements in the same sample including **3.48 ppm Dy**, **1.91 ppm Er**, **8.74 ppm Nd**, **2.64 ppm Pr** and **2.48 ppm Sm**.

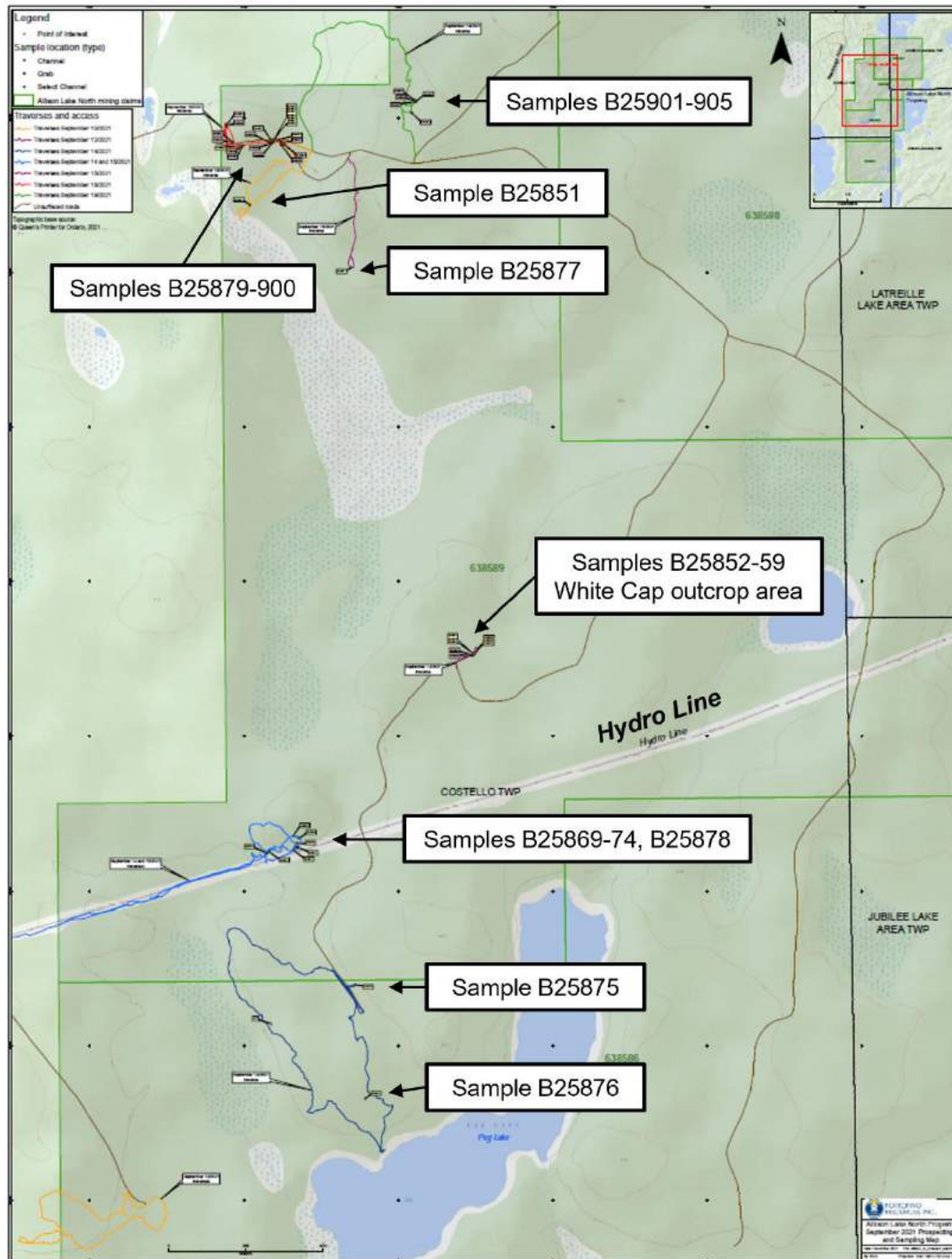
Five grab samples (B415110-B415114) were collected in the western portion of the property. These consisted of pegmatite dykes, fine-grained, weakly silicified grey sediment with minor pyrite, and a grey quartz vein within pegmatite. Samples of pegmatite (B415111-B415113) returned from **61.8 to 99.8 ppm Nb**, as well as up to **40.1 ppm Ta** (sample B415113 which also contained the highest Nb value of the three samples).

9.2 SEPTEMBER 2021 SAMPLING

Rock and mineral descriptions from the September 2021 sampling program mirror that of the June 2021 sampling program in Section 9.1.

Six channel samples (B25852-B25857) and 2 select channel samples (B25858-B25859) were collected at the White Cap outcrop area (Figure 9.2). The channel samples tested a small area over the spot where the highest tantalum value of **135 ppm** had been obtained in June sampling program (sample B25781). Sample B25853, a re-sample of B25781, returned a value of **143 ppm Ta** and **138 ppm Nb**, the highest Ta and Nb values of both programs. The corresponding set of 3 channel samples returned **85 ppm Nb over 1.9 m**. Sample B25859, a select channel sample containing rusty black oxide specks, returned **70.6 ppm Ta** and **106 ppm Nb**.

Figure 9.2 Sample locations of the September 2021 sampling and mapping program.



Five select channel samples (B25901-B25905) were collected in the northwest part of the Property. These samples returned up to **412 ppm Li**, the highest value of both programs, from sample B25905, containing plumose yellow-green mica. This sample also returned **857 ppm Rb**.

Nine channel samples (B25879-B25887) totaling 8.5 m were collected where the highest lithium values of **398 ppm** and **392 ppm Li** had been obtained in June. These samples returned comparatively lower Li values up to **183 ppm** (sample B25884). Six select channel samples (B25888-B25893) were also collected in this immediate area, returning up to **287 ppm Li** (B25893).

Two channel samples (B25894-B25895) totaling 1.7 m, and 5 select channel samples (B25896- B25900) were collected 70-110 m west of channel samples B25879-B25887. These samples returned up to **388 ppm Li** from sample B25896 which consisted mainly of plumose mica.

Two grab samples (B25875-B25876) were collected in the western part of the property south of the hydro line. These returned up to **29.9 ppm Ta** and **88.4 ppm Nb** (sample B25875).

Seven grab samples (B25869-B25874, B25878) were collected on or adjacent to the power line in the western claims of the property. These samples of pegmatite returned no significant results.

One grab sample (B25851) of pegmatite was collected in the northwest part of the Property. It returned no significant results.

One grab sample (B25877) of pegmatite was collected in the northwest part of the Property. It returned no significant results.

Rock sample locations and descriptions with corresponding Li and Ta analyses is found in table format in Appendix I.

9.3 DISCUSSION OF 2021 SAMPLING PROGRAMS

Sampling results of **412 ppm Li**, **1040 ppm Rb**, **90.5 ppm Cs**, **143 ppm Ta** and **138 ppm Nb** were the highest yet recorded on the Property. These values represent an approximately twofold increase in Li (from 190 ppm Li) compared to the 2001 OGS sampling program within the Allison Lake Batholith, as well as a twofold increase in Rb (from 587 ppm Rb), no increase in Cs (90 ppm Cs), and more than a tenfold increase in Ta (from 12.9 ppm Ta) (Table 9.1).

The highest Li values occur within samples rich in plumose mica-quartz and, while they may demonstrate the fertile nature of the pluton, are not economically significant.

However, the maximum Ta values obtained are comparable to the highest value of Ta obtained in the area (**173 ppm Ta** from the SJ pegmatite), which Breaks et al. (2003) described as ‘economically interesting.’ As ferro-columbite was observed at the SJ

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pegmatite, there is a good chance that the rusty oxides observed during the June and September programs where anomalous Ta-Nb values were obtained are in fact ferro-columbite. High tantalum values also appear to follow a trend within the batholith that mirrors the arc shape of the interpreted contact in this area (based on observed outcrops and a drop in topography from the competent granitic rocks to the softer sediments to the west). Perhaps this trend reflects a tantalum- niobium-rich layer within the batholith or dykes parallel to the contact.

Table 9.1. Select element results of the 2021 sampling programs.

Sample No.	Be ppm	Cs ppm	Ga ppm	Li ppm	Li %	Mg %	Mg/Li Ratio	Nb ppm	Rb ppm	Ta ppm
B25857	5.48	25.3	29.3	77.1	0.0077	0.05	6.5	16.2	414	2.92
B25858	4.99	34.2	31.0	24.4	0.0024	0.03	12.3	37.9	708	7.33
B25859	45.40	65.0	35.4	43.6	0.0044	0.03	6.9	106.0	729	70.60
B25869	3.08	30.8	23.1	176.0	0.0176	0.05	2.8	17.1	540	3.01
B25870	3.40	8.4	25.5	64.6	0.0065	0.06	9.3	13.8	292	1.98
B25871	2.66	21.7	17.4	14.9	0.0015	0.05	33.6	1.2	411	0.26
B25872	3.46	23.5	21.6	37.0	0.0037	0.03	8.1	10.5	466	2.08
B25873	3.74	49.5	22.6	87.5	0.0088	0.03	3.4	8.8	451	1.25
B25874	5.84	10.2	24.6	93.9	0.0094	0.04	4.3	11.7	236	1.90
B25875	32.10	41.4	38.0	23.1	0.0023	0.02	8.7	88.4	686	29.90
B25876	1.81	9.4	17.9	88.4	0.0088	0.03	3.4	5.0	505	0.80
B25877	4.00	20.4	24.9	132.0	0.0132	0.06	4.5	16.9	361	4.30
B25878	4.89	16.2	26.0	80.2	0.0080	0.04	5.0	13.5	267	2.46
B25879	2.81	23.0	20.1	116.0	0.0116	0.04	3.4	10.9	519	1.40
B25880	2.11	33.5	18.4	67.7	0.0068	0.02	3.0	5.1	764	0.82
B25881	3.49	28.6	20.8	57.9	0.0058	0.03	5.2	35.8	636	26.90
B25882	4.40	23.9	18.0	74.3	0.0074	0.03	4.0	7.3	493	1.87
B25883	6.99	31.5	31.5	153.0	0.0153	0.05	3.3	29.7	676	6.31
B25884	5.64	25.5	33.6	183.0	0.0183	0.06	3.3	25.2	505	4.23
B25885	4.40	17.2	19.6	115.0	0.0115	0.04	3.5	9.6	306	1.67
B25886	5.13	16.2	20.5	92.6	0.0093	0.03	3.2	8.2	279	1.90
B25887	8.45	18.2	21.0	80.7	0.0081	0.03	3.7	14.6	535	7.51
B25888	7.15	22.7	31.1	94.4	0.0094	0.06	6.4	27.2	336	4.81
B25889	6.35	31.3	21.9	66.9	0.0067	0.04	6.0	14.0	436	3.64
B25890	2.36	47.2	16.5	52.7	0.0053	0.03	5.7	6.9	743	1.63
B25891	3.04	<0.01	<0.05	210.0	0.0210	0.08	3.8	<0.1	<0.1	<0.05
B25892	3.46	27.8	23.6	112.0	0.0112	0.05	4.5	15.0	498	2.15
B25893	2.80	10.0	41.5	287.0	0.0287	0.12	4.2	32.0	363	2.39
B25894	3.69	12.1	23.2	155.0	0.0155	0.05	3.2	14.0	436	1.55
B25895	3.37	15.4	26.1	226.0	0.0226	0.06	2.7	18.0	486	2.44
B25896	5.42	14.4	45.6	388.0	0.0388	0.11	2.8	41.9	488	3.72
B25897	3.63	11.4	22.7	74.3	0.0074	0.03	4.0	9.9	549	1.25
B25898	4.52	11.0	21.9	43.9	0.0044	0.03	6.8	9.0	349	1.58
B25899	3.94	11.5	25.0	176.0	0.0176	0.03	1.7	17.1	467	1.91
B25900	4.26	14.4	32.1	295.0	0.0295	0.07	2.4	23.7	412	3.07
B25901	2.24	9.8	27.9	281.0	0.0281	0.06	2.1	19.2	315	1.61
B25902	3.28	21.3	46.4	349.0	0.0349	0.10	2.9	34.4	468	3.14
B25903	6.23	18.6	23.9	106.0	0.0106	0.03	2.8	12.2	371	2.71
B25904	4.94	32.6	41.8	366.0	0.0366	0.09	2.5	32.0	547	4.15
B25905	5.58	44.8	45.8	412.0	0.0412	0.09	2.2	37.2	857	4.47
Two samples sent for Au only with no significant results.										

Many or most of the minute turquoise crystals described as beryl during the field programs are probably in actual fact fluorapatite as described by Breaks et al. (2003).

Low Mg/Li ratios of granites can help to determine barren from fertile granites. An Mg/Li ratio of <30 indicates a high degree of fractionation in fertile granites (Breaks et al., 2003). An Mg/Li ratio of <1 indicate lithium-bearing rocks. The Mg/Li ratios of the June and September sampling programs are well below a ratio of 30, with some very close to a value of 1. In total, 96% of the samples taken indicate a high degree of fractionation within the Allison Lake Batholith (Figures 9.3 and 9.4)

Figure 9.3 Scatter chart of the Mg/Li ratios from the June 2021 sampling program.

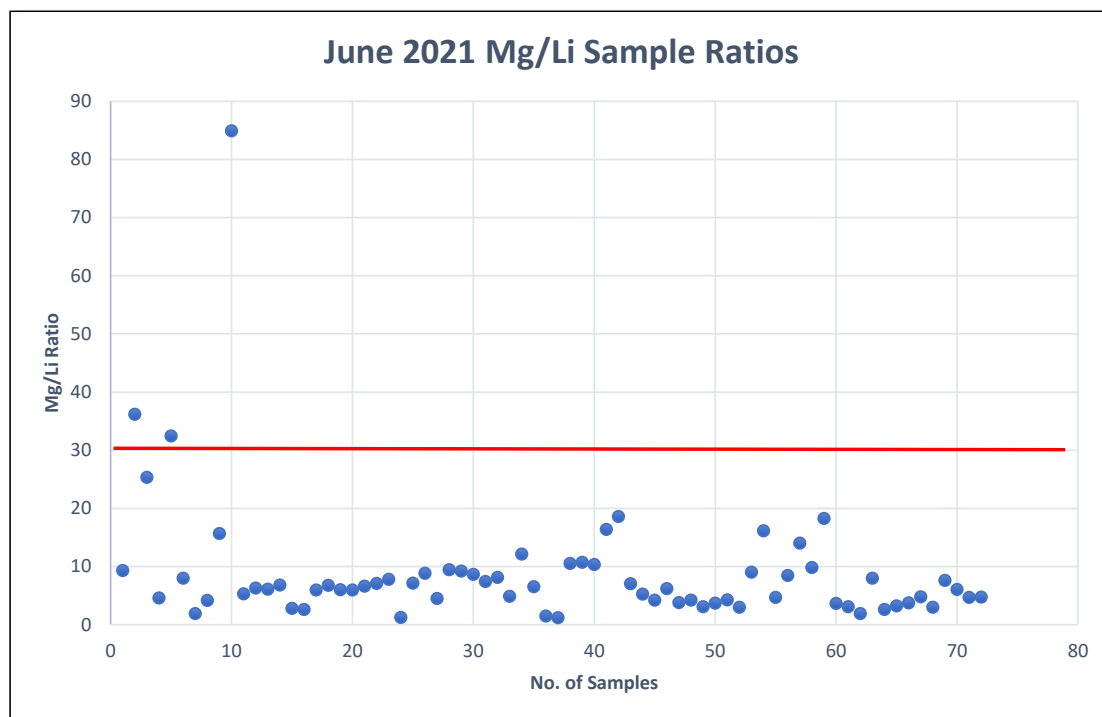
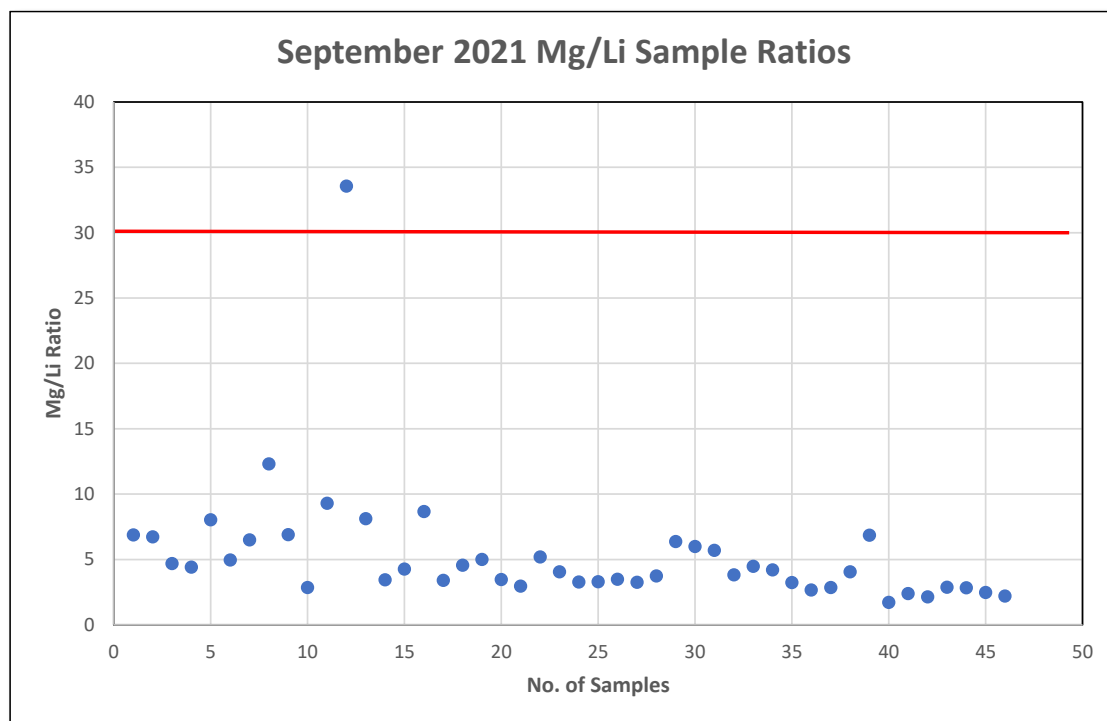


Figure 9.4 Scatter chart of the Mg/Li ratios from the September 2021 sampling program.



Excellent fractionate indicators in pegmatites are increased levels of Be, Cs, Ga, Li, Nb, Rb, Sn and Ta as rare-elements incompatible with rock-forming minerals will wait to the last possible moment to crystallize (Breaks et al., 2003). Based on Figure 9.3, highly evolved pegmatites and cogenetic parent granites have increasing levels of elements with increasing distance from the parent granite. The following are the average crustal levels of those elements: Li, (20 ppm), Cs (4 ppm), Be (3 ppm), Ta (2 ppm) and Nb (25 ppm) (Breaks et al., 2003).

Results of the June/September sampling programs at the Allison Lake North property are overwhelmingly above these thresholds (red line on graph) (Figures 9.5 through 9.9) suggesting the Property is within a fractionation corridor.

Figure 9.5 Scatter plot of Li in ppm from the sampling June/September sampling programs.

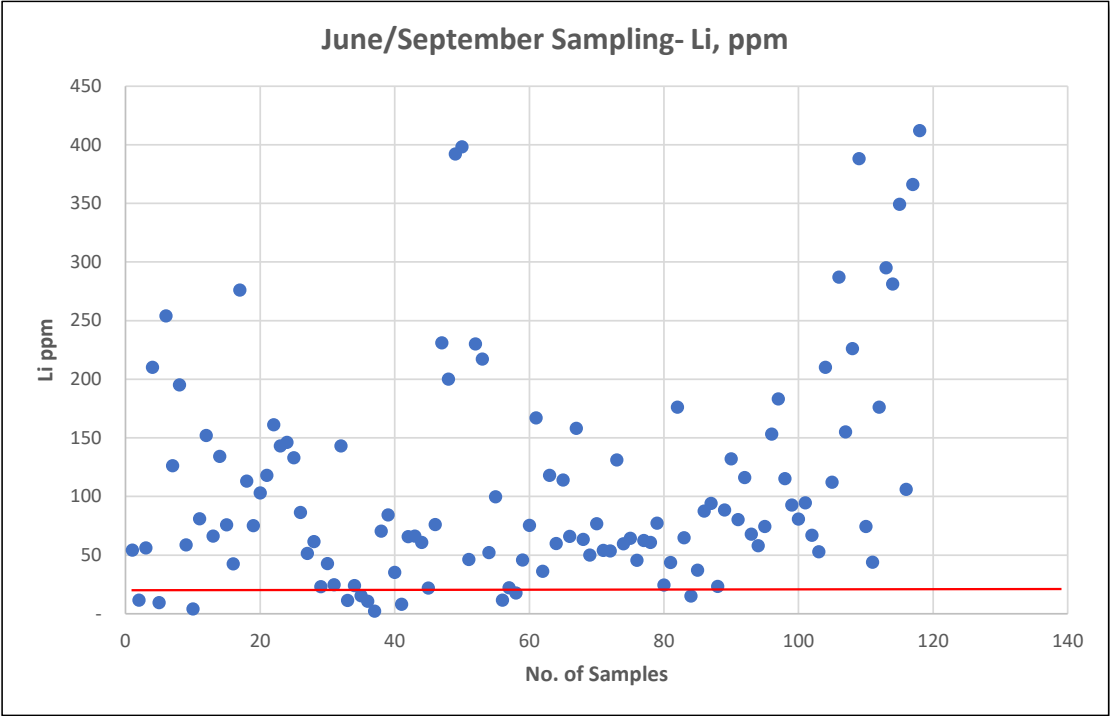


Figure 9.6 Scatter plot of Cs in ppm from the sampling June/September sampling programs.

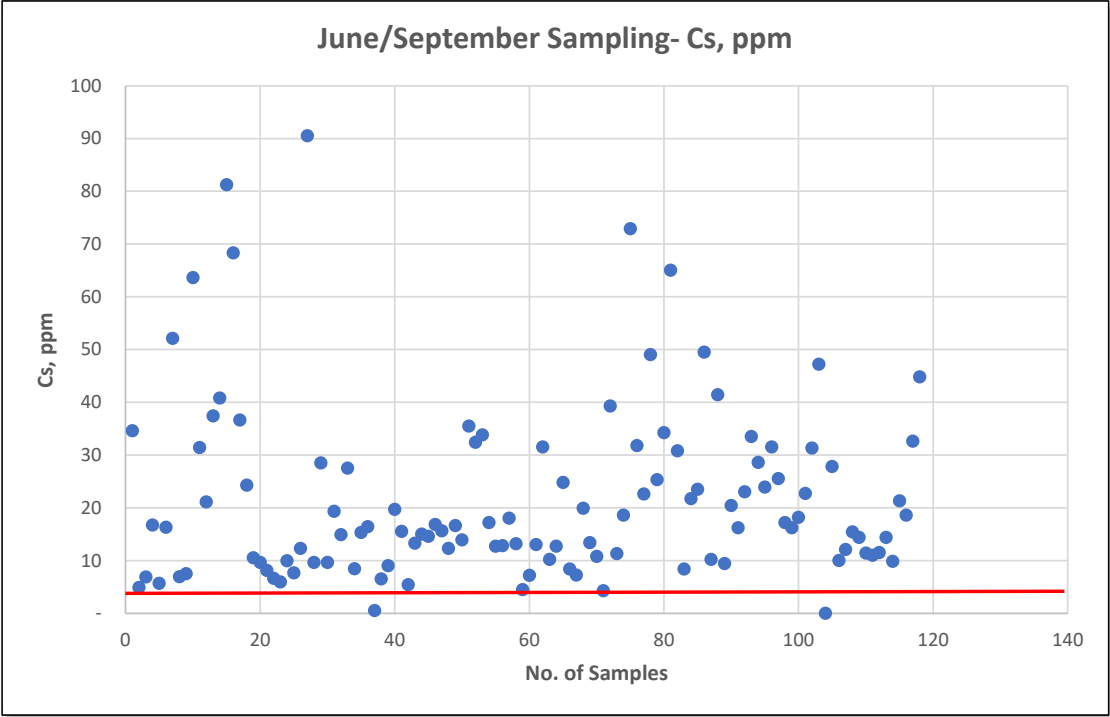


Figure 9.7 Scatter plot of Be in ppm from the sampling June/September sampling programs.

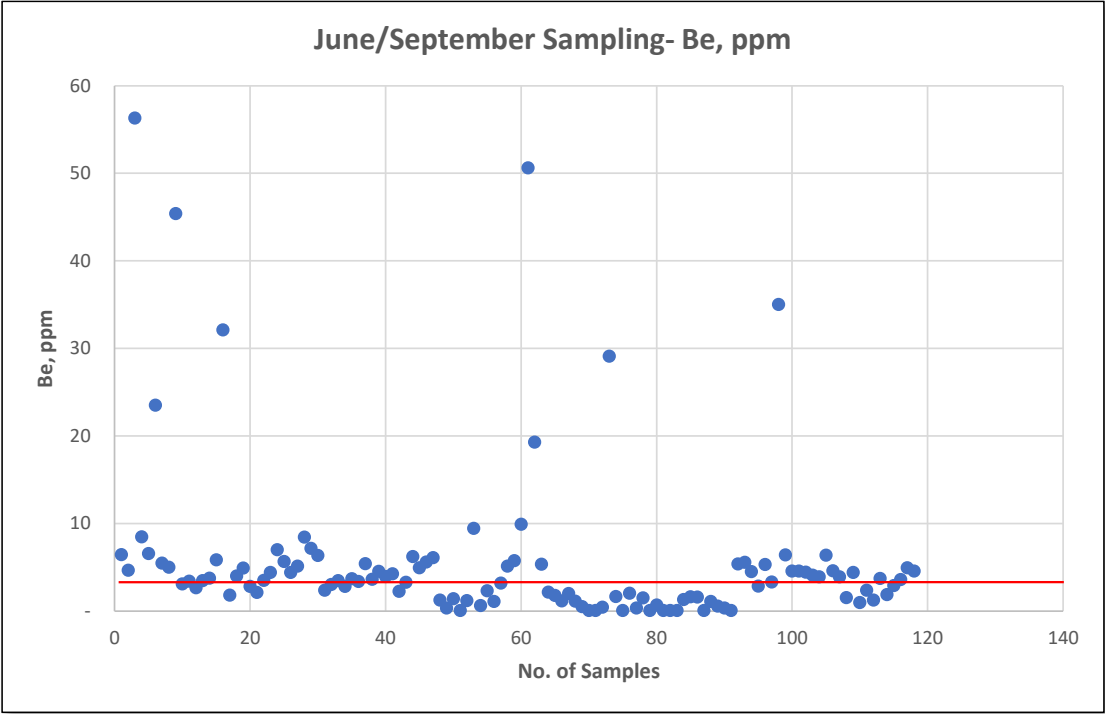


Figure 9.8 Scatter plot of Ta in ppm from the sampling June/September sampling programs.

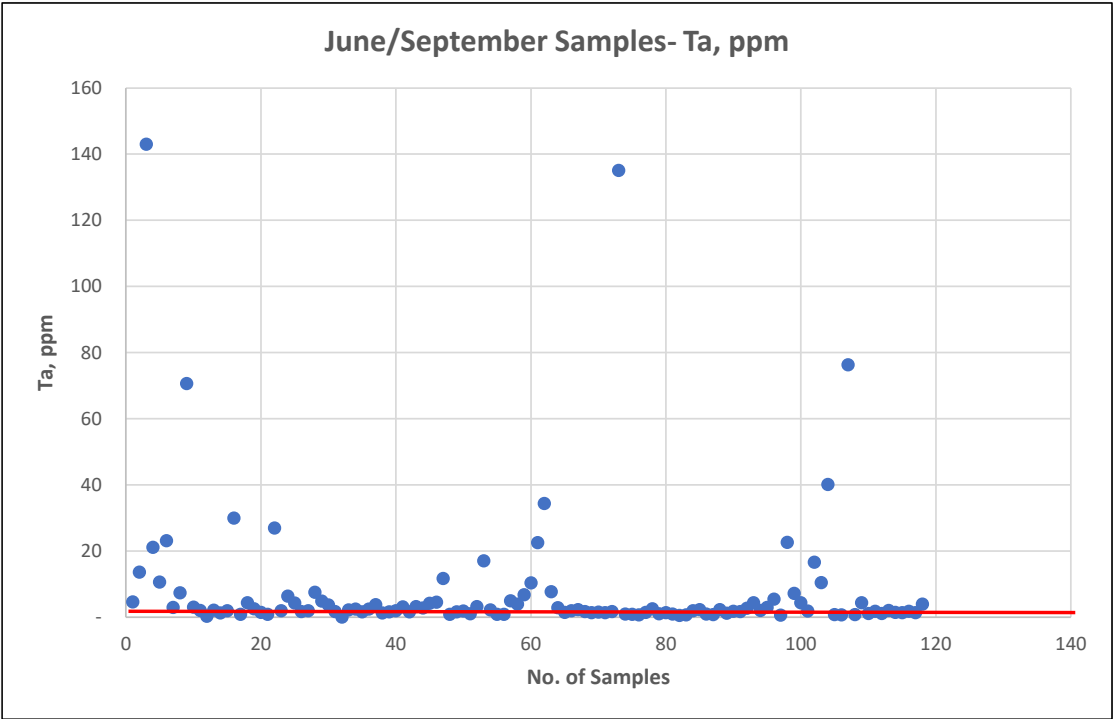
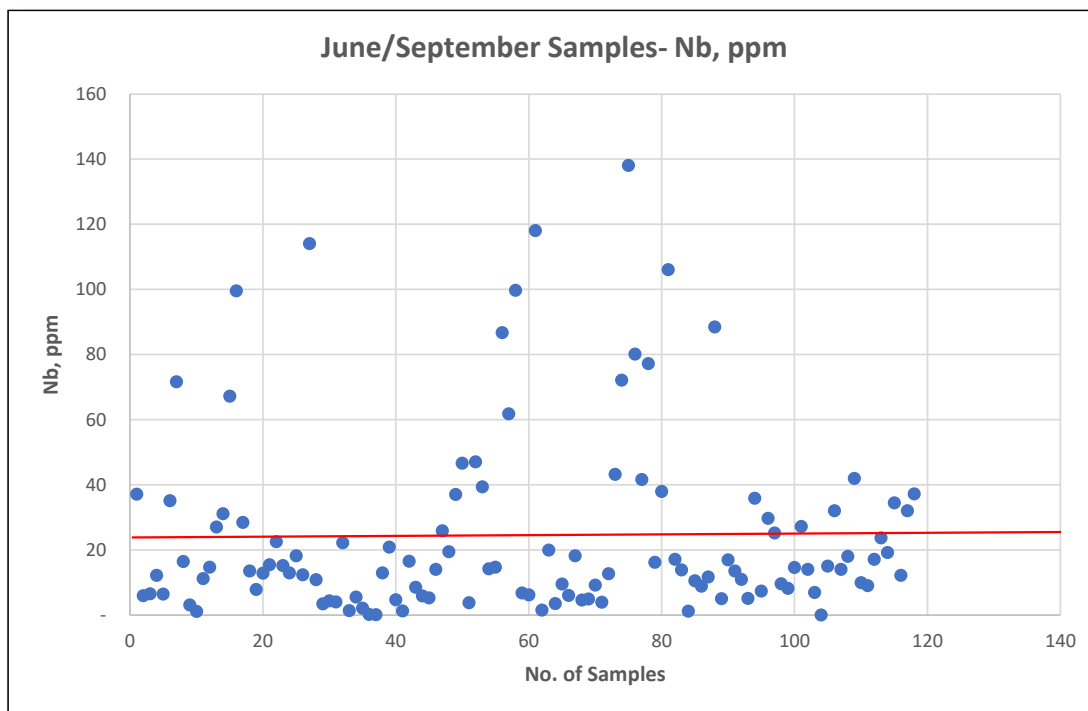
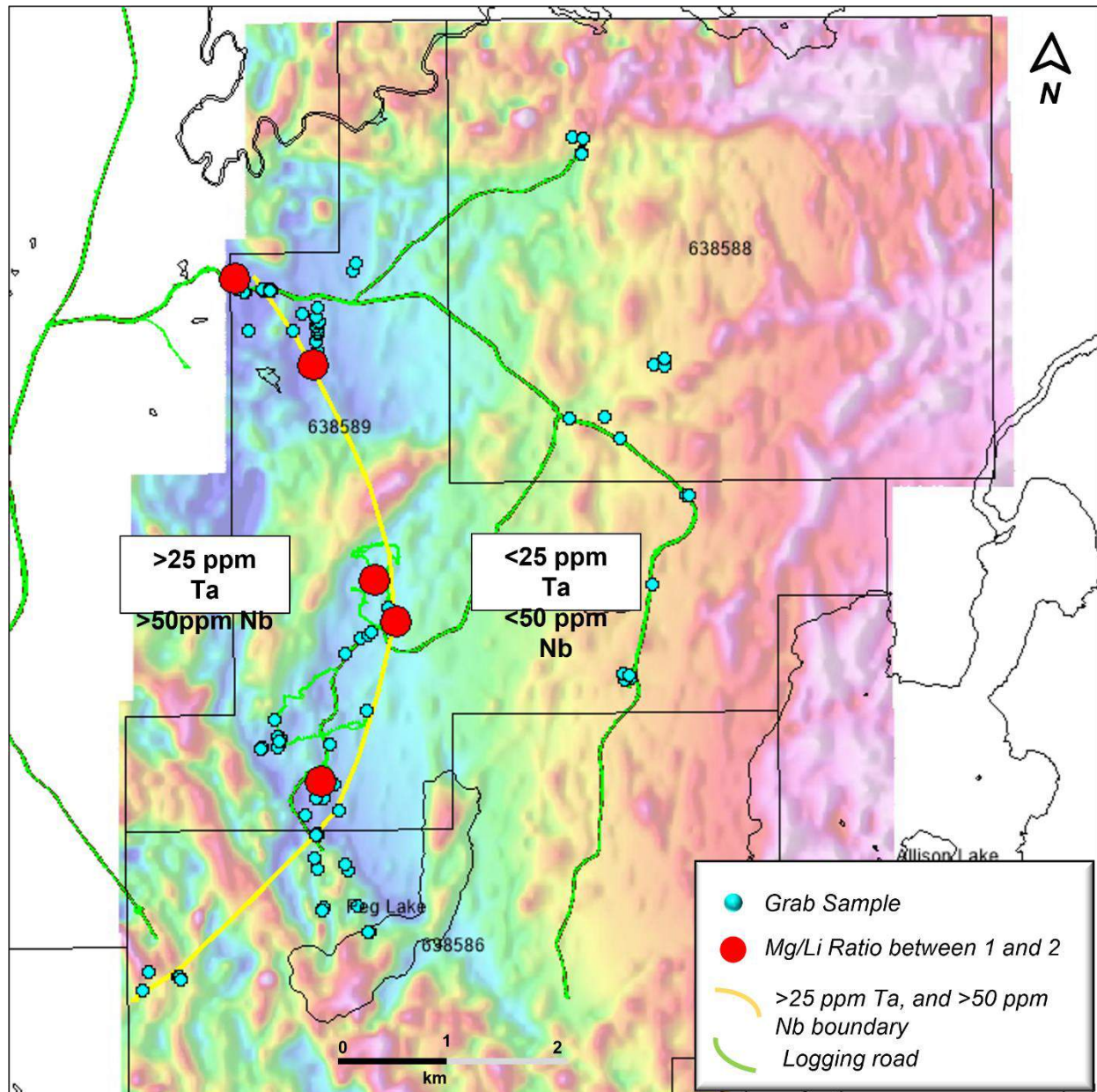


Figure 9.9 Scatter plot of Nb in ppm from the sampling June/September sampling programs.



Additional evidence of fractionation within the northern claim group is displayed in Figure 9.10. Plotting Mg/Li ratios between 1 and 2, which indicate a high degree of fractionation and lithium bearing rocks, mirror a boundary of Ta ppm values >25 ppm and values >50 ppm Nb. This supports the representation of regional zoning in a cogenetic parent granite + pegmatite group in Figure 8.3.

Figure 9.10 Fractionation indicators within the northern claim group over residual total intensity magnetics.



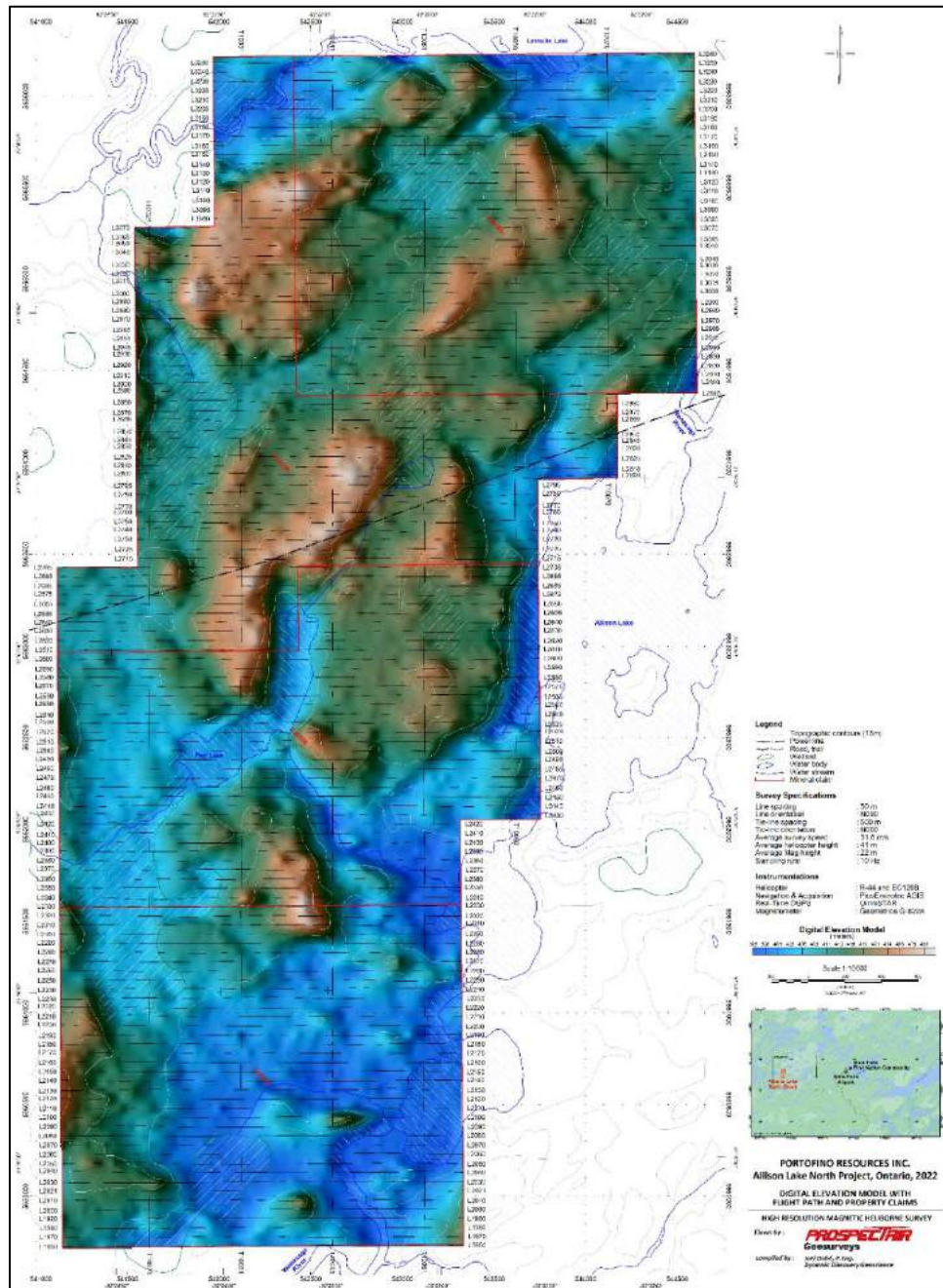
9.4 HIGH RESOLUTION HELIBORNE MAGNETIC SURVEY

Prospectair Geosurveys conducted a heliborne high-resolution magnetic (MAG) survey for Portofino Resources Inc. on its Allison Lake North Property located in the Slate Falls area, Red Lake Mining Division, Province of Ontario. The survey was flown from April 30 to June 5, 2022. The survey was only flown over the original claim group (claims 638585, 638586, 638588 and 638589, Figure 4.1).

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One survey block was flown for a total of 357 l-km. The Allison Lake North block was flown with traverse lines at 50 m spacing and control lines spaced every 500 m. The survey lines were oriented N090 and control lines were flown at an azimuth of N000. The average height above ground of the helicopter was 41 m and the magnetic sensor was at 22 m. The average survey flying speed was 31.6 m/s (Figure 9.11).

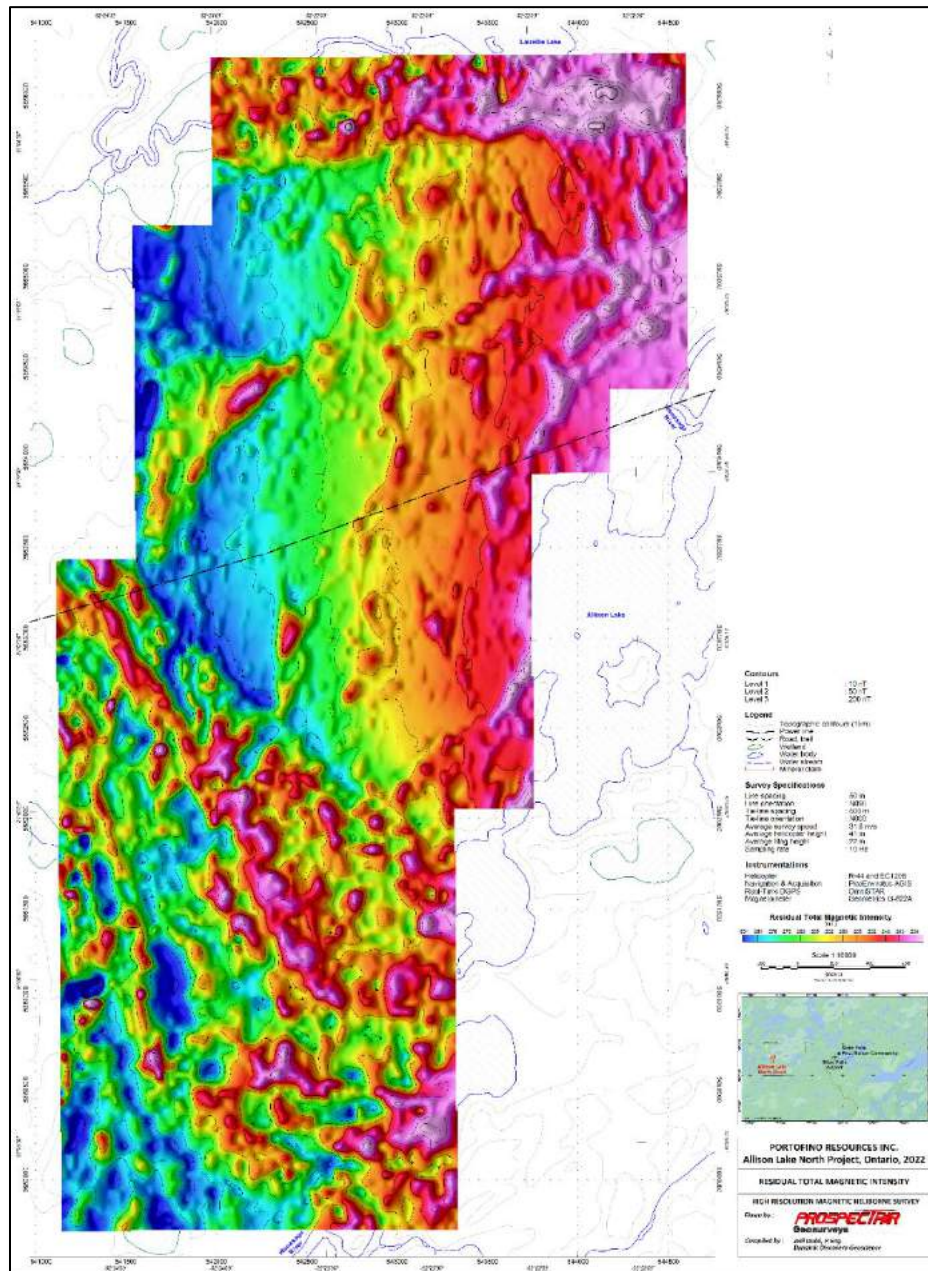
Figure 9.11 Flight lines and digital terrain model of the Allison Lake North property.



9.5 DISCUSSION OF HELIBORNE MAGNETIC SURVEY RESULTS

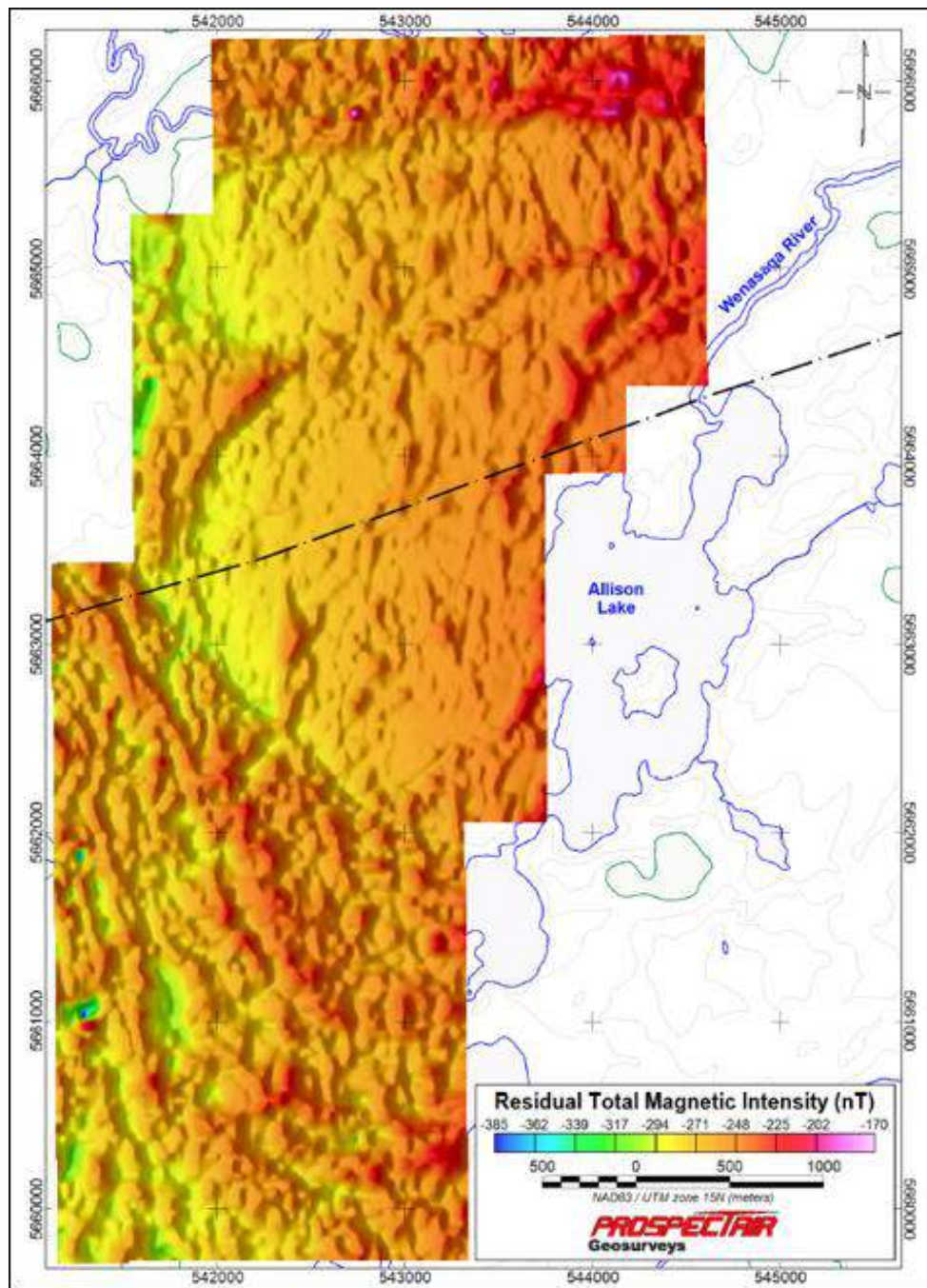
The residual Total Magnetic Intensity (TMI) of the Allison Lake North block, presented in Figure 9.12, is very settled and varies over a limited range of 215 nT, with an average of -261 nT and a standard deviation of only 17 nT. A gradual regional gradient is observed in the block, with values increasing towards the east.

Figure 9.12 Residual total magnetic intensity with equal area colour distribution of the main claim group of the Allison Lake North property.



The magnetic textures and low amplitude signal variations seen throughout the block are typical of felsic intrusive rocks, with meta-sedimentary rocks occurrences also considered possible locally. Weak magnetic anomalies, occurring either in compact or linear shapes, are likely related to small size stocks or dykes, or to meta-sedimentary bands with slight concentrations of pyrrhotite. Stronger anomalies are best seen on Figure 9.12 which shows the residual TMI data with a linear color distribution. Note however that these stronger anomalies are actually very weak in absolute terms.

Figure 9.13 Residual total magnetic intensity with linear colour distribution, Allison Lake North property.



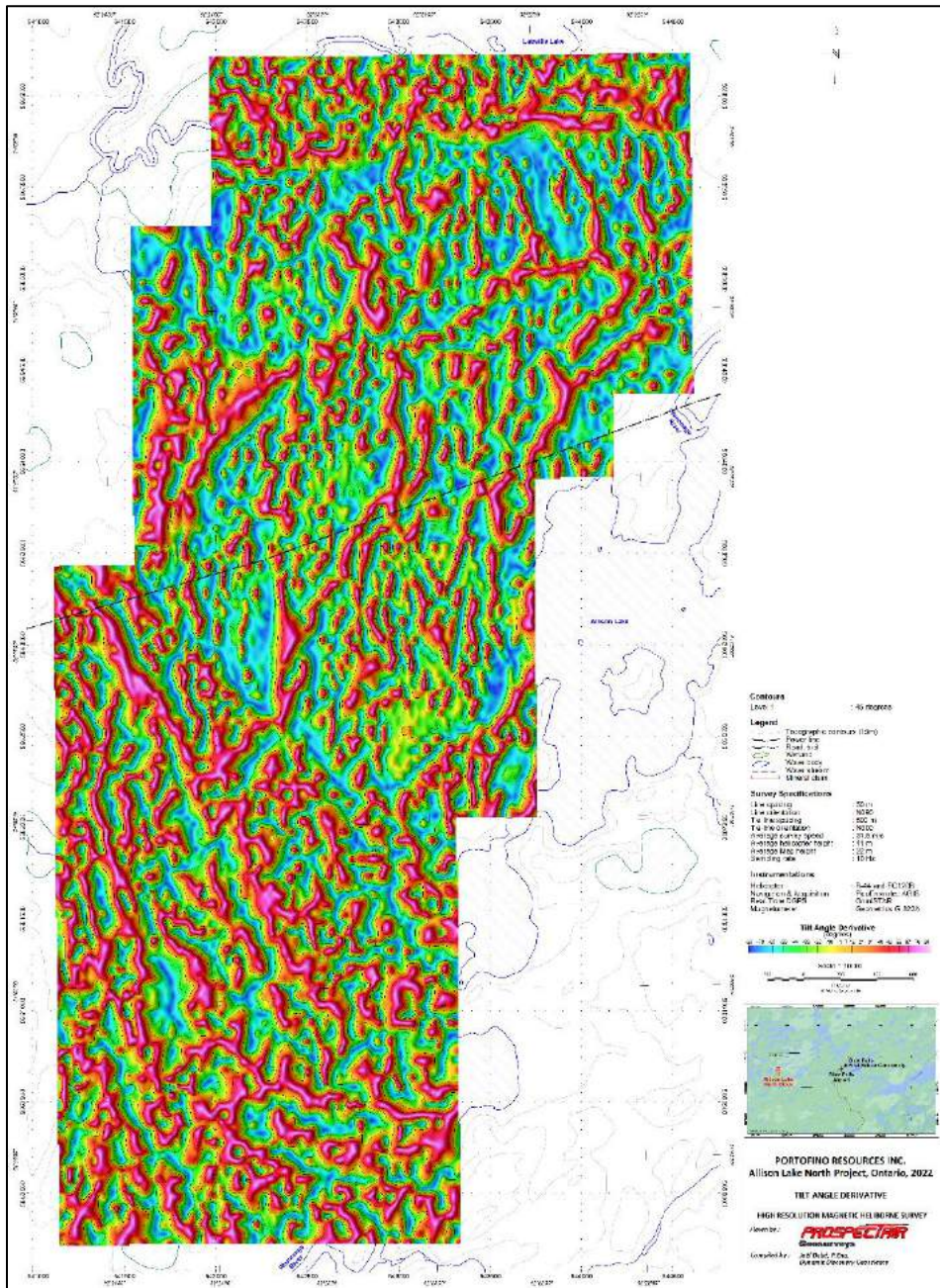
Magnetic lineaments are very variable in strike in the area. Several lineaments appear curved, either indicating internal structures of large size intrusions, or regional folding structures. In general terms, magnetic lineaments are related to rock formations that are enriched in magnetic minerals (magnetite and/or pyrrhotite).

In some areas, it is possible to detect structural features offsetting observed magnetic lineaments and causing abrupt interruption or changes of the magnetic response. These features are typically caused by faults, fractures and shear zones. If they are thought to be favorable structures in the exploration context of the Allison Lake North project, they should be paid particular attention and should be the object of a comprehensive structural interpretation, which is beyond the scope of this report.

Shorter wavelength anomalies are greatly enhanced on the FVD (Figure 9.14) and on the TILT (Figure 9.15) products. Since the FVD attenuates longer wavelength anomalies, and the TILT enhances very weak amplitude anomalies, they are the preferred products for structural interpretation.



Figure 9.15 Tilt angle derivative of total magnetic intensity, Allison Lake North property.



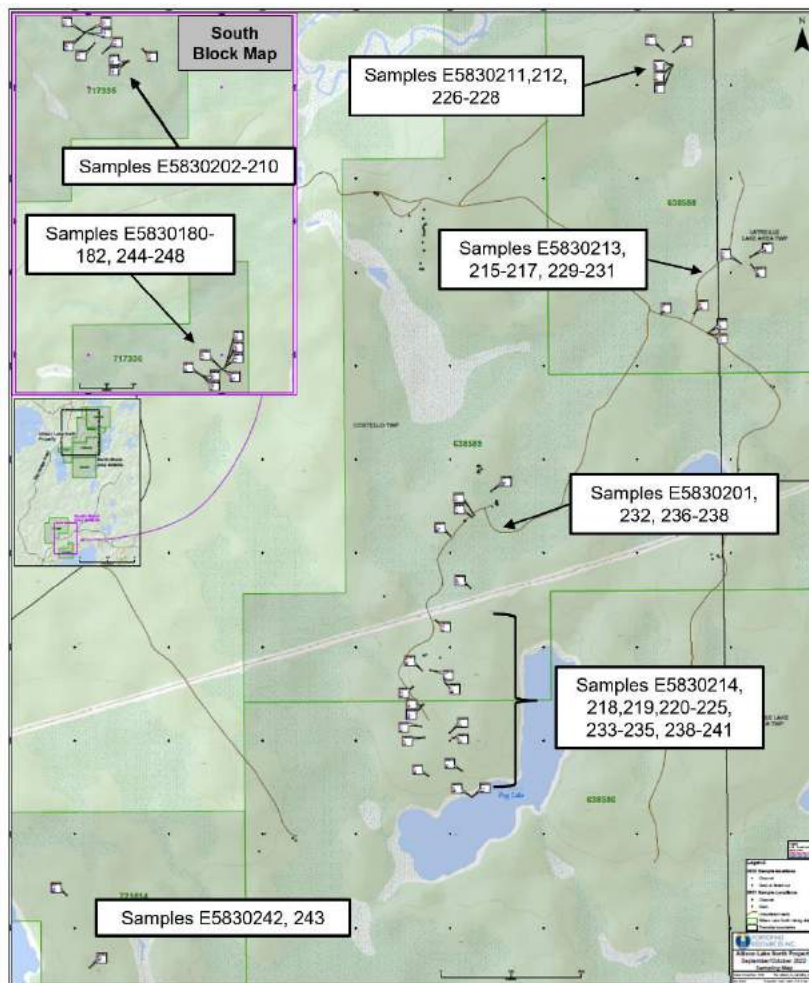
Regarding cultural interference, human infrastructures such as the power line located in the central part of the block are known to be possible sources of non-geological noise in the magnetic data. Of course, the power line itself is directly inducing noise in the local magnetic data. In addition, when the helicopter had to steeply climb up above this infrastructure for obvious safety reasons, the magnetic response can appear somewhat blurred, with anomalies being attenuated in amplitude and increased in wavelength

because of the greater sensor distance from the ground. This can also result in local stripes parallel to survey lines in the data. This effect is really local and quickly fades out on either sides of the overflow obstacle, but must be nevertheless considered when following-up on the results.

9.6 FALL 2022 MAPPING AND SAMPLING

The objective of the fall 2022 mapping and sampling programs was to re-visit elevated rare-element results from the 2021 field programs and prospect and sample over new claims added to the Allison Lake North property (Figure 9.16). The new claims were added along the edge of the Allison Lake Batholith and within the Jubilee metasediments to the west where fractionation indicators (Mg/Li ratios, Ta-Nb levels) and the high-resolution magnetic survey suggested possible pegmatite fractionation.

Figure 9.16 Sample locations of the fall 2022 mapping.



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A total of 28 grab samples, 3 channel samples and 20 select channel samples were collected within the fall 2022 mapping and sampling program. Values up to **230 ppm Li** were reported within metasediments adjacent to undocumented pegmatite dykes and up to **622 ppm Rb** within a pegmatite dyke (Table 9.2). A value of **707 ppm Rb** was collected on the original claim group.

Table 9.2 Select element results from the fall 2022 sampling program.

Sample No.	Be ppm	Cs ppm	Ga ppm	Li ppm	Li %	Mg %	Mg/Li Ratio	Nb ppm	Rb ppm	Ta ppm
E5830201	5	2.8	20.0	20.0	0.003	0.04	13.3	3	42.2	0.6
E5830211	<5	27.6	16.9	16.9	0.003	0.04	11.8	5	450.0	1.9
E5830212	<5	16.7	22.4	22.4	0.006	0.07	12.1	14	268.0	5.3
E5830213	<5	8.3	21.9	21.9	0.002	0.04	20.0	9	256.0	1.2
E5830214	<5	20.6	19.3	19.3	0.002	0.05	23.8	7	380.0	1.3
E5830215	<5	13.3	25.3	25.3	0.010	0.07	6.7	9	237.0	0.7
E5830216	5	15.2	31.0	31.0	0.008	0.07	8.8	27	368.0	6.4
E5830217	6	9.2	22.6	22.6	0.004	0.02	4.7	12	248.0	3.7
E5830218	<5	31.5	26.5	26.5	0.012	0.15	12.1	25	377.0	4.1
E5830219	<5	12.0	23.6	23.6	0.009	0.04	4.5	9	301.0	0.8
E5830220	6	24.1	32.4	32.4	0.008	0.08	10.3	22	282.0	2.6
E5830221	<5	6.1	13.1	13.1	0.001	0.01	20.0	<1	409.0	<0.5
E5830222	<5	3.9	43.1	43.1	0.007	0.14	21.2	30	266.0	1.9
E5830223	<5	6.4	18.9	18.9	0.001	0.02	40.0	7	451.0	0.8
E5830224	6	5.1	25.2	25.2	0.001	0.15	300.0	15	85.2	7.6
E5830225	<5	3.5	23.1	23.1	0.002	0.06	40.0	13	210.0	2.7
E5830226	7	12.5	19.3	19.3	0.011	0.06	5.6	8	93.5	2.0
E5830227	57	29.3	33.7	33.7	0.009	0.04	4.5	50	375.0	26.6
E5830228	<5	17.5	24.9	24.9	0.018	0.08	4.5	14	270.0	1.6
E5830229	27	21.2	19.2	19.2	0.012	0.07	6.0	9	122.0	11.5
E5830230	<5	11.0	17.9	17.9	0.007	0.04	5.4	4	176.0	0.7
E5830231	16	30.0	19.3	19.3	0.009	0.05	5.6	11	393.0	7.1
E5830232	<5	6.8	28.7	28.7	0.004	0.19	46.3	2	85.7	<0.5
E5830233	<5	15.5	22.4	22.4	0.002	0.05	20.8	10	218.0	1.9
E5830234	<5	18.0	56.6	56.6	0.007	0.07	9.9	59	562.0	6.5
E5830235	<5	14.3	26.9	26.9	0.016	0.13	8.2	20	246.0	2.5
E5830236	38	49.8	38.2	38.2	0.005	0.03	5.8	93	707.0	25.5
E5830237	<5	9.8	22.2	22.2	0.009	0.20	22.7	10	240.0	1.4
E5830238	<5	6.5	26.6	26.6	0.005	0.07	13.5	12	141.0	1.2
E5830240	<5	9.0	21.9	21.9	0.002	0.05	27.8	8	220.0	1.1
E5830244	<5	17.2	25.0	25.0	0.011	0.05	4.6	20	463.0	3.5
E5830245	125	22.5	28.4	28.4	0.002	0.02	13.3	68	622.0	33.4
E5830247	172	13.9	30.0	30.0	0.003	0.02	6.3	59	447.0	16.4
E5830248	146	13.2	23.8	23.8	0.004	0.01	1.4	59	481.0	26.8
E5830181	88	13.8	16.9	16.9	0.002	0.02	8.3	38	314.0	25.9
E5830202	3.43	37.2	29.3	234.0	0.023	1.18	50.4	8.1	163.0	1.42
E5830203	1.08	21.5	21.2	212.0	0.021	1.27	59.9	2.8	118.0	0.25
E5830204	1.21	6.3	18.8	58.1	0.006	1.00	172.1	4.8	71.3	0.39
E5830205	0.96	10.0	16.7	28.7	0.003	0.52	181.2	0.8	57.6	0.08
E5830206	0.77	10.7	18.9	21.6	0.002	0.25	115.7	3.0	59.9	0.28
E5830207	0.41	2.7	15.2	19.2	0.002	1.82	947.9	2.5	5.1	0.22
E5830208	0.99	7.6	15.8	16.1	0.002	0.29	180.1	1.7	45.7	0.17
E5830209	0.68	4.4	20.0	70.5	0.007	0.70	99.3	3.3	71.3	0.30
E5830210	1.15	5.3	24.3	128.0	0.013	0.74	57.8	5.9	33.3	0.47
E5830239	2.06	16.2	23.5	175.0	0.018	1.48	84.6	5.8	140.0	0.54
E5830241	1.68	30.9	25.3	235.0	0.024	1.47	62.6	8.1	198.0	1.12
E5830242	0.50	5.1	27.1	17.6	0.002	2.09	1187.5	4.8	18.4	0.33
E5830243	1.43	3.3	17.4	50.1	0.005	1.32	263.5	5.2	78.1	0.46
E5830246	16.30	30.2	24.3	149.0	0.015	1.06	71.1	11.6	327.0	3.06
E5830180	13.50	17.0	27.2	61.7	0.006	0.57	92.4	14.6	315.0	4.19
E5830182	20.00	68.7	23.0	230.0	0.023	0.75	32.6	22.8	465.0	12.90
Samples analyzed by 4-acid digestion versus sodium peroxide fusion.										

9.7 DISCUSSION OF THE FALL 2022 MAPPING

The fall 2022 mapping and sampling program discovered undocumented pegmatites. Results of elevated elements in Li, Be, Cs, Nb and Ta substantiate evolved fractionation of pegmatites from a fertile parent granite as levels were well above their background crustal threshold levels (Figures 9.17-9.21). Elevated lithium values up to 234 ppm Li were encountered in the new southern claim groups in quartz muscovite schist and 230 ppm Li in Jubilee metasediments. The Mg/Li ratio supports fractionation of a fertile parent granite, the Allison Lake Batholith, along it's edges and into the metasediments (Figure 9.22).

Figure 9.17 Scatter plot of Li in ppm from the fall 2022 sampling programs.

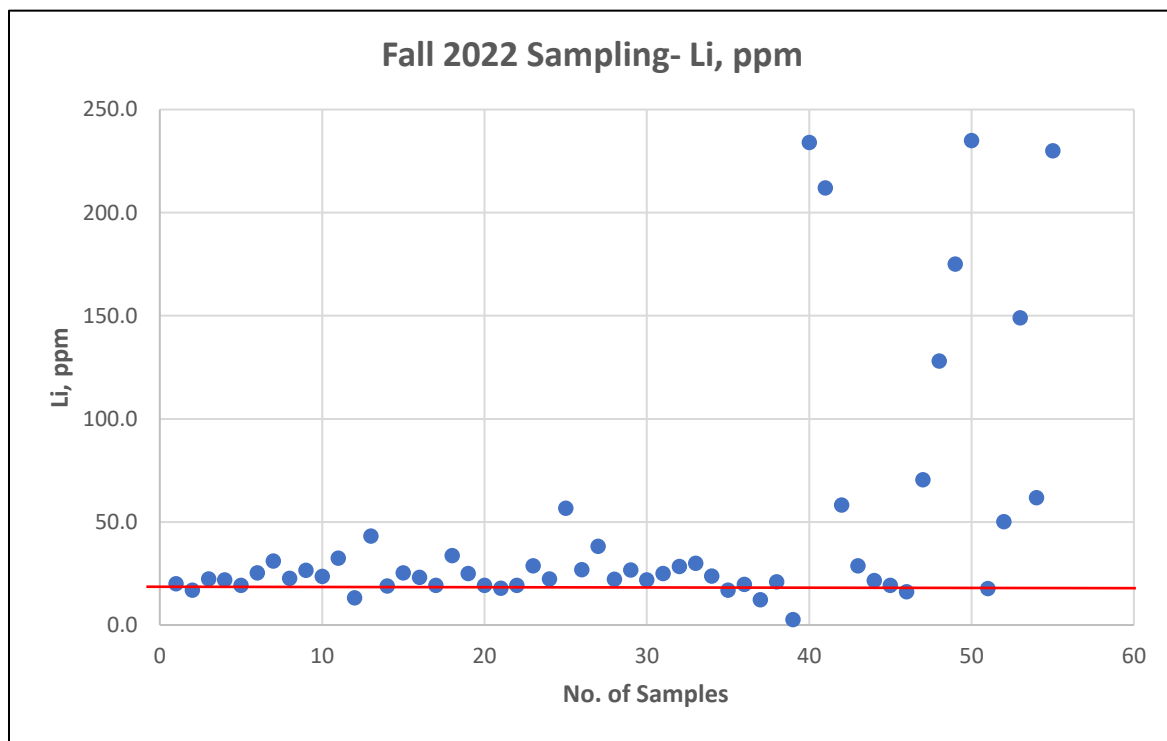


Figure 9.18 Scatter plot of Be in ppm from the fall 2022 sampling programs.

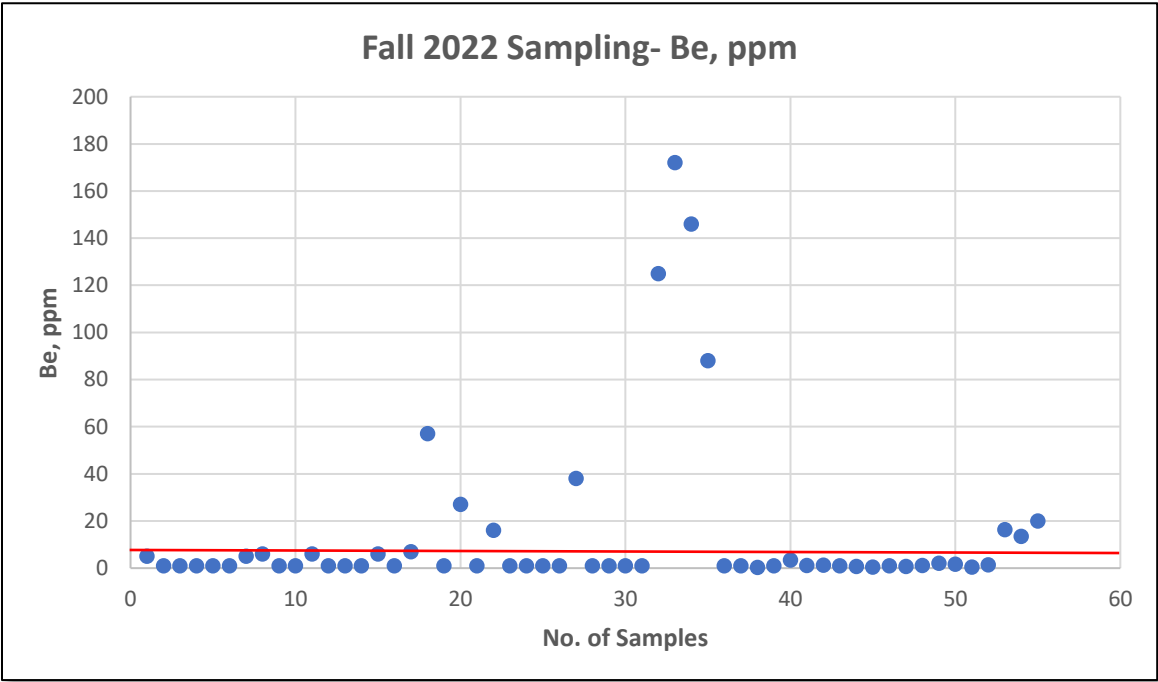


Figure 9.19 Scatter plot of Cs in ppm from the fall 2022 sampling programs.

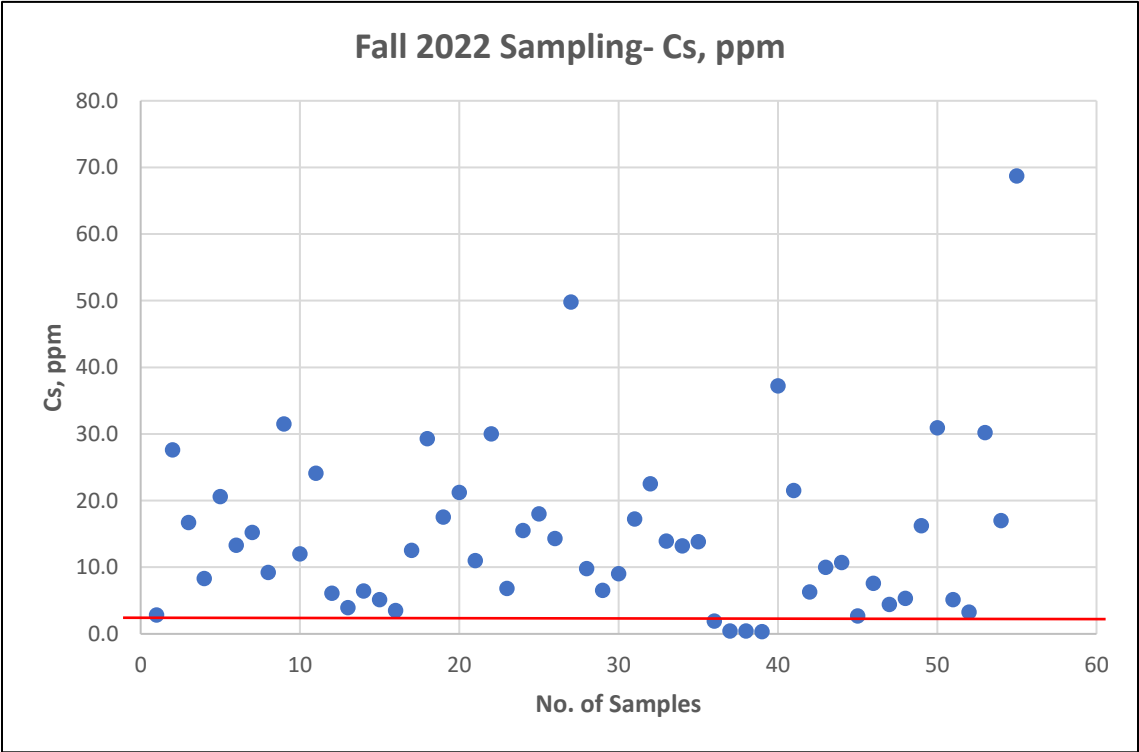


Figure 9.20 Scatter plot of Nb in ppm from the fall 2022 sampling programs.

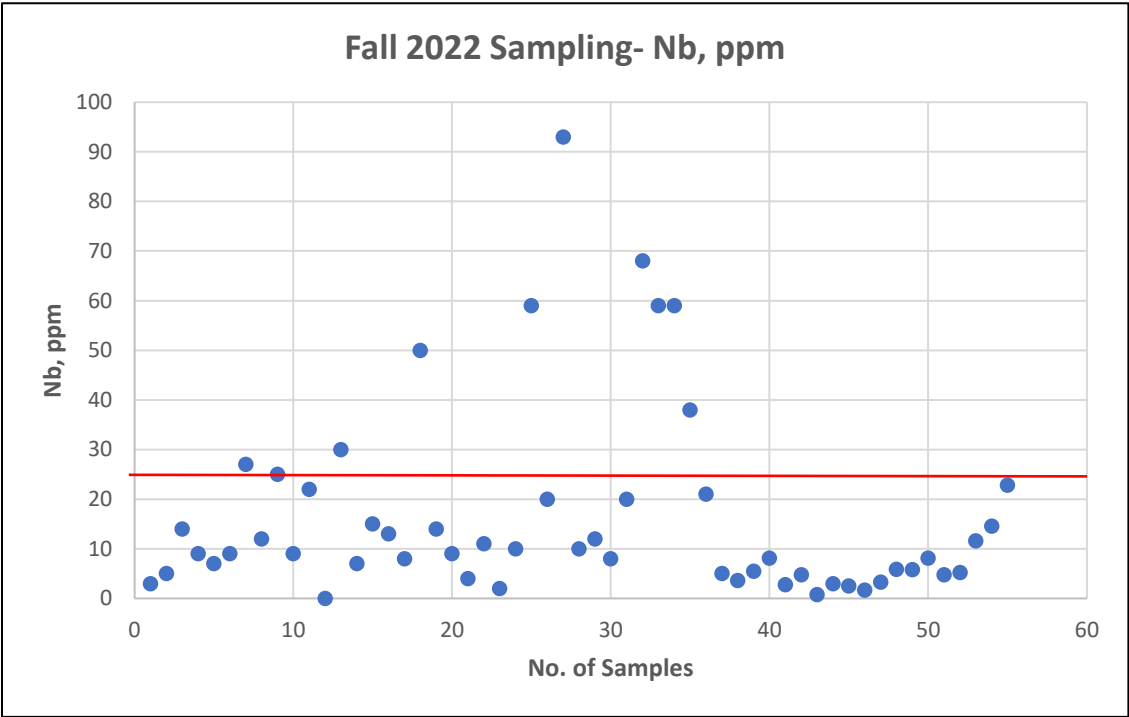


Figure 9.21 Scatter plot of Ta in ppm from the fall 2022 sampling programs.

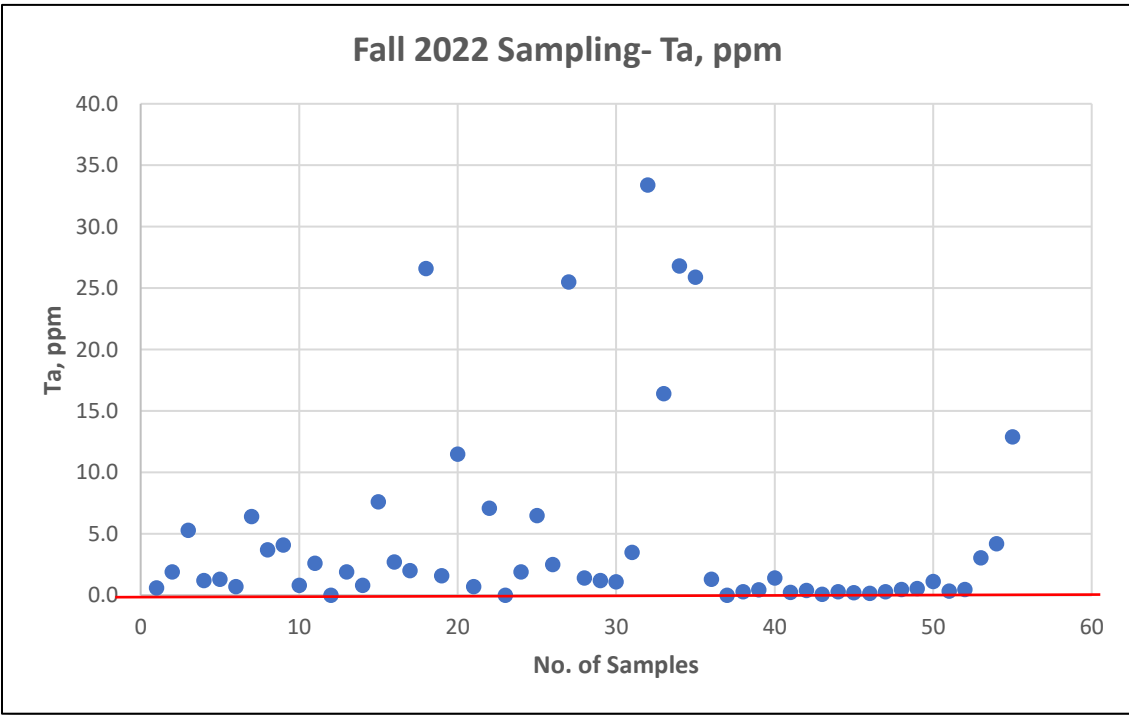
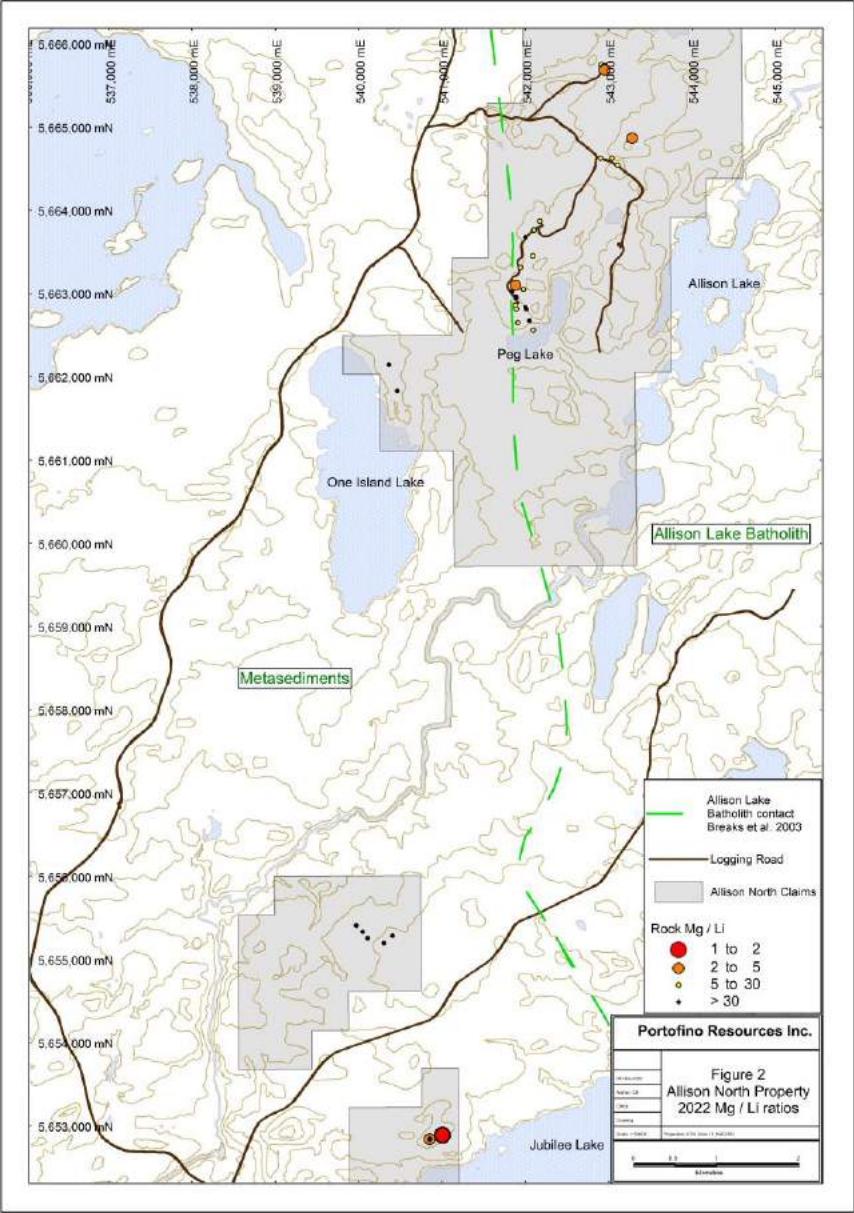


Figure 9.22 Plan map of the Mg/Li ratios of the fall 2022 sampling program.



10.0 DRILLING

Portofino has not yet performed drilling on the Property.

11.0 SAMPLE PREPARATION, ANALYSIS and SECURITY

The Author cannot comment on the sampling protocols from the various historical sampling programs. Quality Control and Assurance (QA/QC) protocols were not set forth with the National Instrument 43-101 until June 2001. The Author can only rely on the fact that the various geologists would have followed protocols under the ethical guidance and standard procedures of his/her professional designation. There is no reason to doubt the validity of these results in the express opinion of the Qualified Person for this Technical Report.

11.1 FALL 2021 SAMPLING PROGRAMS

Thirty-three (33) channel samples, fifty-nine (59) select channel samples (single cuts not contiguous with any other samples) and twenty-eight (28) grab samples were collected on the Allison Lake North cell-claims during the 2021 field programs. The June program was carried out by Bruce MacLachlan, P.Geo (Limited), Coleman Robertson P.Geo (GIT) and Kale Wood of Emerald Geological Services (EGS). The September sampling program was completed by Bruce MacLachlan and Coleman Robertson.

All samples were collected either by hammering or chiselling a grab sample from outcrop or by channel sampling. The channel sampling was conducted using a cut-off saw with a 14-inch blade. Where a sample could not be taken by hammer and chisel from outcrop due to the flatness of the outcrop because of glacial scouring, a grab sample was collected using the channel saw. Channels were cut, photographed, logged and chip sampled in 0.30m (grab) up to 1 m lengths (channel). Each channel cut was between 2.5 cm and 4.0 cm wide.

Rock samples were photographed in the field and labeled by their sample number, direction the photo is taken and type (outcrop-frost heave-talus etc.). A representative rock sample “Rep” was labeled of every rock sample sent for analysis and kept for future reference. In addition to the grab sample photos, photos were collected and labeled of various outcrops and other features in the field.

Each grab or channel sample was bagged separately in clear polyethylene sample bags with an AGAT Laboratories (AGAT) sample identification tag in each bag and tied with flagging tape for transport out of the field. A total of 120 channel, selective channel (single channel sample) and grab samples were collected. Individually bagged samples were then put into rice bags and shipped via Greyhound bus or Purolator to AGAT Laboratories in Thunder Bay, Ontario.

All samples were analyzed by AGAT for a 58-element sodium-peroxide fusion with an ICP-MS finish (inductively-coupled plasma (ICP) mass spectrometry (MS) with analytical code

201-378. Two samples underwent gold analyses (code 201-071) utilizing a Fire Assay method (50 g) with an AAS Finish (atomic absorption spectroscopy).

AGAT practices stringent Quality Control Protocols with the insertion for exploration and ore grade samples which includes sample reduction blanks and duplicates, method blanks, weighted pulp replicates and reference materials. There were no QA/QC failures in the above samples.

AGAT Laboratories are ISO 17025:2005 accredited.

The Certificate of Analyses for the June and September 2021 sampling programs are found in Appendix II.

11.2 FALL 2022 SAMPLING PROGRAM

Three (3) channel samples, twenty (20) select channel samples (single cuts not contiguous with any other samples) and twenty-eight (28) grab samples were collected during the 2022 fall program between October 26 and November 2. The program was carried out by Bruce MacLachlan, P.Geo (Limited) and Coleman Robertson G.I.T. of Emerald Geological Services (EGS).

Sampling protocols and documentation were the same as the 2021 programs.

Each grab or channel sample was bagged separately in clear polyethylene sample bags with an AGAT Laboratories (AGAT) sample identification tag in each bag and tied with flagging tape for transport out of the field. A total of 51 channel, selective channel (single channel sample) and grab samples were collected. Individually bagged samples were then put into rice bags and hand-delivered to AGAT Laboratories in Thunder Bay, Ontario.

Thirty-five (35) samples were analyzed by AGAT utilizing a 48-element sodium-peroxide fusion with an ICP-MS finish (inductively-coupled plasma (ICP) mass spectrometry (MS) with analytical code 201-378. Sixteen (16) samples underwent analyses (code 201-071), a multi metals package utilizing a 4-acid digestion with an ICP-MS finish (inductively-coupled plasma (ICP) mass spectrometry (MS) finish.

AGAT practices stringent Quality Control Protocols with the insertion for exploration and ore grade samples which includes sample reduction blanks and duplicates, method blanks, weighted pulp replicates and reference materials. There were no QA/QC failures in the above samples.

AGAT Laboratories are ISO 17025:2005 accredited.

The Certificate of Analyses for the fall 2022 sampling program are found in Appendix III.

12.0 DATA VERIFICATION

Some of the exploration summary reports and technical reports for projects on the Property were prepared before the implementation of National Instrument 43-101 in 2001 and Regulation 43-101 in 2005. The authors of such reports appear to have been qualified and the information prepared according to standards that were acceptable to the exploration community at the time. The Author or co-Author has no known reason to believe that any of the information used to prepare this report is invalid or contains misrepresentations.

12.1 SITE VISIT

Additional data verification aspects were meant to include access and observe mineralization and lithology on the Property. The Author has not visited the Property. The co-Author was involved in the sampling programs completed in June and September 2021 and October-November 2022 (Photo 1). This involved sampling and recording observations in the field with regards to rare-element pegmatite and granite mineralization and supervising sampling and security protocols (Photo 2). This satisfies Section 12.0 of the 43-101 Technical Report guidelines as the qualified co-Author of the Report verifies the adequacy and accuracy of the data.

Photo 1. Example of recording sample locations, Allison Lake North Property.



Photo 2. Co-author Bruce MacLachlan on-site at Allison Lake North channel sampling program.



13.0 MINERAL PROCESSING and METALLURGICAL TESTING

Portofino has not performed any mineral processing or metallurgical testing within the Property.

14.0 MINERAL RESOURCE ESTIMATES

Portofino has not performed any resource estimates on the Property.

15.0 ADJACENT PROPERTIES

It is the express opinion of the Author and co-Author that the Property is currently in a greenfield exploration stage. There are no adjacent properties that have advanced beyond the status of the Property.

16.o. OTHER RELEVANT DATA AND INFORMATION

There is no additional data or information that the Author or co-Author is aware of that would change their findings, interpretation, conclusions and recommendations for the potential of the Allison Lake North Property.

17.0 INTERPRETATION AND CONCLUSIONS

The Allison Lake North property is hosted within and on the edge of the Allison Lake Batholith. The Allison Lake Batholith is located within the Archean-aged Uchi Subprovince of the Superior Province in northwestern Ontario. Northwestern Ontario Archean-aged subprovinces are host to numerous rare-element pegmatite deposits and occurrences.

From Breaks et al., 2003:

Past work in more localized areas of the Superior Province of Ontario has led to a proposed linkage between peraluminous, S-type, fertile parent granites and rare-element pegmatites (e.g., Dryden area (Breaks and Moore 1992); Separation Lake area (Breaks and Tindle 1996, 1997a, 1997b). Recognition of peraluminous granites is critical in the exploration for rare-element pegmatites because delineation of such granite masses effectively reduces the target area of investigation. Most pegmatite swarms that can be linked with an exposed fertile, parent granite pluton are situated within approximately 15 km of such granites (e.g., Separation Rapids pluton and eastern and southwestern rare-element pegmatite groups (Breaks and Tindle, 1996, 1997a, 1997b). However, for much of the vast Superior Province, there are relatively little data available to chemically and mineralogically characterize potential peraluminous granite masses.

The Allison Lake Batholith represents an important new exploration target for rare-element mineralization and is the largest such granite thus far documented in Ontario (Breaks et al, 2003).

The following salient features of the Allison Lake North Property makes this a property of high merit for rare-element pegmatite mineralization:

- 1) Observed and mapped pegmatite dykes on the Property.
- 2) Elevated lithium, beryl, cesium, tantalum, rubidium and niobium values in pegmatite dykes within the property suggesting a rare-element pegmatite type deposit model consistent with other pegmatite fields in northwestern Ontario.
- 3) Mg/Li ratio's suggesting that the parent granite is fertile and peraluminous and that pegmatites are lithium-bearing.
- 4) Fractionation trends of Mg/Li ratios that mirror elevated Ta and Nb values.
- 5) Known lithium-bearing pegmatites (SJ Pegmatite) proximal to the southern claim group and the Root Lake pegmatite field associated with the Allison Lake Batholith.
- 6) Proximity (20 km) to the Uchi-English River terrane boundary. Granite-pegmatite systems typically occur along subprovince boundaries.

- 7) The first conducted exploration on the Property underpinning how little systematic exploration has been completed.

It is of the Author's and co-Author's opinion that the Allison Lake North Property be continued to be explored for rare-element mineralization as indications are favourable for continued success.

18.0 RECOMMENDATIONS

The Allison Lake North Property is an underexplored property that represents an early-stage mineral stage exploration opportunity that is contained within the fertile S-type peraluminous granite of the Allison Lake Batholith, which has the potential for the discovery of rare-element mineralization. Applying modern day exploration techniques and up to date geological modeling based on similar model type deposits typical of rare-element pegmatite deposits in northwestern Ontario will undoubtedly lead to or provide the clues to a possible lithium-bearing pegmatite deposit. This can only be accomplished when a prudent methodical approach is considered comprised of geological studies, geochemical sampling, geological interpretations and a complete understanding of the model. When these combined efforts are considered and carried out, there exists the possibility of a discovery.

As no exploration work has been previously done on the Property other than research investigations by the OGS, a compilation of any and all historical geological, geochemical and geophysical data (i.e., Breaks et al 2003) into GIS referenced layers is the first and most important base of needed knowledge for methodical and diligent well-vectored exploration. Next, field work consisting of geological mapping and geochemical sampling of outcroppings with details to pegmatite dyking, style of dyking and interaction with nearby lithologies should be recorded. Whole rock analysis and rare element analysis to determine fertility and fractionation trends should be part of the analytical work. The contact of the Jubilee metasediments with the Allison Lake Batholith along fractionation trends should be systematically mapped. Possible blind pegmatites modeled to be hosted within the metasediments or along the batholith could undergo soil sampling. This would be considered Phase 1 and is estimated to cost \$107,000 (Table 18.1)

Stripping, trenching, washing of pegmatitic outcrops and systematic channel sampling should follow-up on those areas of high merit would be considered Phase II and would be dependent on Phase I results.

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Table 18.1 Estimated budget for Phase 1 exploration expenditures.

Allison Lake North Phase I Exploration Program						
Work Type	Details	Units	Unit Amount	Unit Cost	Sub-total	Sub-total by category
Preperation, travel, labour, R&B	Preperation and GIS	days	4	\$ 1,700.00	\$ 6,800.00	
	Travel	days	4	\$ 1,700.00	\$ 6,800.00	
	Prospecting, Soil Sampling & Mapping (2 men)	days	25	\$ 1,700.00	\$ 42,500.00	
					\$ 56,100.00	\$ 56,100.00
Rentals	Rock Saw Rental	days	7	\$ 50.00	\$ 350.00	
	Camp Rental	days	7	\$ 200.00	\$ 1,400.00	
					\$ 1,750.00	\$ 1,750.00
Travel	Mileage	km	7000	\$ 1.00	\$ 7,000.00	
	Float Plane access	trips	6	\$ 1,000.00	\$ 6,000.00	
					\$ 12,500.00	\$ 12,500.00
Assays	Rock Analysis	samples	150	\$ 60.00	\$ 9,000.00	
	Soil Analysis	samples	150	\$ 60.00	\$ 9,000.00	
	Lake Sediment Analysis	samples	20	\$ 60.00	\$ 1,200.00	
					\$ 19,200.00	\$ 19,220.00
Supplies	Sample bags, flagging, batteries, generator & saw gas etc.	days	25	\$ 75.00	\$ 1,875.00	
					\$ 1,500.00	\$ 1,500.00
Reporting	Labour	days	4	\$ 700.00	\$ 2,800.00	
	Drafting	hours	25	\$ 80.00	\$ 2,000.00	
					\$ 4,800.00	\$ 3,700.00
	Sub-total					\$ 94,770.00
	Contingency 10%					\$ 12,230.00
Total Phase 1					\$	107,000.00

Subsequent exploration programs beyond Phase II will depend upon the success and results of the first two phases of exploration.

19.0 REFERENCES

Breaks, F.W., Selway, J.B. and Tindle, A.G. 2003. Fertile peraluminous granites and related rare-element mineralization in pegmatites, Superior Province, northwest and northeast Ontario: Operation Treasure hunt; Ontario Geological Survey, Open File Report 6099, 179p.

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Williams, H.R., Stott, G.M., Heather, K.B., Muir, T.L., and Sage, R.P., 1991. Wawa subprovince. In Geology of Ontario. Edited by P.C. Thurston, H.R. Williams, R.H. Sutcliffe, and G.M. Stott. Ontario Geological Survey, Special Volume 4, Part 1, pp. 485-539.

20.0 CERTIFICATES

CERTIFICATE OF QUALIFIED PERSON

MICHAEL KILBOURNE, P.GEO.

I, Michael Kilbourne, P.Geo., of 20 Park View Avenue, Oro Station, Ontario, LoL 2Eo, do hereby certify that:

- 1) I am an independent consulting geologist.
- 2) This certificate applies to the technical report titled “NI43-101 Independent Technical Report on Allison Lake North Property for Portofino Resources Inc., Ear Falls, Ontario”, (the “Technical Report”) with an effective date December 10, 2022.
- 3) I graduated with a degree of Bachelor of Science Honours, Geology from the University of Western Ontario in 1985.
- 4) I am a Professional Geoscientist (P.Geo.) registered with the Professional Geoscientists of Ontario (PGO No. 1591) am registered with the Ordre des Géologues du Québec (OGQ, restrictive license No. 1971) am registered with Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists (NAPEG No. L4959) and am a member of the Prospectors and Developers Association of Canada
- 5) I have over 40 years of experience in the exploration and mining industry with various junior exploration and mining companies throughout North America. I have supervised and managed over 150,000 meters of diamond drilling, with over 85% of that drilling performed for gold exploration in Archean greenstone belts of the Superior Province throughout Ontario and Quebec. I was a production geologist at the Pamour Gold Mine in Timmins from 1991 to 1996 gaining invaluable experience in underground narrow vein, underground bulk and open pit gold mining. I have managed and been involved in various geological exploration programs for precious metals, base metals and rare-element mineralization throughout Archean aged environments since 1980. I have held former executive positions with publicly traded junior resource companies.
- 6) I have read the definition of “Qualified Person” set out in NI 43-101 and Form 43-101F1 and certify that by reason of my education, affiliation with a professional association (as defined in Regulation 43-101) and past relevant work experience, I fulfil the requirements to be a “Qualified Person” for the purposes of Regulation 43-101.
- 7) I have read NI 43-101 and Form 43-101F1 and I am responsible for authoring Sections 1-10 and Sections 13-20 of the Technical Report, which has been prepared in compliance with NI 43-101 and Form 43-101F1.
- 8) I have no prior involvement with the property that is the subject of this Technical Report.

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- 9) I am independent of the Portofino Resources Inc. applying all of the tests in Section 1.5 of NI 43-101.
- 10) As of the effective date of the Technical Report, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
- 11) I, Michael Kilbourne, do hereby consent to the public filing of the technical report entitled "NI43-101 Independent Technical Report on the Allison Lake North Property for Portofino Resources Inc., Ear Falls, Ontario" with an effective date of December 10, 2022 (the "Technical Report") by Portofino Resources Inc. (the "Issuer") with Sedar under its applicable policies and forms and I acknowledge that the Technical Report will become part of the Issuer's public record.

Dated at Oro Station, Ontario this 10th day of December 2022.

{SIGNED}

[Michael Kilbourne]



Michael Kilbourne, P.Geol. (PGO # 1591)

CERTIFICATE OF QUALIFIED PERSONS

BRUCE MACLACHLAN, P.GEO (LIMITED).

I, Bruce MacLachlan, P. Geo. (Limited) of 222 Emerald St., Timmins, Ontario, P4R 1N3, do hereby certify that:

- 1) I am a professional geoscientist.
- 2) This certificate applies to the technical report titled “NI43-101 Independent Technical Report on Allison Lake North Property for Portofino Resources Inc., Ear Falls, Ontario”, (the “Technical Report”) with an effective date December 10, 2022.
- 3) I am a Professional Geoscientist (P.Geo.) (Limited) registered with the Professional Geoscientists of Ontario (PGO No. 1025).
- 4) I have continuously practiced my profession as a geologist for over 38 years. I have prepared reports, conducted, supervised and managed exploration programs for several major and junior mining companies including Noranda Exploration Company Limited, CanAlaska Uranium Ltd., Noront Resources Ltd., Bold Ventures Inc., GoldON Resources Inc., and others.
- 5) I have read NI 43-101 and Form 43-101F1 and I am responsible for authoring Sections 11 and 12 of the Technical Report, which has been prepared in compliance with NI 43-101 and Form 43-101F1.
- 6) I was involved in the sampling and supervising of sampling during the June/September 2021 and fall 2022 exploration programs.
- 7) I am independent of the Issuer applying all of the tests in Section 1.5 of NI 43-101.
- 8) As of the effective date of the Technical Report, to the best of my knowledge, information and belief, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
- 9) I, Bruce MacLachlan, do hereby consent to the public filing of the Technical Report titled “NI 43-101 Independent Technical Report on the Allison Lake North Property for Portofino Resources Inc., Ear Falls, Ontario” dated December 10th, 2022, by Portofino Resources Inc. (the “Issuer”) with Sedar under its applicable policies and forms, and I acknowledge that the Technical Report will become part of the Issuer’s public record.

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO

Dated at Timmins, Ontario this 10th day of December 2022.

{SIGNED}

[Bruce MacLachlan]

A handwritten signature in black ink, appearing to read "Bruce MacLachlan", written in a cursive style.

Bruce MacLachlan, P.Geol. (Limited) (PGO # 1025)

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APPENDIX I

Rock Sample Descriptions

Sample number	Easting (Nad 83 UTM Zone 15)	Northing (Nad 83 UTM Zone 15)	Elevation (m)	Date	Area	Claim	Sample Type	Rock Type	Rock Code	Description	Source	Lab Certificate	Li_ppm	Ta_ppm
B25755	543150	5663582	423	21-Jun-21	Logged area in central-eastern claims	638589	Grab	Pegmatite	PEG	Pegmatite with white feldspar, smaller smoky quartz crystals, 1mm red garnet, coarse muscovite with greenish tinge, several blocky black tourmaline crystals. Outcrop.	Outcrop	21B770878	54.2	11.7
B25756	543122	5663576	425	21-Jun-21	Logged area in central-eastern claims	638589	Grab	Pegmatite	PEG	Pegmatite with pink kapor crystals spanning several cm, less coarse white feldspar, even less coarse smoky quartz and mica flakes, minute red garnet. Subangular float.	Float	21B770878	11.4	0.847
B25757	543117	5663595	421	21-Jun-21	Logged area in central-eastern claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse white feldspar crystals and coarse mica flakes, less coarse smoky quartz, and a few mm-scale subhedral light green crystals. ~2 by 1 by 1mm angular float.	Float	21B770878	56.1	1.54
B25758	543234	5663958	421	21-Jun-21	Logged area in central-eastern claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse white feldspar crystals, coarse greenish muscovite, less coarse smoky quartz, several 1-2mm turquoise euhedral crystals of likely beryl, minor <1mm red garnet. Talc block at base of hill.	Talus	21B770878	210	1.83
B25759	543369	5664315	419	21-Jun-21	Logged area in central-eastern claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse pink feldspar, less coarse white feldspar and smoky quartz, fairly coarse flakes of white yellow to locally red mica. 1 by 1 by 0.5mm subangular boulder.	Float	21B770878	9.34	0.976
B25760	541958	5663153	428	22-Jun-21	Logged area in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with pervasive black platy mica, large striated crystals.	Outcrop	21B770878	254	3.18
B25761	541899	5663167	418	22-Jun-21	Logged area in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse white-pink feldspar, coarse greenish mica and several blocky black tourmaline crystals. Outcrop.	Outcrop	21B770878	126	17
B25762	541892	5663162	420	22-Jun-21	Logged area in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse white-pink feldspar, coarse biotite and pinkish mica flakes, several blocky black tourmaline crystals, local green tinge to translucent crystals. Outcrop.	Outcrop	21B770878	195	2.12
B25763	541887	5663164	420	22-Jun-21	Logged area in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse white feldspar & a white-beige-greyish semi-translucent mineral spanning several cm (Spodumene? Feldspar?), less coarse smoky quartz, 1mm reddish garnet, some blocky black tourmaline crystals up to a few cm. Almost appears to be a few-cm-wide band of quartz-tourmaline-garnet. Fractured outcrop.	Outcrop	21B770878	58.7	0.841
B25764	541720	5663416	422	22-Jun-21	Hill north of power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite consisting largely of a coarse ~10cm light grey-white semi-translucent mineral with parallel striations/cleavage, some parts of sample are more milky white. Also contains several blocky black tourmaline crystals, translucent yellow crystals, and a 1cm smoky grey quartz stringer. Outcrop.	Outcrop	21B770878	4.04	0.831
B25765	542199.206	5663822.544	419	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval 0-1m, starting on the NNW side of the OC. Channel trending roughly 160 deg. Northern edge of interval contains 10cm of granite. Beryl and tour crystals sparse throughout. Red mineral also sparse throughout sample (garnet?).	Outcrop	21B770878	80.9	4.94
B25766	542199.6179	5663821.633	419	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval 1-2m containing trace amounts of beryl and tour crystals. Tourmaline smaller than 1cm in size.	Outcrop	21B770878	152	3.94
B25767	542200.0299	5663820.722	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval 2-3m. Largely barren with typical granitic pegmatite characteristics. One beryl crystal seen. Occasional greenish mica present.	Outcrop	21B770878	66.2	6.78
B25768	542199.0781	5663819.16	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Start of 1st offset channel, interval 3-4m of OC. Sample contains granitic intrusion roughly 30-60cm in. Beryl and tour present intermittently within peg portions of the sample.	Outcrop	21B770878	134	10.3
B25769	542199.511	5663818.258	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval 4-5m. Relatively barren looking pegmatite. Three beryl crystals seen in last 5cm of sample.	Outcrop	21B770878	75.6	22.5

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B25770	542198.928	5663816.971	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Start of 2nd offset channel, interval 5-5.75m of OC. Beryl crystals sparsely distributed through sample. Sample interval 5.75m-6.5m Trace tourmaline and beryl.	Outcrop	21B770878	42.5	34.3
B25771	542199.2561	5663816.297	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Start of 3rd channel offset, interval 6.5-7.5m Beryl and Tourmaline trace amounts throughout sample. Larger rep taken for tourmaline crystals.	Outcrop	21B770878	276	7.67
B25772	542199.1455	5663815.209	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample Interval 7.50-8.5m. Trace Beryl, no Tour. Two 10cm intervals of granitic intrusion. Garnets also present throughout.	Outcrop	21B770878	113	2.84
B25773	542199.5667	5663814.302	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample Interval 8.5-9.5m. Trace tour and beryl. Standard looking pieces.	Outcrop	21B770878	75	1.37
B25774	542199.9879	5663813.395	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample Interval 9.5-10.5m. Trace Beryl, Tourmaline and Garnets (red). Pistachio green weathered surface.	Outcrop	21B770878	103	1.91
B25775	542200.4091	5663812.488	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval 10.5-11.5m. Standard looking pegmatite. Relatively mica rich interval (biotite).	Outcrop	21B770878	118	2.27
B25776	542200.8303	5663811.581	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval 11.5-12.5m. Trace beryl and mica rich.	Outcrop	21B770878	161	1.62
B25777	542201.2515	5663810.674	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample interval from 12.5-13.5m. Trace beryl. Granitic intrusion also containing beryl from 13-13.5m.	Outcrop	21B770878	143	1.31
B25778	542201.6726	5663809.767	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Channel interval 13.5-14.5m. Mica rich pegmatite.	Outcrop	21B770878	146	1.47
B25779	542202.0938	5663808.86	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Channel Interval 14.5-15.5m. Trace amounts of green mineral present (beryl?). Trace red garnet. Less coarse than other samples (still pegmatite).	Outcrop	21B770878	133	1.3
B25780	542202.515	5663807.953	420	24-Jun-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	Sample located roughly 4m west of channel sample. Taken due to reddish translucent mineral seen at surface. Possible Kspar. Small trace Beryl seen. Large Biotite flakes and greyish qtz.	Outcrop	21B770878	86.3	1.7
B25781	542196	5663813	410	25-Jun-21	White Cap Outcrop	638589	Select Channel	Pegmatite	PEG	Located roughly 3m south of 25781. Sample taken due to light green colour on surface. Appears to be surface alteration of plagioclase. Average looking peg with trace Beryl.	Outcrop	21B770878	51.3	135
B25782	542197.4703	5663810.644	410	25-Jun-21	White Cap Outcrop	638589	Select Channel	Pegmatite	PEG	Sample roughly 20m west of 25782. Large grey mass on surface drew attention. Appears to be almost entirely feldspar with grey qtz blebs. Small amounts of biotite.	Outcrop	21B770878	61.5	0.873
B25783	542181	5663799	410	25-Jun-21	White Cap Outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 305 degrees. Channel Length: 25cm. Sample contains beryl and tourmaline crystals. Light grey mineral (qtz?) present within plagioclase. Mod amount of biotite. Garnet and yellow crystals also within.	Outcrop	21B770878	22.9	0.823
B25784	542124	5663945	428	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 318 degrees. Channel Length: 30cm. Taken approx 4m N of sample 25784. Some tour, yellow crystals and yellow flakes. Burgundy garnets. Biotite poor. Sample taken for reddish staining on surface.	Outcrop	21B770878	42.7	0.663
B25785	542124	5663949	428	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 330 degrees. Channel Length: 30cm. Mica rich (Biotite), small beryl crystals and small yellow crystals present (minor). Garnet and light grey semi-transparent mineral with purplish blue in places.	Outcrop	21B770878	24.5	1.38
B25786	542123	5663955	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 302 degrees. Channel Length: 35cm. Sample taken for large white-grey crystal seen at surface. Appears to be plagioclase containing blebs of grey qtz. Mica poor, small yellow crystals present. Possible tour, and stratiolite visible in plagioclase.	Outcrop	21B770878	143	2.52
B25787	542129	5663972	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 236 degrees. Channel Length: 30cm. Sample roughly 5m W of B25787. Sample taken for large grey crystals (possible spod?) seen at surface. Mica rich. Beryl seen in sample.	Outcrop	21B770878	11.2	0.991
B25788	542124	5663972	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 304 degrees. Channel Length: 35cm. Sample taken for large grey crystal (spod?). White-blue coloured mineral present. Small dark crystals also seen (moly?). Grey qtz blebs form lines/strips in feldspar matrix.	Outcrop	21B770878	23.9	1.3
B25789	542120	5663972	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG		Outcrop	21B770878	15.3	0.937

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B25790	542120	5663973	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 304 degrees. Channel Length: 20cm. Sample taken for large white crystal (likely plagioclase). Small amount of tour. Sample borders: grey qtz vein (sample 25791). Small amount of grey qtz blebs within plagioclase. 1m N of sample 25792	Outcrop	21B770878	10.6	0.464
B25791	542120	5663973	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Quartz Vein	QV	Channel ori: 304 degrees. Channel Length: 30cm. Sample 20cm N of 25790. Qtz in pegmatite. Dark grey colour. Red staining. Smaller dark crystals: caught up in qtz	Outcrop	21B770878	2.15	0.639
B25792	542120	5663972	429	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 304 degrees. Channel Length: 30cm. Approx 4m W of B25788. Sample taken due to abundance of mica. Possible trace Beryl. Rounded inclusions of qtz	Outcrop	21B770878	70.3	1.91
B25793	542135	5663960	423	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 288 degrees. Channel Length: 35cm. Sample rich in green mineral (likely Beryl), roughly 10%. Mica rich, with tourmaline	Outcrop	21B770878	84.2	2.26
B25794	542119	5663948	423	26-Jun-21	Ridge north of White Cap outcrop	638589	Select Channel	Pegmatite	PEG	Channel ori: 298 degrees. Channel Length: 25cm. Sample contains yellow mica with many small red garnets. Trace small green crystals (likely Beryl). One large tourmaline crystal present	Outcrop	21B770878	35.2	0.903
B25795	542064	5663737	424	26-Jun-21	Logged area in western claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 284 degrees. Channel Length: 35cm. Sample located 3m off logging road. Taken for bluish mineral seen at surface. Mica poor. Appears to be mostly plagioclase. Navy-whitish mineral within plagioclase. Trace green crystals (Beryl?)	Outcrop	21B770878	7.89	0.742
B25796	542061	5663737	424	26-Jun-21	Logged area in western claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 247 degrees. Channel Length: 30cm. Sample roughly 3m W of 25795. Taken due to mica rich zone. Trace green mineral (Beryl?) and light brown semi transparent mineral (qtz?) within white plagioclase matrix	Outcrop	21B770878	65.6	2.27
B25797	543143	5663590	427	26-Jun-21	Logged area in central-eastern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 204 degrees. Channel Length: 25cm. Sample taken due to large yellowish white crystal mass. Red garnets throughout. Possible Beryl. Yellow colour caused by small disseminated yellow crystals	Outcrop	21B770878	66	1.2
B25798	543383	5664310	410	26-Jun-21	Logged area in central-eastern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 230 degrees. Channel Length: 25cm. Sample taken for surface tourmaline. Moderate mica. Sample contains red garnets, small yellow crystals and trace green minerals (beryl?)	Outcrop	21B770878	60.8	1.72
B25799	541692	5665133	420	27-Jun-21	Logged area in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 164 degrees. Channel Length: 25cm. Sample taken due to black crystals (likely tour). Pink matrix of K-feldspar containing light grey transparent mineral blebs (qtz?). Blebs form lined pattern in sample. Mica poor. Possible boulder.	Outcrop	21B770878	21.7	1.69
B25800	541692	5665133	420	27-Jun-21	Logged area in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 236 degrees. Channel Length: 20cm. Sample located 30cm NE of 25799. Sample taken due to presence of yellow mineral forming radial structure (musc?). Red garnets and possible tour present. Groundmass slightly pink, K-feldspar. Possible Boulder.	Outcrop	21B770878	75.9	2.63
B415101	541689	5665130	420	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 180 degrees. Channel Length: 20cm. Sample located roughly 4m SW of 25749. Taken for large pink crystal (likely K-feldspar). Mica and garnet rich.	Outcrop	21B770878	231	4.34
B415102	541692	5665137	420	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 90 degrees. Channel Length: 15cm. Sample located roughly 4m N of 25800. Taken for yellow radiating mineral seen at surface (musc?). K-feldspar and mica rich matrix. Possible boulder. Possible beryl (trace).	Outcrop	21B770878	200	1.97
B415103	541680	5665141	426	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 112 degrees. Channel Length: 25cm. Sample taken for radiating yellow mineral. Almost entirely composed of mica (musc?). Edges of channel contain K-feldspar and qtz. Qtz blebs in K-feldspar form odd linear pattern.	Outcrop	21B770878	392	2.92

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B415104	541678.6777	5665139.617	426	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 328 degrees. Channel Length: 20cm. Located 3m SW of 415102. Sample mica rich (iso and musc). Trace blocky tourmaline. Dark grey qtz or similar looking mineral sandwiched between layers of mica. Small green crystals (beryl?)	Outcrop	21B770878	398	5.45
B415105	541676.6657	5665140.107	426	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 0 degrees. Channel Length: 25cm. Sample taken for dark grey/brown crystals. Mineral qtz-like in appearance. Blocky tourmaline in places. Dominant kpar matrix. Few garnets.	Outcrop	21B770878	46.2	0.562
B415106	541675.4536	5665138.857	426	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 334 degrees. Channel Length: 25cm. 2m SW of 415105. Taken for radiating yellow mineral (musc?). Mica rich, with kpar in matrix. Dark grey semi-transparent mineral in between mica (possibly not qtz).	Outcrop	21B770878	230	22.6
B415107	541674.5301	5665139.727	426	27-Jun-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	Channel ori: 352 degrees. Channel Length: 30cm. Sample taken for large tour at surface. Tour up to 3.5cm across. Kpar matrix with qtz blebs forming lines. Large garnets throughout. Radiating musc. Biotite also present.	Outcrop	21B770878	217	7.13
B415108	541827	5665041	426	27-Jun-21	Logged area in northwestern Claims	638589	Grab	Pegmatite	PEG	Pegmatite with coarse tourmaline crystals, trace beryl associated with tourmaline, minor yellow mica. ~2 by 3 by 2m angular rubble in logged area.	Outcrop	21B770878	52.1	4.35
B415109	541792	5664975	425	27-Jun-21	Logged area in northwestern Claims	638589	Grab	Pegmatite	PEG	Pegmatite with minor white-yellowish mica, minor beryl crystals, minor hematite staining. Fractured outcrop on ridge.	Outcrop	21B770878	99.7	1.82
B415110	541328	5662383	413	28-Jun-21	Logged area in western claims	638586	Grab	Quartz Vein	QV	Slightly rusty 1-3cm smoky grey quartz stringer, trending ~010 degrees in outcrop.	Outcrop	21B770878	1.05	0.153
B415111	541332	5662383	413	28-Jun-21	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite with coarse white feldspar, greyish quartz, minor to moderate tourmaline crystals, minor to moderate yellow mica flakes. Fractured outcrop.	Outcrop	21B770878	11.4	16.6
B415112	541342	5662373	412	28-Jun-21	Logged area in western claims	638586	Grab	Granite	GRAN	Medium to coarse-grained granite with rusty planes, moderate yellow-green mica 'stringers', a few specks of turquoise beryl, a few black specks. Angular rubble.	Rubble	21B770878	22	10.4
B415113	541186	5662327		28-Jun-21	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite with tourmaline crystals, close to contact of 2m wide dyke in sediment.	Outcrop	21B770878	17.5	40.1
B415114	541211	5662401	420	28-Jun-21	Logged area in western claims	638586	Grab	Sediment	SED	Fine-grained, grey, weakly sheared, silicified/carbonate-altered sediments with minor pyrite associated with silica/carb. Outcrop striking 240/80 degrees NW.	Outcrop	21B770878	70.7	0.133
B415115	541873	5664815	424	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm N/S channel cut targeting pegmatite with coarse white crystals, smoky quartz, tourmaline crystals up to ~1cm in diameter and 2-3cm long, trace red garnet, trace beryl, minor yellow mica.	Outcrop	21B770878	45.7	0.744
B415116	541885	5664814	426	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm E/W channel cut targeting whiter section of pegmatite (albite?) with lesser smoky quartz, yellow-brown mica, minor tourmaline, minor garnet.	Outcrop	21B770878	75.3	0.621
B415117	541885.2	5664813.5	426	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	30cm E/W channel cut targeting greyish mineral in pegmatite also containing lesser smoky quartz, minor yellow mica, trace green possible beryl crystals.	Outcrop	21B770878	167	76.3
B415118	541874	5664838	430	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm N/S channel cut targeting white-grey mineral with glassy sheen and 1mm smoky-quartz-filled parallel 'striations', in pegmatite also containing blockier quartz crystals, minor yellow mica. Presence of an unidentified 'blotchy' black mineral with reddish tinge in a few spots.	Outcrop	21B770878	36	0.738
B415119	541890	5664892	436	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm E/W channel cut targeting minor to moderate tourmaline in pegmatite with coarser white crystals, smaller smoky quartz, minor to moderate yellow mica, minor red garnet, minor beryl.	Outcrop	21B770878	118	4.29
B415120	541884	5664928	435	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	30cm ~E/W channel cut targeting white-grey mineral with quartz-filled striations as previously described, minor biotite and yellow mica, trace garnet, unidentified black mineral.	Outcrop	21B770878	59.7	1.1

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B415121	541889	5664958	430	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm E/W channel cut targeting white-grey mineral(s) in pegmatite also containing minor to moderate yellow to dark brown mica (biotite), minor light grey subhedral quartz crystals.	Outcrop	21B770878	114	1.78
B415122	541892	5664969	436	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	30cm E/W channel cut targeting white-grey mineral(s) in pegmatite also containing minor to moderate biotite/yellow mica, trace light green possible beryl. A bit of a light rusty orange-brown tinge locally.	Outcrop	21B770878	65.8	1.1
B415123	541890	5664980	431	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	30cm E/W channel cut targeting white to locally greyish mineral with glassy sheen in pegmatite also containing minor to moderate yellow mica/biotite, light grey subhedral quartz crystals, trace red garnet, minor tourmaline up to 1-2cm.	Outcrop	21B770878	158	2.03
B415124	541886	5664992	432	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm E/W channel cut targeting white-grey mineral(s) in pegmatite also containing minor to moderate yellow mica/biotite, light to smoky grey quartz.	Outcrop	21B770878	63.3	1.41
B415125	541890	5665002	430	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm E/W channel cut targeting pegmatite with coarse light pink-orange kyan crystals, smaller light to smoky grey quartz, minor to moderate dark yellow mica, a few tourmaline crystals up to 1-2cm.	Outcrop	21B770878	49.8	1.3
B415126	541897	5665007	430	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	30cm E/W channel cut targeting white-grey mineral(s) in pegmatite also containing smoky quartz, minor to moderate white to dark yellow-brown mica, minor garnet up to 0.5cm and minor turquoise beryl up to 0.5cm.	Outcrop	21B770878	76.7	1.78
B415127	541886	5665030	431	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	25cm E/W channel cut targeting white-grey mineral(s) in pegmatite also containing smoky quartz, minor yellow mica/biotite, trace garnet, trace beryl.	Outcrop	21B770878	53.8	1.29
B415128	541890	5665067	432	29-Jun-21	Ridge in northwestern claims	638589	Select Channel	Pegmatite	PEG	30cm E/W channel cut targeting coarse white to locally greyish mineral in pegmatite also containing minor to moderate very fine to coarse yellow mica, minor minute red garnet, trace beryl.	Outcrop	21B770878	53.4	3.94
B25851	541615	5664975	416	10-Sep-21	Logged area in northwestern Claims	638589	Grab	Pegmatite	PEG	Pegmatite with white to pink-orange feldspar > smaller grey quartz crystals, minor to moderate yellow mica, minor to moderate tourmaline, minor turquoise beryl. Fractured outcrop.	Outcrop	21B806112	131	4.54
B25852	542196.7	5663812.3	410	12-Sep-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	1m cut at 310 degrees extending to SE from sample B415853. Pegmatite with white feldspar > grey quartz, minor yellow to dark brown mica, minor turquoise beryl, garnet and tourmaline, locally moderate tourmaline and garnet, possible minor translucent yellow mineral.	Outcrop	21B806112	59.6	13.6
B25853	542196	5663813	410	12-Sep-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	0.3m cut at 310 degrees, re-sample of sample B25781. Pegmatite with white-light-pink feldspar > grey quartz, minor to moderate yellow to dark brown mica, trace turquoise beryl, a few possible non-mica translucent yellow minerals, a few scattered black crystals (tourmaline?).	Outcrop	21B806112	64.2	143
B25854	542195.5	5663813.5	410	12-Sep-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	0.6m cut at 310 degrees, extending to NW from sample B415853. Pegmatite with white feldspar > grey quartz, minor to moderate yellow to dark brown mica, trace beryl, possible minor translucent yellow crystals.	Outcrop	21B806112	45.4	21.1
B25855	542195.6	5663811.4	410	12-Sep-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	1m cut at 315 degrees, extending to SE from sample B25856. Pegmatite with white feldspar > grey quartz, minor to locally moderate tourmaline as minute to <0.5cm subhedral crystals, minor to moderate yellow to dark brown mica, trace turquoise beryl.	Outcrop	21B806112	62.4	10.6
B25856	542194.8	5663812.2	410	12-Sep-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	1m cut at 315 degrees, extending to SE from sample B25857. Pegmatite with white feldspar > grey quartz, minor to moderate yellow mica, minor tourmaline, trace beryl, minor to locally moderate minute red garnet, minor yellow alteration, local orange tinge along fractures.	Outcrop	21B806112	60.6	23.1

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B25857	542194.5	5663812.5	410	12-Sep-21	White Cap Outcrop	638589	Channel	Pegmatite	PEG	0.4m cut at 315 degrees, 1.2m southwest of sample B25854. Pegmatite with white feldspar > grey quartz, minor to moderate yellow to locally brown mica mainly as 1-2mm flakes with some larger crystals, minor to locally moderate minute red garnet, minor tourmaline, trace beryl.	Outcrop	21B806112	77.1	2.92
B25858	542190	5663809	414	12-Sep-21	White Cap Outcrop	638589	Select Channel	Pegmatite	PEG	0.8m cut at 050 degree. Pegmatite with white feldspar > grey quartz, minor yellow to locally dark brown mica, minor tourmaline overall up to a couple of cm long, trace beryl, several small dark rusty specks (oxide?).	Outcrop	21B806112	24.4	7.33
B25859	542191	5663810	414	12-Sep-21	White Cap Outcrop	638589	Select Channel	Pegmatite	PEG	0.6m cut at 140 degrees, 1m NE of sample B25858. Pegmatite with white to light pink feldspar > grey quartz, minor to locally moderate yellow-brown mica, several minute black rusty specks.	Outcrop	21B806112	43.6	70.6
B25869	541743	5663336	430	14-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white feldspar > grey quartz, minor to moderate yellow mica, trace beryl, local rusty/reddish tinge. Outcrop.	Outcrop	21B806112	176	3.01
B25870	541728	5663343	432	14-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white feldspar > grey quartz, minor yellow mica, minor red garnet, minor to moderate tourmaline throughout. Fractured outcrop.	Outcrop	21B806112	64.6	1.98
B25871	541737	5663314	421	14-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white-pink feldspar > grey quartz, minor to moderate tourmaline. Outcrop.	Outcrop	21B806112	14.9	0.26
B25872	541730	5663305	421	14-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with pink-white feldspar > grey quartz, minor to moderate tourmaline, minor to moderate yellow to dark brown mica, trace beryl, minor yellow-green alteration, local rusty tinge, a few grey up to 1cm quartz stringers. Talus block.	Talus	21B806112	37	2.08
B25873	541665	5663302	420	14-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white-pink feldspar > grey quartz, minor to moderate tourmaline, minor red garnet, minor to moderate yellow mica, reddish to rusty tinge locally. Fractured outcrop.	Outcrop	21B806112	87.5	1.25
B25874	541659	5663298	421	14-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white to slightly pinkish feldspar > grey quartz, minor to moderate tourmaline, minor yellow mica, trace red garnet. Fractured outcrop.	Outcrop	21B806112	93.9	1.9
B25875	541888	5662957	412	14-Sep-21	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite with white feldspar > grey quartz, minor tourmaline up to 1cm diameter, trace garnet, minor yellow mica. Outcrop, sediment in outcrop nearby.	Outcrop	21B806112	23.1	29.9
B25876	541915	5662663		14-Sep-21	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite, mostly white colour with 1% tourmaline crystals.	Outcrop	21B806112	88.4	0.8
B25877	541878	5664813	426	15-Sep-21	Ridge in northwestern claims	638589	Grab	Pegmatite	PEG	Pegmatite with white to pinkish feldspar > grey quartz, minor to moderate yellow mica, minor to moderate rusty staining. Angular float, approximate coordinates.	Float	21B806112	132	4.3
B25878	541738	5663324	420	15-Sep-21	Power line in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white to pinkish feldspar > grey quartz, minor to moderate yellow to white mica, minor to moderate orange-brown staining of feldspar, minor blocky tourmaline, a couple of 1-2mm turquoise beryl crystals visible. Fractured outcrop.	Outcrop	21B806112	80.2	2.46
B25879	541679.8074	5665139.817	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	First of several channels beginning 1m south of sample B415103. Length 1m (0-1m), 085 degree orientation. Pegmatite with light pink-orange feldspar which in places appears bleached to white with local red-orange blotches. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Local plumose muscovite, otherwise minor yellow to dark brown mica.	Outcrop	21B806112	116	1.4
B25880	541678.8509	5665139.737	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (1-2m extending from B25879), 085 degree orientation. Pegmatite with light pink-orange feldspar in places bleached to white with local red-orange blotches. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor yellow to dark brown mica.	Outcrop	21B806112	67.7	0.82

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B25881	541677.8861	5665139.607	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (2-3m extending from B25880), 085 degree orientation, curves to 090 degrees around the midpoint. Pegmatite with light pink-orange feldspar in places bleached to white with local red-orange blotches. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to moderate dark brown to yellow mica, minor tourmaline up to 2cm long, minor red garnet up to 0.5cm.	Outcrop	21B806112	57.9	26.9
B25882	541676.8471	5665139.617	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (3-4m extending from B25881), 090 degree orientation. Pegmatite with light pink-orange feldspar bleached white to light gray-blue in places. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to moderate dark brown to yellow mica, minor tourmaline, minor red garnet.	Outcrop	21B806112	74.3	1.87
B25883	541675.8906	5665139.607	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (4-5m extending from B25882), 090 degree orientation. Pegmatite with light pink-orange feldspar bleached white to light gray-blue in places. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to moderate dark brown to yellow mica, minor red garnet up to 1cm.	Outcrop	21B806112	153	6.31
B25884	541674.8681	5665139.597	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (5-6m extending from B25883), 090 degree orientation. Pegmatite with light pink-orange feldspar bleached white to light gray-blue in places. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. 13cm section of plumose yellow mica, otherwise minor to moderate dark brown to yellow mica flakes, minor to locally moderate red garnet up to 0.5cm, especially within plumose mica.	Outcrop	21B806112	183	4.23
B25885	541673.8869	5665139.627	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (6-7m extending from B25884), 095 degree orientation. Pegmatite with light pink-orange feldspar with moderate white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to locally moderate dark brown to yellow-green mica, minor red garnet and tourmaline.	Outcrop	21B806112	115	1.67
B25886	541672.9386	5665139.717	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel (7-8m extending from B25885), 095 degree orientation. Pegmatite with light pink-orange feldspar with moderate white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to moderate dark brown to yellow mica, minor red garnet and tourmaline.	Outcrop	21B806112	92.6	1.9
B25887	541672.1965	5665139.767	426	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	0.5m channel (8-8.5m extending from B25885), 095 degree orientation, list of series of channel samples. Pegmatite with light pink-orange feldspar with local white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to moderate dark brown to yellow mica, locally in clusters approaching plumose texture, minor tourmaline overall locally in clusters of several crystals.	Outcrop	21B806112	80.7	7.51
B25888	541672.5	5665135	417	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.35m select cut at 350 degrees, ~1m N and 0.5m E of sample B25889. Pegmatite with white feldspar > smoky subhedral quartz crystals, up to 8cm sections of plumose yellow to brown mica, moderate overall. Minor tourmaline throughout, minor garnet.	Outcrop	21B806112	94.4	4.81
B25889	541672	5665134	417	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.5m select cut at 000 degrees. Pegmatite with pale pink-orange feldspar with moderate white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral crystals.	Outcrop	21B806112	66.9	3.64

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B25890	541665	5665136	415	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.3m select cut at 080 degrees. Pegmatite with pale pink-orange feldspar with moderate white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral crystals. Minor mica, minor tourmaline.	Outcrop	21B806112	52.7	1.63
B25891	541697	5665137	414	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.4m select cut at 075 degrees. Pegmatite with pale pink-orange feldspar with moderate white bleaching, lesser grey to smoky grey quartz. 15cm section of plumose white-grey mica (moderate overall). Minor garnet in plumose mica.	Outcrop	21B806112	210	0.025
B25892	541704	5665131	416	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.45m select cut at 090 degrees. Pegmatite with pale pink-orange feldspar with moderate white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral crystals. Minor plumose white mica, minor to moderate dark brown to yellow mica flakes. Trace garnet.	Outcrop	21B806112	112	2.15
B25893	541697	5665130	416	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.5m select cut at 355 degrees. Pegmatite with mainly plumose light grey to beige mica, otherwise pale pink-orange feldspar with moderate white bleaching and local red-orange blotches, and lesser grey to smoky grey quartz. Trace garnet in plumose mica.	Outcrop	21B806112	287	2.39
B25894	541597	5665129	425	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	1m channel at 040 degrees. Pegmatite with light pink-orange feldspar with moderate white bleaching. Graphic texture of smoky quartz within feldspar, or individual subhedral quartz crystals. Minor to moderate sections of plumose light yellow mica, otherwise minor to moderate yellow to dark brown mica flakes, moderate red garnet.	Outcrop	21B806112	155	1.55
B25895	541596.5	5665128.5	425	18-Sep-21	Logging road in northwestern claims	638589	Channel	Pegmatite	PEG	0.7m continuation of previous channel B25894 to southwest, 040 degree orientation. Pegmatite with light pink-orange feldspar with moderate white bleaching containing local red-orange blotches. Subhedral smoky quartz crystals, some graphic texture in feldspar. Minor to locally moderate sections of plumose yellowish to light brown mica, otherwise minor flakes of brown to yellow mica.	Outcrop	21B806112	226	2.44
B25896	541596.7	5665127.7	425	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.5m select cut, begins 0.5m SE of B25895 endpoint, runs up rock face to northeast with 0.3m true width. Mainly plumose yellow to brown mica, otherwise pink-orange to white-bleached feldspar, smoky quartz and minor dark brown to yellow mica flakes.	Outcrop	21B806112	388	3.72
B25897	541571	5665138	420	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	1.25m select cut at 155 degrees. Pegmatite with light pink-orange feldspar, smoky quartz crystals, minor to locally moderate yellow-brown mica, minor tourmaline, trace beryl observed in outcrop, minor to locally moderate red garnet.	Outcrop	21B806112	74.3	1.25
B25898	541571.5	5665137.2	420	18-Sep-21	Logging road in northwestern claims	638589	Select Channel	Pegmatite	PEG	0.85m select cut at 155 degrees. Begins 0.3m ENE of south end of sample B25897, running to SSE. Pegmatite with pale pink-orange feldspar, smoky quartz crystals. Minor to moderate fine tourmaline, red garnet and yellow mica throughout (increase in fine mica flakes gives sections a discoloured yellow-beige look), trace beryl.	Outcrop	21B806112	43.9	1.58
B25899	541554	5665180	423	18-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	1.3m select cut at 080 degrees. Pegmatite with milky white feldspar and light to smoky grey quartz, minor to moderate coarse dark brown to yellow mica flakes, minor tourmaline up to 0.5cm, minor red garnet, a bit of fine-grained leuco-granite at east end with fine disseminated tourmaline crystals.	Outcrop	21B806112	176	1.91
B25900	541554	5665181	423	18-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	0.2m select cut at 080 degrees. Starts 1m N of west end of B25899, running to west. Pegmatite with milky white feldspar and light to smoky grey quartz, minor to moderate sections of plumose yellowish to light grey-brown mica, otherwise minor flakes of dark brown to yellow mica.	Outcrop	21B806112	295	3.07

B25901	542034	5665213	429	19-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	0.4m select cut at 025 degrees. Pegmatite with milky white to bluish-grey feldspar, smoky quartz, minor to moderate plumose yellow to light brown mica, otherwise minor flakes of yellow to brown mica, minor red garnet.	Outcrop	21B806112	281	1.61
B25902	542044	5665242	425	19-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	0.25m select cut at 005 degrees. Pegmatite with mainly plumose yellow to light brown mica, otherwise contains milky white to pale pink-orange feldspar with some light blue-grey sections.	Outcrop	21B806112	349	3.14
B25903	542046	5665242.5	425	19-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	0.3m select cut at 175 degrees, ~2m E and 0.5m N of sample B25902. Pegmatite, sample cuts across discoloured section ~80 by 15cm trending 320 degrees. Section is yellow-green-beige in colour and contains moderate fine yellow mica flakes and moderate speckled minute red garnets. Section has somewhat wavy but fairly sharp contact with rest of sample which consists of milky white feldspar and smoky quartz with minor garnet and yellow mica flakes.	Outcrop	21B806112	106	2.71
B25904	542043.5	5665244.5	425	19-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	0.25m select cut at 170 degrees ~2.5m N and 0.5m W of sample B25902. Pegmatite with milky white to greyish feldspar, very minor grey quartz crystals, moderate plumose yellow-green mica, otherwise minor flecks of dark brown to yellow mica throughout.	Outcrop	21B806112	366	4.15
B25905	542043	5665245.5	425	19-Sep-21	Logged area in northwestern Claims	638589	Select Channel	Pegmatite	PEG	0.3m select cut at 175 degrees ~1m N and 0.5m W of sample B25904. Pegmatite with milky white to greyish-blue feldspar, very minor grey quartz crystals, moderate plumose yellow-green mica, otherwise minor flecks of dark brown to yellow mica throughout.	Outcrop	21B806112	412	4.47

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Sample number	Easting (NAD 83 UTM Zone 15)	Northing (NAD 83 UTM Zone 15)	Elev (m)	Date	Area	Claim-Cell	Sample type	Rock Type	Rock Code	Description	Source	Lab Cert (AGAT)	Li ppm	Ta ppm
E5830181	541024	5652903.5	425	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Channel	Pegmatite	PEG	Pegmatite with white feldspar, grey quartz xtals, moderate glassy white quartz veining, moderate white to dark brown mica, minor minute red garnet. 45cm channel along same cut as sample E5830180 to N within dyke.	Outcrop	22B953952	24	25.9
E5830201	542088	5663451	427	26-Sep-22	North of power line on interpreted Ta-Nb trend	638589	Grab	Pegmatite	PEG	Pegmatite with white feldspar, lesser grey quartz, minor biotite, minor to moderate red garnet, minor turquoise fluorapatite. Outcrop.	Outcrop	22B953952	30	0.6
E5830211	542911	5665747	412	28-Sep-22	Near end of logging road in northern claims	638588	Grab	Pegmatite	PEG	Pegmatite, mostly plumose mica that is white to moderately red-tinged, otherwise mostly white feldspar and greyish quartz with minor biotite, minor tourmaline. Loose outcrop.	Outcrop	22B953952	34	1.9
E5830212	542954	5665740	417	28-Sep-22	Near end of logging road in northern claims	638588	Grab	Pegmatite	PEG	Fairly rusty pegmatite / granite with grey to dark grey quartz, white to light brown mica, minor red garnet, minor turquoise fluorapatite. Outcrop.	Outcrop	22B953952	58	5.3
E5830213	543041	5664625	411	28-Sep-22	Logged area in northern claims	638588	Grab	Pegmatite	PEG	Rusty, locally pitted pegmatite with white-beige to locally pink-orange feldspar, grey to smoky grey quartz, minor biotite, local tan-coloured mica books, minor red garnet. Large frost heave block.	Frost Heave	22B953952	20	1.2
E5830214	541978	5663048	426	28-Sep-22	Logged area in western claims on interpreted Ta-Nb trend	638589	Grab	Pegmatite	PEG	Pegmatite with white to beige feldspar, grey quartz, minor to moderate coarse muscovite / biotite, minor rusty staining. Loose outcrop.	Outcrop	22B953952	21	1.3
E5830215	543242	5664838	421	28-Sep-22	Logged area in northern claims	638588	Grab	Pegmatite	PEG	Pegmatite to leucogranite with white feldspar, grey quartz, yellowish mica, minor biotite, minor blocky tourmaline, minor garnet, minor fluorapatite. Loose outcrop.	Outcrop	22B953952	104	0.7
E5830216	543285	5664832	426	28-Sep-22	Logged area in northern claims	638588	Grab	Pegmatite	PEG	Pegmatite to leucogranite with minor to moderate rusty tinge, minor to moderate yellow mica, minor minute red garnet, minor to moderate blocky tourmaline, minor fluorapatite. Outcrop.	Outcrop	22B953952	80	6.4
E5830217	543282	5664864	424	28-Sep-22	Logged area in northern claims	638588	Grab	Pegmatite	PEG	Pegmatite with white feldspar, lesser grey quartz, minor to moderate coarse yellow mica, minor minute disseminated garnet, trace fluorapatite, rust on fracture planes. Loose outcrop.	Outcrop	22B953952	43	3.7
E5830218	541917	5663101	421	28-Sep-22	Logged area in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white-pink feldspar, minor white to yellowish mica, minor to locally moderate tourmaline, minor minute red garnet. Outcrop or large boulder stuck in the ground.	Outcrop	22B953952	124	4.1
E5830219	541881	5663099	421	28-Sep-22	Logged area in western claims	638589	Grab	Pegmatite	PEG	Pegmatite with white feldspar, lesser grey quartz, yellowish mica, minor to locally moderate tourmaline, minor red garnet. Outcrop.	Outcrop	22B953952	89	0.8
E5830220	541908	5662649	414	29-Sep-22	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite with mostly white feldspar, minor to moderate plumose yellow-green mica, minor tourmaline, minor garnet. Loose outcrop.	Outcrop	22B953952	78	2.6
E5830221	542097	5662560	401	29-Sep-22	North shore of SW arm of Peg Lake	638586	Grab	Pegmatite	PEG	Pegmatite, graphitic texture of thin smoky quartz in pink feldspar, possible minor translucent yellow mineral. Outcrop.	Outcrop	22B953952	5	0.25
E5830222	542093	5662560	401	29-Sep-22	North shore of SW arm of Peg Lake	638586	Grab	Pegmatite	PEG	Pegmatite, mostly white-beige feldspar, lesser grey quartz, moderate white to brown-tinged mica flakes / books, local rust patches. Outcrop.	Outcrop	22B953952	66	1.9
E5830223	542050	5662670	410	29-Sep-22	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite, white to beige to grey to pink feldspar, minor to moderate white to brown to yellow mica, minor tourmaline, moderate light rusty tinge, local reddish tinge. Outcrop.	Outcrop	22B953952	5	0.8
E5830224	542012	5662811	411	29-Sep-22	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite with mostly white feldspar, lesser grey quartz, minor white to yellowish mica, minor garnet, minor fluorapatite, minor to moderate tourmaline, local rusty tinge. Outcrop.	Outcrop	22B953952	5	7.6
E5830225	542000	5662833	411	29-Sep-22	Logged area in western claims	638586	Grab	Pegmatite	PEG	Pegmatite, mostly feldspar, grey quartz, moderate white to yellowish to greenish to reddish-stained mica, minor tourmaline, trace fluorapatite. Outcrop.	Outcrop	22B953952	15	2.7
E5830226	542948	5665686	378	01-Oct-22	End of logging road in northern claims	638588	Select cut	Pegmatite	PEG	Pegmatite with pinkish-white feldspar, smoky quartz, minor to moderate biotite / yellow to white mica, minor to moderate hematite and limonite staining, minor to moderate minute red garnet. 20cm select cut at 070 degrees.	Outcrop	22B953952	107	2

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E5830227	542948.5	5665686.2	378	01-Oct-22	End of logging road in northern claims	638588	Select cut	Pegmatite	PEG	Pegmatite with pinkish-white feldspar, grey to smoky grey quartz, moderate almost 'bands' of minute red garnet, minor tourmaline, minor to moderate yellowish mica, 'bands' of light orange staining. 20cm select cut at 070 degrees 0.5m ENE of sample E5830226.	Outcrop	22B953952	88	26.6
E5830228	542950.5	5665684	378	01-Oct-22	End of logging road in northern claims	638588	Select cut	Pegmatite	PEG	Pegmatite with pink ksp, moderate yellowish to brown mica, minor red garnet, minor quartz. 20cm select cut at 105 degrees, 2m SE of sample E5830227.	Outcrop	22B953952	176	1.6
E5830229	543106	5664539	420	01-Oct-22	Logging road in northern claims	638588	Select cut	Pegmatite	PEG	Pegmatite with white feldspar, grey quartz, moderate mica. 25cm select cut at 120 degrees.	Outcrop	22B953952	116	11.5
E5830230	543105	5664542	417	01-Oct-22	Logging road in northern claims	638588	Select cut	Tonalite	PEG	Coarse-grained tonalite, mostly white feldspar with grey quartz, minor yellow-brown mica, minor tourmaline, minor red garnet, minor light orange (limonite?) staining. 20cm select cut at 120 degrees.	Outcrop	22B953952	74	0.7
E5830231	542902	5664624	416	01-Oct-22	Logging road in northern claims	638588	Select cut	Pegmatite	PEG	Pegmatite with pink-white feldspar, smoky quartz, minor to moderate white to yellow to brown mica as fine-grained aggregates or coarser flakes, minor garnet, minor fluorapatite. 25cm cut at 130 degrees.	Outcrop	22B953952	90	7.1
E5830232	542002	5663675	423	01-Oct-22	Logging road in western claims	638589	Select cut	Pegmatite	PEG	Pegmatite with white feldspar, smoky quartz, minor white to yellow to brown mica, minor to moderate tourmaline, minor garnet. 25cm select cut at 130 degrees.	Outcrop	22B953952	41	0.25
E5830233	541892	5662814	413	01-Oct-22	Logging road in western claims	638586	Select cut	Pegmatite	PEG	Pegmatite with white-pink feldspar, grey quartz, moderate mica, minor tourmaline, moderate to strong orange staining. 1m cut at 070 degrees in 90cm dyke trending 160 degrees, flanked by metasediments (minor sed component in sample).	Outcrop	22B953952	24	1.9
E5830234	541877	5662860	416	01-Oct-22	Logging road in western claims	638586	Select cut	Pegmatite	PEG	Pegmatite with pink-white feldspar, moderate aggregates of yellow to brown mica, minor tourmaline, minor red garnet. Feldspar a bit 'mottled' looking with pink stals locally 'bleached' white. 25cm select cut at 065 degrees.	Outcrop	22B953952	71	6.5
E5830235	541939	5663313	417	01-Oct-22	Logging road in western claims	638589	Select cut	Pegmatite	PEG	Pegmatite with mostly white to locally pinkish feldspar, grey quartz, moderate long flakes of biotite. 45cm select cut at 140 degrees.	Outcrop	22B953952	159	2.5
E5830236	542176	5663865	423	01-Oct-22	Logged area in western claims	638589	Select cut	Pegmatite	PEG	Pegmatite with white-pink feldspar, grey quartz, minor to moderate yellowish-green to brown mica, minor tourmaline. 25cm select cut at 065 degrees in dyke which appears to trend 190 degrees with dip to E.	Outcrop	22B953952	52	25.5
E5830237	542096	5663755	428	01-Oct-22	Logging road in western claims	638589	Select cut	Tonalite	TON	Fine-to-medium-grained tonalite with moderate fine biotite flakes. 20cm cut at 150 degrees, sampled along what was initially thought to be a 4cm dykelet with oxides, but likely just rust residue from backhoe scrape.	Outcrop	22B953952	88	1.4
E5830238	542104	5663764	422	01-Oct-22	Logging road in western claims	638589	Select cut	Pegmatite	PEG	Pegmatite with mostly white to locally grey feldspar, minor to moderate brownish mica, grey quartz, minor tourmaline, minor garnet, minor fluorapatite. 30cm select cut at 080 degrees.	Outcrop	22B953952	52	1.2
E5830240	541886	5662953	412	02-Oct-22	Logging road in western claims on interpreted Ta-Nb trend	638586	Select cut	Pegmatite	PEG	Pegmatite with pink-white to blueish-grey feldspar, grey quartz, rust along fracture planes, minor to moderate white to dark brown mica. 35cm cut at 090 degrees on steep outcrop face. 1m NW of sample E5830239.	Outcrop	22B953952	18	1.1
E5830244	540852	5652841	423	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Grab	Pegmatite	PEG	Pegmatite with white feldspar, moderate yellow mica, minor to moderate tourmaline, grey quartz, minor garnet. Angular boulder likely dug loose during road excavation, may be sourced in immediate area.	Float	22B953952	108	3.5
E5830245	540854	5652841	423	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Select cut	Pegmatite	PEG	Pegmatite with white feldspar, grey quartz, minor to moderate yellow to dark brown mica. 25cm select cut at 005 degrees, 2m E of sample E5830244.	Outcrop	22B953952	15	33.4
E5830247	541000	5652891	426	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Select cut	Pegmatite	PEG	Pegmatite with white feldspar, moderate dark brown to yellow mica, grey quartz, a few rusty specks (?). 30cm select cut at 020 degrees in 3-4m dyke trending 110 degrees.	Outcrop	22B953952	32	16.4
E5830248	541003	5652891	426	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Select cut	Pegmatite	PEG	Pegmatite with pink-white feldspar, grey quartz, moderate yellow to dark brown mica. 25cm cut at 010 degrees in same dyke as sample E5830247, 3m further E.	Outcrop	22B953952	37	26.8
E5830180	541024	5652903	425	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Channel	Metasediment	SED	Slightly rusty biotite schist (metasediments). 20cm channel cut at 020 degrees on S margin of ~0.5m pegmatite dyke.	Outcrop	22B953953	61.7	4.19
E5830182	541024	5652903.7	425	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Channel	Metasediment	SED	Biotite schist (metasediments), minor rust, minor banding that is more felsic. 20cm channel along same cut as sample E5830181 to N, on N margin of pegmatite dyke.	Outcrop	22B953953	230	12.9
E5830202	540408	5655285	422	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Quartz Muscovite Schist	SCH-Qtz-Musc	Rusty quartz-muscovite schist. Angular rubble adjacent to logging road.	Rubble	22B953953	234	1.42


TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO


E5830203	540302	5655197	419	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Somewhat gneissic, rusty metasediment, bands of muscovite and biotite and minor to moderate quartz, weakly hematized, minor pyrite stringers. Subangular 1 by 0.8 by 0.3m rubble.	Rubble	22B953953	212	0.25
E5830204	540301	5655197.5	419	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Somewhat gneissic, rusty metasediment, bands of muscovite and biotite and minor to moderate orange-grey quartz banding, weakly hematized, trace pyrite. Subangular rubble 1m NNW of sample E5830203.	Rubble	22B953953	58.1	0.39
E5830205	539970	5655404	416	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Rusty, strongly bleached / silicified metasediments. Outcrop.	Outcrop	22B953953	28.7	0.08
E5830206	539974	5655409	416	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Rusty, silicified metasediments with minor pyrite. Outcrop 5m NE of sample E5830205.	Outcrop	22B953953	21.6	0.28
E5830207	539971	5655410	416	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Amphibole Biotite Garnet Schist	SCH- Amp-Bio-Garn	Amphibole-biotite-garnet schist, pink garnets up to 1cm associated with orange-brown rust. Outcrop 3m WNW of sample E5830206.	Outcrop	22B953953	19.2	0.22
E5830208	539968	5655411	416	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Rusty, strongly silicified metasediments with 1% pyrite. Loose outcrop 3m WNW of sample E5830207.	Outcrop	22B953953	16.1	0.17
E5830209	540048	5655332	420	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Fine-grained, dark grey metasediment, angular granitic clast (?) a few cm wide, minor disseminated pyrite. Outcrop.	Outcrop	22B953953	70.5	0.3
E5830210	540110	5655256	424	27-Sep-22	Logging roads in new claim northwest of Tarpley Rd	717335	Grab	Metasediment	SED	Dark grey, fine-grained biotitic metasediment with moderate silica-rich 'blebs' or bands, minor rust patches, minor pyrite. Large angular rubble in logged area, ~2m long, 0.5m wide and 1m high.	Rubble	22B953953	128	0.47
E5830239	541887	5662952	412	02-Oct-22	Logging road in western claims on interpreted Ta-Nb trend	638586	Select cut	Metasediment	SED	Rusty, biotitic metasediments, minor granitic dykelets. 25cm cut at 065 degrees.	Outcrop	22B953953	175	0.54
E5830241	541842	5663029	411	02-Oct-22	Logged area in western claims	638589	Select cut	Metasediment	SED	Biotite schist (metasediments), locally rusty, minor granitic dykelets. 20cm select cut at 040 degrees.	Outcrop	22B953953	235	1.12
E5830242	540364	5662140	421	02-Oct-22	New logging trail in new western claim on main block	721814	Grab	Metasediment	SED	Biotitic metasediments with minor to moderate rust, minor hematite staining. Loose outcrop.	Outcrop	22B953953	17.6	0.33
E5830243	540462	5661832	417	02-Oct-22	New logging trail in new western claim on main block	721814	Grab	Metasediment	SED	Silicified mafic metasediment with minor pyrite. Frost heave disturbed by backhoe on preliminary logging trail.	Frost Heave	22B953953	50.1	0.46
E5830246	540854.5	5652840.5	423	02-Oct-22	Logging road on new claim southeast of Tarpley	717336	Select cut	Metasediment	SED	Somewhat rusty biotite schist (rust along fractures / bands). 25cm select cut at 005 degrees, 0.5m SE of sample E5830245.	Outcrop	22B953953	149	3.06

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO

APPENDIX II

Certificate of Analyses, June/September 2021 Sampling

 AGAT Laboratories		Certificate of Analysis AGAT WORK ORDER: 21B770878 PROJECT: All		5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL: (905)501-9988 FAX: (905)501-0589 http://www.agatlabs.com											
CLIENT NAME: PORTOFINO RESOURCES INC		ATTENTION TO: David Tafel													
(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish															
DATE SAMPLED: Jul 06, 2021		DATE RECEIVED: Jul 07, 2021		DATE REPORTED: Aug 16, 2021											
		SAMPLE TYPE: Rock													
Sample ID (AGAT ID)	Analyte: Unit: RDL:	Ag ppm	As ppm	Al %	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Cs ppm	Cr ppm	Co ppm	Cu ppm
B25755 (2703934)		<0.001	0.461	7.91	378	17.0	6.08	4.07	0.431	0.079	3.79	34.8	715	<0.001	<0.05
B25756 (2703935)		<0.001	0.572	7.97	12.3	149	1.24	2.55	0.739	0.021	2.21	4.89	660	<0.001	<0.05
B25757 (2703936)		<0.001	0.420	8.16	11.5	398	0.34	0.330	0.463	0.018	8.51	6.89	502	<0.001	<0.05
B25758 (2703937)		<0.001	0.447	8.41	22.7	109	1.40	1.44	0.802	0.068	23.4	16.7	653	<0.001	<0.05
B25759 (2703938)		<0.001	0.301	8.59	10.9	81.1	<0.05	2.40	0.307	0.015	1.67	5.68	393	<0.001	<0.05
B25760 (2703939)		<0.001	0.331	7.80	27.8	42.1	1.18	0.828	0.411	0.019	2.32	16.3	728	<0.001	<0.05
B25761 (2703940)		<0.001	0.319	11.6	137	31.8	9.45	0.014	0.282	0.027	0.267	52.1	650	<0.001	<0.05
B25762 (2703941)		<0.001	0.349	6.72	16.3	6.50	0.61	0.036	0.492	0.016	3.26	6.90	735	<0.001	<0.05
B25763 (2703942)		<0.001	0.308	8.34	1590	28.2	2.30	0.230	0.580	0.116	5.36	7.51	411	<0.001	<0.05
B25764 (2703943)		<0.001	0.264	7.76	490	83.9	1.08	4.05	0.227	0.012	0.563	63.6	618	<0.001	<0.05
B25765 (2703944)		0.254	0.492	8.13	51.7	79.5	3.19	2.12	0.470	0.079	6.21	31.4	405	<0.001	0.31
B25766 (2703945)		<0.001	0.531	7.81	254	122	5.13	0.324	0.669	0.053	3.79	21.1	673	<0.001	<0.05
B25767 (2703946)		<0.001	0.713	8.40	182	114	5.75	0.933	0.466	0.118	1.55	37.4	413	<0.001	<0.05
B25768 (2703947)		<0.001	1.28	8.03	349	299	9.91	0.592	0.643	0.258	26.8	40.8	645	<0.001	<0.05
B25769 (2703948)		<0.001	0.713	7.79	15.6	57.5	50.6	1.56	0.276	0.436	0.868	81.2	391	<0.001	<0.05
B25770 (2703949)		0.026	1.01	8.05	76.5	74.9	19.3	3.20	0.227	0.131	0.754	68.3	653	<0.001	10.7
B25771 (2703950)		0.019	0.605	7.64	525	15.5	5.34	0.378	0.502	0.072	2.38	36.6	513	<0.001	<0.05
B25772 (2703951)		0.043	0.533	8.13	334	35.7	2.16	1.33	0.446	0.119	2.39	24.3	675	<0.001	18.4
B25773 (2703952)		0.065	0.770	8.10	8.3	78.0	1.78	3.14	0.644	0.096	2.75	10.5	398	<0.001	<0.05
B25774 (2703953)		0.050	0.652	8.03	14.3	80.3	1.16	3.43	0.574	0.049	2.61	9.63	659	<0.001	<0.05
B25775 (2703954)		0.067	0.930	8.29	23.6	55.3	1.99	5.51	0.642	0.149	4.72	8.11	431	<0.001	<0.05
B25776 (2703955)		0.046	0.674	8.20	20.9	58.4	1.13	0.173	0.585	0.046	3.07	6.63	712	<0.001	<0.05
B25777 (2703956)		0.059	0.591	7.28	12.3	56.7	0.49	0.064	0.666	0.080	3.04	5.92	432	<0.001	<0.05
B25778 (2703957)		0.066	0.743	8.88	<0.1	430	<0.05	0.075	0.105	0.029	25.6	9.96	81.7	<0.001	<0.05
B25779 (2703958)		0.020	0.810	7.52	13.5	245	<0.05	0.033	0.384	0.042	7.16	7.67	413	<0.001	<0.05
B25780 (2703959)		0.032	0.768	8.14	13.6	346	0.42	0.056	0.546	0.059	16.0	12.3	656	<0.001	<0.05
B25781 (2703960)		0.014	2.51	8.23	16.9	40.7	26.1	0.240	0.333	2.34	0.940	90.5	653	<0.001	<0.05
B25782 (2703961)		0.023	0.740	7.76	10.9	171	1.66	0.220	0.489	0.072	2.20	9.62	372	<0.001	<0.05
B25783 (2703962)		0.039	0.554	8.21	3.8	345	<0.05	0.727	0.202	0.013	1.15	28.5	593	<0.001	<0.05
B25784 (2703963)		0.062	0.730	7.59	11.0	24.7	2.04	3.25	0.753	0.035	4.84	9.65	457	<0.001	<0.05
B25785 (2703964)		<0.001	0.409	8.29	6.9	119	0.35	1.21	0.249	0.018	1.16	19.3	605	<0.001	<0.05
B25786 (2703965)		<0.001	0.384	8.17	17.1	57.4	1.51	0.453	0.436	0.059	3.62	14.9	432	<0.001	<0.05

Certified By: 

AGAT CERTIFICATE OF ANALYSIS (V1)

Results relate only to the items tested. Results apply to samples as received.

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TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

5823 McADAM ROAD
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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021		DATE RECEIVED: Jul 07, 2021				DATE REPORTED: Aug 16, 2021				SAMPLE TYPE: Rock					
	Analyte:	Ag	As	Al	B	Ba	Be	Bi	Ca	Cd	Ce	Cs	Cr	Co	Cu
	Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Sample ID (AGAT ID)	RDL:	0.001	0.001	0.00001	0.1	0.05	0.05	0.005	0.0001	0.005	0.001	0.001	0.05	0.001	0.05
B25787 (2703966)		<0.001	0.621	7.93	6.4	129	<0.05	0.477	0.181	0.009	0.330	27.5	631	<0.001	<0.05
B25788 (2703967)		<0.001	0.268	8.44	3.5	114	0.68	0.898	0.399	0.017	0.751	8.41	99.9	<0.001	<0.05
B25789 (2703968)		0.020	5.01	9.10	3.9	125	<0.05	6.91	0.189	0.008	0.474	15.3	125	<0.001	<0.05
B25790 (2703969)		<0.001	0.199	10.3	<0.1	63.5	<0.05	0.162	0.176	<0.005	0.401	16.4	85.5	<0.001	<0.05
B25791 (2703970)		<0.001	0.154	0.0604	1.2	1.08	<0.05	0.021	0.148	<0.005	0.029	0.511	185	<0.001	<0.05
B25792 (2703971)		<0.001	0.229	7.90	9.6	32.4	1.30	0.924	0.654	0.024	2.33	6.53	97.1	<0.001	<0.05
B25793 (2703972)		<0.001	1.16	8.72	61.5	200	1.63	1.75	4.09	0.676	83.4	9.00	133	<0.001	<0.05
B25794 (2703973)		<0.001	0.271	8.52	108	121	1.58	3.56	0.530	0.103	5.16	19.7	110	<0.001	<0.05
B25795 (2703974)		<0.001	0.193	8.17	0.6	246	<0.05	0.329	0.186	<0.005	0.593	15.5	135	<0.001	<0.05
B25796 (2703975)		<0.001	0.264	8.00	14.0	67.4	1.10	2.00	0.501	0.015	2.68	5.41	110	<0.001	<0.05
B25797 (2703976)		<0.001	0.313	8.31	5.4	45.4	0.55	5.02	0.658	0.060	3.87	13.3	111	<0.001	<0.05
B25798 (2703977)		<0.001	0.271	8.63	81.5	71.2	0.35	3.25	0.257	0.032	0.739	15.0	124	<0.001	<0.05
B25799 (2703978)		<0.001	0.195	3.50	38.2	25.7	<0.05	1.33	0.0993	0.028	1.07	14.6	65.5	<0.001	<0.05
B25800 (2703979)		0.091	0.331	8.29	239	7.81	5.38	1.12	0.371	0.088	1.42	16.8	142	<0.001	<0.05
B415101 (2703980)		0.168	0.875	8.08	20.0	11.6	5.56	41.5	0.486	0.065	2.64	15.6	120	<0.001	<0.05
B415102 (2703981)		0.159	0.747	9.05	21.9	21.5	4.49	19.8	0.523	0.147	4.43	12.3	161	<0.001	<0.05
B415103 (2703982)		0.054	0.595	8.61	33.5	8.05	2.85	0.365	0.158	0.019	0.263	16.6	80.2	<0.001	<0.05
B415104 (2703983)		0.043	0.320	9.02	731	5.24	5.31	2.01	0.193	0.032	1.90	13.9	169	<0.001	<0.05
B415105 (2703984)		0.051	0.691	8.89	85.5	13.6	3.32	2.33	0.285	0.094	2.82	35.5	127	<0.001	<0.05
B415106 (2703985)		0.076	0.595	8.47	29.4	7.65	35.0	3.14	0.291	0.034	2.53	32.4	104	<0.001	<0.05
B415107 (2703986)		0.071	0.502	10.2	2490	7.48	6.40	1.02	0.239	0.327	3.09	33.8	140	<0.001	<0.05
B415108 (2703987)		0.080	0.812	8.65	1770	82.5	4.57	23.8	0.514	0.077	3.77	17.2	147	<0.001	<0.05
B415109 (2703988)		0.045	0.459	8.65	256	14.0	4.55	7.17	0.358	0.037	2.64	12.7	172	<0.001	<0.05
B415111 (2703990)		0.065	0.766	8.33	1070	3.71	4.43	0.435	0.192	0.046	0.399	12.8	132	<0.001	<0.05
B415112 (2703991)		0.176	2.13	8.75	133	16.8	4.09	3.56	0.239	0.045	1.61	18.0	149	<0.001	<0.05
B415113 (2703992)		0.077	1.54	8.17	47.4	39.2	3.92	1.29	0.539	0.037	15.0	13.2	157	<0.001	<0.05
B415115 (2703994)		0.059	0.826	9.07	1800	5.37	6.37	5.69	0.530	0.040	1.88	4.49	158	<0.001	<0.05
B415116 (2703995)		0.080	0.779	8.74	122	13.9	4.59	9.52	0.599	0.122	1.26	7.20	128	<0.001	<0.05
B415117 (2703996)		<0.001	0.487	6.86	10.7	6.74	3.90	9.92	0.727	0.103	2.39	13.0	183	<0.001	8.82
B415118 (2703997)		<0.001	0.060	7.71	7.9	53.6	1.54	1.02	0.164	0.013	0.387	31.5	141	<0.001	<0.05
B415119 (2703998)		<0.001	0.510	7.78	861	8.72	4.39	12.8	0.629	0.067	3.52	10.2	417	<0.001	1.78
B415120 (2703999)		<0.001	0.261	7.86	10.8	61.7	0.98	4.36	0.236	0.017	1.27	12.7	608	<0.001	1.06

Certified By:

AGAT CERTIFICATE OF ANALYSIS (V1)

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AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021		DATE RECEIVED: Jul 07, 2021				DATE REPORTED: Aug 16, 2021				SAMPLE TYPE: Rock				
Analyte:	Ag	As	Al	B	Ba	Be	Bi	Ca	Cd	Ce	Cs	Cr	Co	Cu
Unit:	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.001	0.001	0.00001	0.1	0.05	0.05	0.005	0.0001	0.005	0.001	0.001	0.05	0.001	0.05
Sample ID (AGAT ID)														
B415121 (2704000)	<0.001	0.251	7.58	11.2	31.7	2.38	1.39	0.345	0.019	0.953	24.8	415	<0.001	1.67
B415122 (2704001)	<0.001	0.317	8.02	14.0	36.3	1.28	2.05	0.274	0.029	1.39	8.39	575	<0.001	2.78
B415123 (2704002)	<0.001	0.303	7.41	103	12.9	3.73	12.0	0.608	0.099	5.17	7.22	424	<0.001	<0.05
B415124 (2704003)	<0.001	0.308	7.58	41.4	57.4	1.88	10.4	0.252	0.022	1.47	19.9	617	<0.001	1.69
B415125 (2704004)	<0.001	0.391	6.21	402	13.9	2.90	15.9	0.339	0.066	3.53	13.4	713	6.60	2.86
B415126 (2704005)	<0.001	0.268	7.09	353	20.6	3.58	0.663	0.466	0.048	2.41	10.8	619	<0.001	2.05
B415127 (2704006)	<0.001	0.245	7.27	9.0	8.60	4.93	0.137	0.686	0.048	1.82	4.26	391	<0.001	1.68
B415128 (2704007)	<0.001	0.151	8.50	60.1	114	4.57	1.29	0.354	0.156	1.37	39.3	344	<0.001	2.08

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878
PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.001	0.001	0.005	0.00001	0.001	0.001	0.001	0.001	0.005	0.005	0.00002	0.001	0.05	0.001
Sample ID (AGAT ID)														
B25755 (2703934)	0.983	0.542	0.050	0.957	23.4	0.664	2.76	2.42	0.177	0.010	3.26	1.83	54.2	0.156
B25756 (2703935)	0.404	0.365	0.140	0.744	17.2	0.208	1.49	0.319	0.096	<0.005	4.48	1.34	11.4	0.092
B25757 (2703936)	1.75	1.18	0.353	0.791	18.1	1.15	1.25	0.166	0.359	0.024	6.21	4.07	56.1	0.209
B25758 (2703937)	3.48	1.91	0.179	1.01	26.6	2.62	1.59	1.55	0.688	0.051	4.39	11.5	210	0.297
B25759 (2703938)	0.526	0.393	0.069	0.469	19.2	0.214	1.70	0.419	0.114	0.008	7.06	0.938	9.34	0.102
B25760 (2703939)	0.459	0.333	0.046	1.79	37.9	0.202	1.54	0.249	0.102	0.038	3.25	1.40	254	0.057
B25761 (2703940)	0.042	0.013	0.008	0.753	34.3	0.044	4.41	0.205	0.006	<0.005	6.56	0.157	126	0.003
B25762 (2703941)	1.03	0.768	0.036	0.991	24.7	0.376	1.53	0.265	0.223	0.014	1.57	1.87	195	0.162
B25763 (2703942)	0.680	0.707	0.049	1.27	24.1	0.281	2.38	2.80	0.179	<0.005	2.34	2.89	58.7	0.210
B25764 (2703943)	0.107	0.076	0.054	0.649	15.9	0.041	2.10	0.179	0.022	<0.005	7.54	0.401	4.04	0.015
B25765 (2703944)	1.07	0.828	0.079	0.649	20.2	0.615	2.15	0.638	0.229	0.006	5.67	3.34	80.9	0.284
B25766 (2703945)	0.715	0.383	0.134	1.01	23.8	0.504	1.54	0.480	0.135	0.015	3.60	1.91	152	0.057
B25767 (2703946)	0.057	0.032	0.076	0.541	20.6	0.058	2.65	0.184	0.011	<0.005	5.35	1.05	66.2	0.007
B25768 (2703947)	0.601	0.308	0.218	1.05	22.4	0.895	2.34	2.05	0.108	<0.005	4.15	15.5	134	0.041
B25769 (2703948)	0.047	0.015	0.020	0.454	30.2	0.059	3.94	0.548	0.006	<0.005	4.74	0.513	75.6	0.002
B25770 (2703949)	0.040	0.019	0.021	0.603	23.5	0.053	3.93	0.520	0.006	<0.005	5.76	0.468	42.5	0.003
B25771 (2703950)	0.563	0.354	0.033	1.51	29.8	0.264	2.19	0.963	0.109	<0.005	2.44	1.34	276	0.092
B25772 (2703951)	0.585	0.370	0.046	0.972	24.2	0.295	2.08	0.631	0.111	<0.005	4.85	1.34	113	0.101
B25773 (2703952)	0.567	0.326	0.099	0.536	19.7	0.305	1.62	0.347	0.104	0.006	3.84	1.62	75.0	0.068
B25774 (2703953)	0.510	0.290	0.094	0.778	25.6	0.274	1.55	0.294	0.094	0.022	3.77	1.48	103	0.067
B25775 (2703954)	0.851	0.446	0.083	0.752	27.9	0.503	1.87	0.607	0.148	0.023	3.26	2.58	118	0.096
B25776 (2703955)	0.357	0.211	0.085	1.07	37.2	0.225	1.39	0.214	0.071	0.047	3.14	1.77	161	0.039
B25777 (2703956)	0.528	0.273	0.104	0.898	27.3	0.345	1.30	0.144	0.098	0.035	2.74	1.73	143	0.048
B25778 (2703957)	0.787	0.400	0.286	0.892	25.2	0.919	1.40	1.84	0.141	0.020	4.98	14.4	146	0.062
B25779 (2703958)	0.466	0.260	0.146	0.752	30.0	0.396	1.31	0.455	0.089	0.034	4.97	4.15	133	0.042
B25780 (2703959)	1.06	0.718	0.224	0.956	23.2	0.636	1.63	1.72	0.216	0.025	6.07	8.50	86.3	0.174
B25781 (2703960)	0.083	0.032	0.022	0.738	33.1	0.109	3.64	1.93	0.011	<0.005	3.85	0.540	51.3	0.004
B25782 (2703961)	0.482	0.248	0.137	0.508	24.7	0.303	1.52	0.194	0.082	0.017	4.98	1.26	61.5	0.044
B25783 (2703962)	0.127	0.064	0.153	0.559	14.8	0.091	1.58	0.148	0.023	<0.005	8.32	0.748	22.9	0.012
B25784 (2703963)	0.810	0.396	0.081	0.533	16.6	0.502	1.68	0.207	0.137	<0.005	1.69	2.83	42.7	0.075
B25785 (2703964)	0.350	0.252	0.081	0.589	16.4	0.156	1.85	0.405	0.067	<0.005	7.53	0.672	24.5	0.073
B25786 (2703965)	0.626	0.400	0.053	0.948	32.3	0.365	1.57	0.272	0.121	0.032	4.15	2.24	143	0.087

Certified By:

M. White

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878
PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.001	0.001	0.005	0.00001	0.001	0.001	0.001	0.001	0.005	0.005	0.00002	0.001	0.05	0.001
Sample ID (AGAT ID)														
B25787 (2703966)	0.129	0.105	0.080	0.509	14.3	0.044	1.88	0.066	0.031	<0.005	8.23	0.296	11.2	0.026
B25788 (2703967)	0.178	0.108	0.085	0.237	17.6	0.090	1.66	0.065	0.036	<0.005	6.19	0.544	23.9	0.024
B25789 (2703968)	0.149	0.100	0.081	0.178	15.7	0.081	1.62	0.130	0.026	<0.005	9.20	0.329	15.3	0.021
B25790 (2703969)	0.042	0.029	0.049	0.0782	16.5	0.019	2.31	0.084	0.010	<0.005	10.6	0.328	10.6	0.009
B25791 (2703970)	0.009	0.005	<0.005	0.164	0.151	0.005	1.34	<0.001	<0.005	<0.005	0.0432	0.020	2.15	<0.001
B25792 (2703971)	0.474	0.310	0.059	0.459	25.0	0.225	1.59	0.150	0.091	0.026	2.88	1.44	70.3	0.071
B25793 (2703972)	32.4	16.3	0.556	0.553	38.0	20.0	1.66	0.993	5.94	0.039	5.64	32.0	84.2	1.85
B25794 (2703973)	1.21	0.856	0.114	0.585	21.5	0.671	2.47	1.60	0.249	0.009	5.37	2.70	35.2	0.212
B25795 (2703974)	0.066	0.052	0.104	0.182	13.0	0.065	1.55	0.049	0.016	<0.005	8.41	0.397	7.89	0.009
B25796 (2703975)	0.361	0.214	0.076	0.716	25.8	0.221	1.46	0.238	0.068	0.016	3.25	1.61	65.6	0.041
B25797 (2703976)	0.800	0.727	0.092	0.459	21.0	0.402	1.66	1.41	0.193	0.023	3.85	2.03	66.0	0.217
B25798 (2703977)	0.172	0.102	0.073	0.315	17.1	0.094	2.04	0.335	0.033	<0.005	7.42	0.474	60.8	0.024
B25799 (2703978)	0.267	0.182	0.064	0.128	16.7	0.143	2.05	0.367	0.053	0.008	2.99	0.639	21.7	0.045
B25800 (2703979)	0.312	0.231	0.011	0.568	26.6	0.112	2.24	0.449	0.070	<0.005	3.14	0.879	75.9	0.055
B415101 (2703980)	0.467	0.382	0.016	0.774	29.2	0.195	2.01	0.846	0.105	0.010	2.02	1.63	231	0.121
B415102 (2703981)	0.972	0.751	0.024	0.621	35.9	0.388	1.82	0.566	0.208	0.007	2.37	2.66	200	0.191
B415103 (2703982)	0.073	0.064	0.006	0.763	54.1	0.030	1.71	0.311	0.018	0.029	4.55	0.150	392	0.023
B415104 (2703983)	0.716	0.377	<0.005	0.972	57.1	0.391	1.83	1.69	0.125	0.017	4.42	0.737	368	0.068
B415105 (2703984)	0.556	0.506	0.019	0.387	19.7	0.211	2.88	2.32	0.121	<0.005	6.20	1.50	46.2	0.211
B415106 (2703985)	0.367	0.244	0.010	0.512	39.2	0.188	2.21	0.818	0.072	0.008	3.71	1.38	230	0.059
B415107 (2703986)	1.87	1.42	0.010	2.08	50.7	0.523	4.00	7.87	0.383	0.009	4.17	1.53	217	0.505
B415108 (2703987)	0.517	0.287	0.086	0.816	25.1	0.322	2.43	0.312	0.093	<0.005	3.55	1.97	52.1	0.048
B415109 (2703988)	0.238	0.164	0.024	0.446	27.8	0.138	2.15	0.473	0.052	<0.005	2.88	1.68	99.7	0.043
B415111 (2703990)	0.046	0.012	<0.005	0.670	34.5	0.026	3.86	1.50	0.005	<0.005	2.69	0.250	11.4	0.002
B415112 (2703991)	0.192	0.079	0.036	0.626	34.8	0.198	3.17	2.16	0.026	0.005	3.74	0.688	22.0	0.020
B415113 (2703992)	0.313	0.103	0.226	0.439	35.1	0.693	3.69	0.764	0.049	<0.005	3.92	8.23	17.5	0.009
B415115 (2703994)	0.136	0.105	0.037	0.806	27.8	0.068	2.04	0.234	0.026	<0.005	0.757	1.37	45.7	0.029
B415116 (2703995)	0.242	0.166	0.041	0.282	21.7	0.100	1.97	0.293	0.049	<0.005	1.63	0.884	75.3	0.047
B415117 (2703996)	0.428	0.318	0.047	0.510	28.6	0.151	2.23	0.192	0.086	0.008	1.45	1.61	167	0.084
B415118 (2703997)	0.124	0.112	0.036	0.195	14.4	0.039	1.79	0.067	0.029	<0.005	7.73	0.326	36.0	0.027
B415119 (2703998)	0.865	0.489	0.038	0.854	30.0	0.427	2.58	0.985	0.159	0.014	1.78	1.85	118	0.084
B415120 (2703999)	0.322	0.195	0.050	0.594	15.2	0.164	1.86	0.146	0.064	<0.005	7.51	0.704	59.7	0.033

Certified By:

M. White

AGAT CERTIFICATE OF ANALYSIS (V1)

Page 11 of 41



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878
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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Dy	Er	Eu	Fe	Ga	Gd	Ge	Hf	Ho	In	K	La	Li	Lu
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.001	0.001	0.005	0.00001	0.001	0.001	0.001	0.001	0.005	0.005	0.00002	0.001	0.05	0.001
Sample ID (AGAT ID)														
B415121 (2704000)	0.259	0.199	0.034	0.587	19.0	0.084	1.76	0.173	0.059	<0.005	5.13	0.711	114	0.039
B415122 (2704001)	0.242	0.159	0.034	0.608	17.2	0.128	1.76	0.200	0.047	0.007	6.60	0.861	65.8	0.031
B415123 (2704002)	0.810	0.607	0.035	0.823	26.6	0.389	1.71	0.529	0.175	0.007	1.41	3.17	158	0.125
B415124 (2704003)	0.246	0.204	0.051	0.610	15.8	0.111	1.88	0.759	0.056	<0.005	6.50	0.937	63.3	0.056
B415125 (2704004)	0.670	0.555	0.028	0.896	17.3	0.303	2.65	2.95	0.144	<0.005	2.96	1.86	46.8	0.205
B415126 (2704005)	0.341	0.200	0.033	0.713	21.4	0.201	2.10	0.331	0.067	<0.005	3.73	1.42	76.7	0.053
B415127 (2704006)	0.545	0.450	0.039	0.425	16.9	0.221	1.73	0.130	0.124	<0.005	0.694	1.26	53.8	0.097
B415128 (2704007)	0.300	0.240	0.076	0.702	23.2	0.119	3.26	1.67	0.067	<0.005	6.08	0.763	53.4	0.062

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sm	So
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.000005	0.01	0.001	0.001	0.001	0.05	0.00002	0.01	0.001	0.005		0.005	0.005	0.05
Sample ID (AGAT ID)														
B25755 (2703934)	0.0503	963	0.585	37.1	1.41	6.05	0.0861	10.3	0.423	286	0.017	0.150	0.659	<0.05
B25756 (2703935)	0.0412	334	0.751	5.95	0.616	4.77	0.0224	18.4	0.221	149	0.019	0.049	0.143	<0.05
B25757 (2703936)	0.142	147	0.228	6.48	3.56	4.13	0.0887	23.2	1.02	179	0.013	0.014	1.09	6.95
B25758 (2703937)	0.0961	547	0.644	12.2	8.74	3.16	0.131	19.9	2.64	240	0.021	0.037	2.48	8.51
B25759 (2703938)	0.0303	230	0.141	6.42	0.521	2.69	0.0563	25.1	0.171	300	0.024	0.038	0.187	<0.05
B25760 (2703939)	0.203	272	0.599	35.1	0.583	5.42	0.0230	7.61	0.219	296	0.011	0.043	0.159	4.99
B25761 (2703940)	0.0237	187	0.090	71.6	0.109	5.55	0.127	5.84	0.033	986	0.022	0.087	0.052	<0.05
B25762 (2703941)	0.0805	128	0.683	16.4	0.774	3.52	0.0325	6.66	0.280	122	0.015	0.060	0.241	<0.05
B25763 (2703942)	0.0919	1780	0.118	3.04	1.35	7.67	0.0374	10.7	0.501	152	0.021	0.027	0.306	<0.05
B25764 (2703943)	0.0343	115	0.835	1.09	0.174	3.70	0.0614	26.8	0.059	662	0.017	0.047	0.046	<0.05
B25765 (2703944)	0.0428	789	0.090	11.2	1.96	4.08	0.0910	20.2	0.869	400	0.020	0.062	0.558	<0.05
B25766 (2703945)	0.0954	241	0.586	14.7	1.45	5.73	0.0821	15.8	0.434	217	0.016	0.075	0.462	<0.05
B25767 (2703946)	0.0404	213	0.036	27.0	0.350	4.74	0.0854	16.8	0.133	661	0.016	0.075	0.057	<0.05
B25768 (2703947)	0.0913	529	0.567	31.1	7.92	7.30	0.0751	21.6	2.64	454	0.019	0.111	1.19	<0.05
B25769 (2703948)	0.0209	150	0.075	67.2	0.256	3.94	0.0963	8.74	0.082	1030	0.017	0.064	0.067	<0.05
B25770 (2703949)	0.0110	163	0.940	99.5	0.163	8.79	0.106	10.4	0.067	1040	0.017	0.137	0.038	<0.05
B25771 (2703950)	0.164	566	0.444	28.4	0.761	3.49	0.0552	7.53	0.247	290	0.018	0.095	0.210	2.24
B25772 (2703951)	0.0760	384	0.982	13.5	0.781	11.0	0.0859	15.4	0.254	329	0.015	0.093	0.231	0.62
B25773 (2703952)	0.0448	177	0.453	7.85	0.883	6.59	0.0632	19.5	0.287	195	0.021	0.095	0.262	0.46
B25774 (2703953)	0.0610	200	0.920	12.8	0.829	4.03	0.0575	15.6	0.270	214	0.015	0.101	0.250	2.20
B25775 (2703954)	0.0779	431	0.558	15.4	1.83	4.48	0.0724	13.3	0.509	206	0.019	0.119	0.511	2.38
B25776 (2703955)	0.114	192	0.968	22.5	0.919	5.00	0.0367	10.9	0.302	210	0.014	0.088	0.222	7.22
B25777 (2703956)	0.111	223	0.371	15.2	1.08	4.98	0.0493	11.4	0.337	160	0.014	0.077	0.291	4.40
B25778 (2703957)	0.0177	24.6	0.973	12.9	7.92	<0.05	0.00403	24.0	2.56	254	0.000	0.070	1.24	<0.05
B25779 (2703958)	0.0948	179	0.477	18.2	2.16	3.47	0.0467	17.5	0.725	274	0.013	0.100	0.412	5.38
B25780 (2703959)	0.0760	611	0.948	12.3	5.33	5.22	0.0814	26.3	1.71	307	0.016	0.080	0.925	1.25
B25781 (2703960)	0.0230	479	1.13	114	0.274	7.43	0.0869	10.7	0.094	754	0.019	0.183	0.122	<0.05
B25782 (2703961)	0.0579	132	0.399	10.8	0.813	5.44	0.0598	23.4	0.244	275	<0.0001	0.057	0.252	<0.05
B25783 (2703962)	0.0211	79.4	0.911	3.41	0.365	2.78	0.0565	35.4	0.117	461	0.012	0.067	0.090	<0.05
B25784 (2703963)	0.0368	96.2	0.391	4.31	1.57	7.43	0.0706	14.1	0.512	96.4	0.019	0.094	0.444	<0.05
B25785 (2703964)	0.0181	267	0.556	4.03	0.386	4.70	0.0581	27.6	0.124	406	0.014	0.040	0.125	<0.05
B25786 (2703965)	0.116	251	0.120	22.2	1.15	1.94	0.0448	11.9	0.393	260	0.011	0.259	0.335	4.53

Certified By:

M. White

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sm	Sc
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.000005	0.01	0.001	0.001	0.001	0.05	0.00002	0.01	0.001	0.005		0.005	0.005	0.05
B25787 (2703966)	0.00546	67.4	0.678	1.31	0.087	12.2	0.0672	32.0	0.032	481	0.016	0.058	0.036	<0.05
B25788 (2703967)	0.0290	101	0.127	5.47	0.204	3.54	0.0575	24.4	0.069	322	0.010	0.080	0.074	<0.05
B25789 (2703968)	0.00967	94.5	0.164	2.08	0.142	1.35	0.0688	32.9	0.049	500	0.012	0.043	0.051	<0.05
B25790 (2703969)	0.00156	21.2	0.064	0.150	0.093	0.47	0.0606	34.4	0.036	621	0.007	0.040	0.024	<0.05
B25791 (2703970)	0.000251	12.4	0.186	0.095	0.023	3.46	0.00093	<0.01	0.006	2.42	0.016	0.011	<0.005	<0.05
B25792 (2703971)	0.0740	118	0.105	12.9	0.641	<0.05	0.0481	12.9	0.222	168	0.018	0.019	0.195	2.11
B25793 (2703972)	0.0900	1100	0.133	20.8	41.8	2.16	1.77	17.5	11.1	324	0.056	0.029	15.8	7.23
B25794 (2703973)	0.0364	1610	0.132	4.65	1.86	2.53	0.0651	18.0	0.575	345	0.014	0.073	0.604	0.15
B25795 (2703974)	0.0129	37.2	0.150	1.27	0.185	3.21	0.0580	32.7	0.065	454	0.014	0.042	0.054	<0.05
B25796 (2703975)	0.122	217	0.164	16.5	0.769	0.53	0.0470	12.3	0.272	174	0.016	0.027	0.194	2.10
B25797 (2703976)	0.0464	737	0.165	8.53	1.24	2.96	0.0405	18.3	0.409	182	0.017	0.038	0.381	0.71
B25798 (2703977)	0.0318	446	0.123	5.83	0.240	1.11	0.0609	25.3	0.082	473	0.014	0.069	0.072	<0.05
B25799 (2703978)	0.00907	171	0.225	5.28	0.317	0.52	0.0245	24.2	0.115	476	0.003	0.062	0.124	<0.05
B25800 (2703979)	0.0470	1110	0.485	14.0	0.346	9.12	0.0534	9.36	0.137	284	0.003	0.068	0.095	2.13
B415101 (2703980)	0.0869	556	0.431	25.8	0.693	3.64	0.0462	7.36	0.249	207	0.000	0.113	0.192	3.12
B415102 (2703981)	0.0836	227	0.530	19.4	1.11	2.85	0.0441	7.78	0.428	239	0.000	0.106	0.290	4.21
B415103 (2703982)	0.121	247	0.417	37.0	0.082	3.35	0.0155	4.21	0.028	462	0.000	0.107	0.021	9.24
B415104 (2703983)	0.147	230	0.537	46.8	0.929	4.46	0.0350	2.54	0.256	457	0.000	0.052	0.361	5.62
B415105 (2703984)	0.0197	955	0.423	3.78	0.775	1.27	0.0854	16.9	0.274	608	0.000	0.073	0.208	0.37
B415106 (2703985)	0.0681	439	0.393	47.0	0.730	7.58	0.0414	7.32	0.256	483	0.005	0.056	0.194	3.46
B415107 (2703986)	0.195	4650	0.573	39.3	1.01	2.16	0.0414	9.36	0.327	537	0.002	0.125	0.382	3.68
B415108 (2703987)	0.0839	605	0.508	14.2	1.28	2.29	0.0765	13.2	0.413	277	0.000	0.083	0.290	0.49
B415109 (2703988)	0.0467	205	0.534	14.7	0.688	2.24	0.0587	9.71	0.259	260	0.003	0.072	0.147	1.46
B415111 (2703990)	0.00962	1280	0.522	86.7	0.068	2.56	0.0664	3.05	0.032	468	0.002	0.055	0.024	0.66
B415112 (2703991)	0.0308	1470	0.586	61.8	0.870	3.45	0.0893	4.04	0.208	576	0.056	0.150	0.227	0.95
B415113 (2703992)	0.0172	883	0.610	99.7	6.44	2.69	0.257	6.35	1.81	608	0.028	0.124	1.01	0.62
B415115 (2703994)	0.0834	345	0.584	6.75	0.485	3.44	0.0432	6.77	0.183	55.6	0.006	0.082	0.093	1.08
B415116 (2703995)	0.0275	319	0.462	6.15	0.323	2.81	0.0630	11.1	0.118	114	0.004	0.067	0.079	1.65
B415117 (2703996)	0.0511	438	0.242	118	0.519	7.03	0.271	2.27	0.207	177	0.026	0.059	0.137	<0.05
B415118 (2703997)	0.00675	180	0.111	1.49	0.100	5.11	0.0556	27.4	0.038	601	0.000	0.019	0.031	<0.05
B415119 (2703998)	0.0938	277	0.092	19.9	1.03	6.30	0.119	7.80	0.367	162	0.007	0.075	0.388	<0.05
B415120 (2703999)	0.0155	126	0.584	3.52	0.390	6.02	0.0947	28.0	0.129	513	0.011	0.038	0.139	<0.05

Certified By:

M. White

AGAT CERTIFICATE OF ANALYSIS (V1)

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AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

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http://www.agatlabs.com

CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sm	Sc
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
RDL:	0.000005	0.01	0.001	0.001	0.001	0.05	0.00002	0.01	0.001	0.005		0.005	0.005	0.05
B415121 (2704000)	0.0365	179	0.158	9.49	0.221	8.19	0.0526	20.4	0.083	422	0.005	0.030	0.065	<0.05
B415122 (2704001)	0.0244	150	0.522	6.01	0.371	7.93	0.0722	23.6	0.136	445	0.006	0.038	0.129	<0.05
B415123 (2704002)	0.0756	242	0.094	18.2	1.30	8.16	0.0410	7.21	0.478	135	0.003	0.021	0.306	<0.05
B415124 (2704003)	0.0187	217	0.655	4.56	0.355	15.8	0.0428	23.1	0.143	485	0.005	0.036	0.088	<0.05
B415125 (2704004)	0.0379	717	0.766	4.89	1.04	8.78	0.0446	8.71	0.354	248	0.006	0.019	0.312	<0.05
B415126 (2704005)	0.0464	178	0.635	9.14	0.655	4.87	0.0625	13.9	0.250	296	0.002	0.049	0.208	<0.05
B415127 (2704006)	0.0250	80.6	0.078	3.95	0.436	4.50	0.0505	8.91	0.162	35.6	0.002	0.030	0.126	<0.05
B415128 (2704007)	0.0253	1680	0.107	12.7	0.416	6.58	0.0364	18.2	0.146	672	0.006	0.040	0.123	<0.05

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Se	Si	Sn	Sr	Ta	Tb	Te	Th	Ti	Ti	Tm	U	V	W
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.0001	0.005	0.01	0.005	0.005	0.01	0.005	0.000001	0.005	0.005	0.005	0.05	0.005
Sample ID (AGAT ID)														
B25755 (2703934)	0.037	32.2	6.10	37.2	11.7	0.170	<0.01	2.16	0.0129	1.95	0.117	8.33	<0.05	1.40
B25756 (2703935)	0.070	32.8	1.19	96.6	0.847	0.052	0.01	0.778	0.0132	1.03	0.072	0.586	<0.05	0.560
B25757 (2703936)	0.060	31.7	1.22	192	1.54	0.259	0.01	1.70	0.0697	1.31	0.202	0.889	<0.05	2.31
B25758 (2703937)	0.059	32.2	4.06	84.3	1.83	0.571	0.03	8.03	0.0442	1.09	0.308	9.89	<0.05	3.30
B25759 (2703938)	0.022	31.3	2.27	54.7	0.976	0.069	0.18	0.575	0.00742	2.07	0.081	1.28	<0.05	1.07
B25760 (2703939)	0.052	33.8	8.42	35.6	3.18	0.058	<0.01	0.927	0.0698	2.12	0.058	0.679	<0.05	5.31
B25761 (2703940)	0.076	49.3	16.5	38.1	17.0	0.010	<0.01	0.252	0.0132	6.67	<0.005	1.96	<0.05	1.78
B25762 (2703941)	0.061	36.0	5.76	32.1	2.12	0.123	0.07	0.873	0.0236	0.771	0.148	1.40	<0.05	2.61
B25763 (2703942)	0.120	33.6	2.76	42.4	0.841	0.075	0.05	4.46	0.0187	1.13	0.157	3.79	<0.05	0.401
B25764 (2703943)	0.041	34.2	2.36	60.8	0.831	0.013	0.03	0.245	0.00660	5.32	0.016	0.375	<0.05	0.125
B25765 (2703944)	0.055	34.9	7.11	59.1	4.94	0.152	0.02	1.82	0.0139	3.15	0.181	2.73	<0.05	1.30
B25766 (2703945)	0.058	34.7	8.88	85.3	3.94	0.113	0.04	0.620	0.0326	1.53	0.064	2.20	<0.05	2.44
B25767 (2703946)	0.020	34.6	5.19	71.6	6.78	0.013	0.04	0.152	0.0117	5.52	0.005	3.79	<0.05	0.939
B25768 (2703947)	0.041	34.0	8.31	111	10.3	0.121	<0.01	8.63	0.0404	3.45	0.044	19.4	<0.05	1.06
B25769 (2703948)	0.032	34.8	18.6	38.1	22.5	0.011	<0.01	0.168	0.00925	7.11	<0.005	23.3	<0.05	1.71
B25770 (2703949)	<0.005	34.4	12.2	38.7	34.3	0.010	0.02	0.335	0.00536	8.19	<0.005	16.8	<0.05	1.80
B25771 (2703950)	<0.005	33.6	14.7	31.4	7.67	0.077	0.02	1.03	0.0506	2.28	0.072	8.83	<0.05	2.60
B25772 (2703951)	0.083	34.0	12.3	37.0	2.84	0.079	0.02	1.04	0.0185	2.50	0.075	8.15	<0.05	2.04
B25773 (2703952)	0.226	35.4	7.87	64.7	1.37	0.076	<0.01	0.617	0.0123	1.38	0.060	27.5	<0.05	1.49
B25774 (2703953)	0.258	35.9	8.70	58.2	1.91	0.079	<0.01	0.739	0.0201	1.41	0.055	84.7	<0.05	3.21
B25775 (2703954)	0.164	34.9	9.37	50.3	2.27	0.131	0.04	1.20	0.0344	1.28	0.081	77.7	<0.05	3.46
B25776 (2703955)	<0.005	36.4	11.9	54.2	1.62	0.055	0.02	0.796	0.0407	1.26	0.038	6.48	<0.05	6.21
B25777 (2703956)	0.095	36.9	10.1	65.5	1.31	0.082	0.04	0.798	0.0391	1.01	0.046	4.95	<0.05	4.46
B25778 (2703957)	0.383	34.4	9.25	39.4	1.47	0.137	0.04	9.26	0.00274	1.80	0.063	9.70	<0.05	2.62
B25779 (2703958)	0.368	36.4	15.0	74.9	1.30	0.076	0.02	2.14	0.0465	1.72	0.040	3.06	<0.05	5.84
B25780 (2703959)	0.349	35.7	11.5	108	1.70	0.164	0.02	5.66	0.0342	2.13	0.135	11.3	<0.05	2.19
B25781 (2703960)	0.231	36.4	24.4	31.9	135	0.019	<0.01	1.16	0.0108	5.43	<0.005	31.7	<0.05	2.69
B25782 (2703961)	0.382	33.4	8.17	76.6	0.873	0.071	0.02	0.433	0.0193	1.94	0.043	176	<0.05	2.78
B25783 (2703962)	0.407	34.6	6.11	88.7	0.823	0.018	0.05	0.590	0.00800	3.39	0.012	1.98	<0.05	0.491
B25784 (2703963)	0.192	36.5	6.55	62.6	0.663	0.127	<0.01	1.42	0.0103	0.728	0.073	2.21	<0.05	0.672
B25785 (2703964)	0.014	33.5	3.99	55.6	1.38	0.045	<0.01	0.532	0.00947	3.10	0.052	2.04	<0.05	0.705
B25786 (2703965)	0.049	35.1	7.35	40.2	2.52	0.060	<0.01	1.26	0.0404	1.69	0.077	1.92	<0.05	4.40

Certified By:

M. White

AGAT CERTIFICATE OF ANALYSIS (V1)

Page 16 of 41

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Se	Si	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.0001	0.005	0.01	0.005	0.005	0.01	0.005	0.000001	0.005	0.005	0.005	0.05	0.005
B25787 (2703986)	0.057	34.8	2.99	57.8	0.991	0.017	<0.01	0.075	0.00666	3.53	0.022	0.888	<0.05	0.148
B25788 (2703987)	0.071	34.2	3.35	63.4	1.30	0.025	0.02	0.113	0.0138	2.31	0.021	1.56	<0.05	0.883
B25789 (2703988)	0.027	31.9	2.71	58.8	0.937	0.019	<0.01	0.108	0.00483	3.82	0.020	0.931	<0.05	0.318
B25790 (2703989)	0.048	30.7	2.33	45.1	0.464	0.005	<0.01	0.030	0.00366	4.72	0.008	0.303	<0.05	<0.005
B25791 (2703990)	0.021	43.8	0.898	6.30	0.639	<0.005	<0.01	0.057	0.00474	0.010	<0.005	0.047	<0.05	<0.005
B25792 (2703971)	0.042	35.1	4.62	50.2	1.91	0.070	<0.01	0.580	0.0242	1.14	0.080	0.935	<0.05	2.59
B25793 (2703972)	0.013	29.7	9.12	74.5	2.26	4.98	<0.01	6.18	0.0406	1.97	2.48	9.65	<0.05	6.53
B25794 (2703973)	0.042	33.9	3.96	67.5	0.903	0.180	<0.01	4.69	0.0115	2.42	0.164	3.82	<0.05	1.29
B25795 (2703974)	0.034	33.8	2.35	83.6	0.742	0.015	0.04	0.200	0.00587	3.31	0.009	0.499	<0.05	0.073
B25796 (2703975)	0.068	35.3	5.31	65.6	2.27	0.055	<0.01	1.60	0.0384	1.11	0.041	1.45	<0.05	2.50
B25797 (2703976)	0.086	35.6	4.22	71.3	1.20	0.108	<0.01	1.88	0.0162	1.20	0.152	6.93	<0.05	1.64
B25798 (2703977)	0.051	34.2	3.56	57.4	1.72	0.027	0.02	0.286	0.00960	3.73	0.023	0.699	<0.05	0.536
B25799 (2703978)	0.072	13.8	3.08	21.4	1.69	0.038	0.09	0.387	0.00306	3.59	0.036	0.778	<0.05	0.515
B25800 (2703979)	0.008	35.4	8.12	21.3	2.63	0.038	0.08	0.697	0.0107	2.00	0.051	0.474	<0.05	1.66
B415101 (2703980)	0.423	36.7	10.7	23.0	4.34	0.062	<0.01	0.859	0.0231	1.43	0.086	1.28	<0.05	3.17
B415102 (2703981)	0.234	32.9	11.6	26.2	1.97	0.118	0.02	1.13	0.0207	1.46	0.157	4.54	<0.05	3.61
B415103 (2703982)	<0.005	38.3	17.0	18.3	2.92	0.010	0.02	0.113	0.0261	2.77	0.015	0.340	<0.05	7.27
B415104 (2703983)	0.115	35.9	20.3	15.2	5.45	0.107	0.05	0.415	0.0198	2.63	0.070	1.03	<0.05	8.27
B415105 (2703984)	0.029	35.1	6.40	30.0	0.562	0.062	0.04	1.69	0.00342	5.10	0.135	2.38	<0.05	0.549
B415106 (2703985)	0.186	31.8	22.3	22.3	22.6	0.052	<0.01	1.02	0.0154	3.29	0.046	0.900	<0.05	4.61
B415107 (2703986)	0.342	29.4	21.4	21.1	7.13	0.220	0.04	3.15	0.0232	3.64	0.342	2.85	<0.05	3.98
B415108 (2703987)	0.157	37.4	6.89	58.1	4.35	0.078	<0.01	0.912	0.0251	2.04	0.049	1.91	0.75	0.512
B415109 (2703988)	<0.005	35.6	9.66	28.8	1.82	0.035	0.02	1.11	0.00919	1.85	0.033	0.884	<0.05	1.86
B415111 (2703990)	0.071	36.3	10.1	16.7	16.8	0.008	<0.01	0.328	0.00622	3.55	<0.005	7.35	<0.05	1.58
B415112 (2703991)	<0.005	35.7	12.8	21.5	10.4	0.035	0.07	1.04	0.0110	4.29	0.015	12.4	<0.05	1.75
B415113 (2703992)	0.500	39.3	19.4	64.2	40.1	0.078	0.10	0.645	0.00625	3.96	0.012	2.61	<0.05	1.78
B415115 (2703994)	0.278	34.9	6.19	40.6	0.744	0.015	0.02	0.996	0.0230	0.349	0.024	0.532	<0.05	1.72
B415116 (2703995)	0.033	34.7	6.03	37.2	0.621	0.028	<0.01	0.233	0.00662	0.820	0.036	0.669	<0.05	1.59
B415117 (2703996)	0.039	36.3	11.5	21.4	76.3	0.048	0.07	0.823	0.0149	1.08	0.066	1.25	2.32	5.51
B415118 (2703997)	0.065	33.3	2.95	40.2	0.738	0.014	<0.01	0.056	0.00229	4.82	0.024	0.230	<0.05	0.201
B415119 (2703998)	0.029	35.1	7.19	29.5	4.29	0.122	0.05	0.970	0.0159	1.08	0.083	1.26	<0.05	1.80
B415120 (2703999)	0.036	33.6	2.30	42.2	1.10	0.045	<0.01	0.261	0.00471	3.99	0.034	0.450	<0.05	0.253

Certified By:

M. White

AGAT CERTIFICATE OF ANALYSIS (V1)

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AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878
PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Se	Si	Sn	Sr	Ta	Tb	Te	Th	Ti	Tl	Tm	U	V	W
Unit:	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.0001	0.005	0.01	0.005	0.005	0.01	0.005	0.000001	0.005	0.005	0.005	0.05	0.005
B415121 (2704000)	0.044	36.6	5.20	34.4	1.78	0.030	<0.01	0.240	0.00934	3.31	0.039	0.509	<0.05	1.15
B415122 (2704001)	0.035	34.2	3.64	34.2	1.10	0.036	0.03	0.476	0.00694	3.45	0.025	0.543	<0.05	0.785
B415123 (2704002)	0.101	36.0	7.02	31.6	2.03	0.109	<0.01	1.85	0.0181	0.862	0.114	1.13	<0.05	2.35
B415124 (2704003)	0.043	34.5	3.92	41.1	1.41	0.031	0.04	0.588	0.00513	3.76	0.044	1.43	<0.05	0.470
B415125 (2704004)	0.042	36.5	4.14	23.0	1.30	0.084	<0.01	2.08	0.00546	2.00	0.133	1.76	<0.05	0.618
B415126 (2704005)	0.042	35.1	5.54	31.1	1.78	0.053	<0.01	0.433	0.00820	2.22	0.045	0.776	<0.05	1.20
B415127 (2704006)	0.041	38.2	3.46	32.9	1.29	0.065	<0.01	0.301	0.00520	0.273	0.083	0.662	<0.05	0.373
B415128 (2704007)	0.042	32.5	5.77	56.5	3.84	0.034	<0.01	0.708	0.00455	5.26	0.054	1.04	<0.05	0.486

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878

PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Y	Yb	Zn	Zr	Na2O2 Fusion	Na2O2 Fusion Sample Weight g	Na2O2 Fusion Sample Weight
Unit:	ppm	ppm	ppm	ppm			
RDL:	0.005	0.005	0.05	0.02			
Sample ID (AGAT ID)							
B25755 (2703934)	5.96	0.981	56.5	30.6	Y		0.2051
B25756 (2703935)	3.26	0.571	14.0	6.72	Y		0.2007
B25757 (2703936)	11.2	1.43	20.8	3.19	Y		0.2069
B25758 (2703937)	20.1	2.16	23.8	32.1	Y		0.2103
B25759 (2703938)	4.12	0.639	7.79	8.07	Y		0.2004
B25760 (2703939)	3.87	0.442	82.3	4.60	Y		0.2014
B25761 (2703940)	0.257	0.018	59.1	1.60	Y		0.2147
B25762 (2703941)	8.81	1.17	23.7	5.04	Y		0.1995
B25763 (2703942)	6.10	1.36	83.7	47.1	Y		0.2056
B25764 (2703943)	0.823	0.130	23.0	3.13	Y		0.2024
B25765 (2703944)	8.08	1.79	24.0	12.1	Y		0.2069
B25766 (2703945)	4.62	0.432	36.2	8.06	Y		0.2062
B25767 (2703946)	0.436	0.044	27.0	1.89	Y		0.2060
B25768 (2703947)	3.31	0.322	69.8	55.8	Y		0.2081
B25769 (2703948)	0.262	0.011	49.2	2.55	Y		0.203
B25770 (2703949)	0.241	0.017	31.1	2.78	Y	0.2001	
B25771 (2703950)	3.87	0.608	98.0	12.8	Y	0.1933	
B25772 (2703951)	3.93	0.657	42.7	9.81	Y	0.2036	
B25773 (2703952)	3.56	0.478	26.7	6.79	Y	0.1963	
B25774 (2703953)	3.33	0.431	23.9	5.48	Y	0.2068	
B25775 (2703954)	5.34	0.639	41.6	10.7	Y	0.2152	
B25776 (2703955)	2.41	0.281	36.9	3.78	Y	0.2108	
B25777 (2703956)	3.06	0.331	36.6	2.62	Y	0.2072	
B25778 (2703957)	4.30	0.430	6.13	58.0	Y	0.2007	
B25779 (2703958)	2.89	0.305	30.8	10.1	Y	0.2082	
B25780 (2703959)	7.21	1.06	24.1	42.3	Y	0.2007	
B25781 (2703960)	0.580	0.030	116	8.78	Y	0.2117	
B25782 (2703961)	2.97	0.319	17.8	3.59	Y	0.2048	
B25783 (2703962)	0.813	0.084	10.5	2.83	Y	0.2004	
B25784 (2703963)	4.93	0.524	17.1	4.33	Y	0.2005	

Certified By:

M. White

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878
PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock

Analyte:	Y	Yb	Zn	Zr	Na2O2 Fusion	Na2O2 Fusion Sample Weight	Na2O2 Fusion Sample Weight
Unit:	ppm	ppm	ppm	ppm		g	
RDL:	0.005	0.005	0.05	0.02			
Sample ID (AGAT ID)							
B25785 (2703964)	2.62	0.448	12.0	7.20	Y	0.1932	
B25786 (2703965)	4.65	0.603	52.5	4.49	Y	0.2063	
B25787 (2703966)	1.23	0.181	11.2	1.25	Y	0.1943	
B25788 (2703967)	1.30	0.173	17.2	1.12	Y	0.2037	
B25789 (2703968)	1.15	0.143	5.77	2.02	Y	0.2067	
B25790 (2703969)	0.358	0.055	4.57	1.63	Y	0.2056	
B25791 (2703970)	0.068	0.007	7.50	0.06	Y	0.1963	
B25792 (2703971)	3.44	0.481	27.7	2.44	Y	0.2095	
B25793 (2703972)	208	15.4	25.0	21.8	Y	0.2042	
B25794 (2703973)	9.68	1.33	15.3	25.5	Y	0.2069	
B25795 (2703974)	0.603	0.069	6.30	1.01	Y	0.2112	
B25796 (2703975)	2.29	0.313	15.7	5.05	Y	0.1936	
B25797 (2703976)	7.12	1.34	13.7	24.3	Y	0.2002	
B25798 (2703977)	1.22	0.160	24.6	4.79	Y	0.1999	
B25799 (2703978)	1.88	0.297	6.86	5.49	Y	0.2040	
B25800 (2703979)	2.75	0.404	28.8	7.51	Y	0.2068	
B415101 (2703980)	4.16	0.745	59.9	20.5	Y	0.1988	
B415102 (2703981)	8.34	1.27	42.6	14.6	Y	0.2028	
B415103 (2703982)	0.673	0.135	49.3	4.38	Y	0.2077	
B415104 (2703983)	4.70	0.534	86.0	22.1	Y	0.1942	
B415105 (2703984)	4.91	1.27	17.1	45.6	Y	0.2103	
B415106 (2703985)	2.89	0.385	29.4	11.2	Y	0.2180	
B415107 (2703986)	15.7	3.28	140	106	Y	0.1989	
B415108 (2703987)	3.84	0.357	97.3	5.16	Y	0.2009	
B415109 (2703988)	1.99	0.297	28.5	8.26	Y	0.2066	
B415111 (2703990)	0.282	0.024	98.2	19.4	Y	0.208	
B415112 (2703991)	1.42	0.124	22.8	32.3	Y	0.1917	
B415113 (2703992)	1.44	0.063	13.3	8.95	Y	0.2111	
B415115 (2703994)	1.13	0.201	86.7	4.41	Y	0.2038	
B415116 (2703995)	1.96	0.298	21.4	4.92	Y	0.2055	

Certified By:

M. White

AGAT CERTIFICATE OF ANALYSIS (V1)

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AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21B770878
PROJECT: All

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CLIENT NAME: PORTOFINO RESOURCES INC

ATTENTION TO: David Tafel

(283-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Jul 06, 2021

DATE RECEIVED: Jul 07, 2021

DATE REPORTED: Aug 16, 2021

SAMPLE TYPE: Rock


Analyte:	Y	Yb	Zn	Zr	Na2O2 Fusion	Na2O2 Fusion Sample Weight	Na2O2 Fusion Sample Weight
Unit:	ppm	ppm	ppm	ppm		g	
RDL:	0.005	0.005	0.05	0.02			
Sample ID (AGAT ID)							
B415117 (2703996)	3.76	0.577	32.2	3.05	Y	0.2001	
B415118 (2703997)	1.18	0.202	5.42	1.24	Y	0.2009	
B415119 (2703998)	6.66	0.648	59.8	16.2	Y	0.2006	
B415120 (2703999)	2.54	0.247	11.9	2.49	Y	0.2009	
B415121 (2704000)	2.32	0.289	23.9	3.54	Y	0.2003	
B415122 (2704001)	2.02	0.213	17.8	4.35	Y	0.2007	
B415123 (2704002)	7.18	0.860	48.6	11.4	Y	0.1999	
B415124 (2704003)	2.27	0.393	15.1	13.4	Y	0.2003	
B415125 (2704004)	5.57	1.27	39.0	43.4	Y	0.2001	
B415126 (2704005)	2.61	0.364	28.0	6.62	Y	0.2009	
B415127 (2704006)	4.92	0.656	15.9	3.04	Y	0.2000	
B415128 (2704007)	2.65	0.410	18.2	15.7	Y	0.1999	

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT Calgary (unless marked by *)

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO

APPENDIX III

Certificate of Analyses, Fall 2022 Sampling



AGAT Laboratories

Certificate of Analysis


AGAT WORK ORDER: 22B953952
PROJECT: All

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CLIENT NAME: MISC AGAT CLIENT ON ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish


DATE SAMPLED: Oct 05, 2022	DATE RECEIVED: Oct 07, 2022				DATE REPORTED: Oct 25, 2022				SAMPLE TYPE: Rock							
Analyte: Unit: RDL:	Ag ppm 1	Al % 0.01	As ppm 5	B ppm 20	Ba ppm 0.5	Be ppm 5	Bi ppm 0.1	Ca % 0.05	Cd ppm 0.2	Ce ppm 0.1	Co ppm 0.5	Cr % 0.005	Cs ppm 0.1	Cu ppm 5		
E5830201 (4381773)	<1	7.19	<5	55	11.8	5	0.8	0.70	<0.2	7.1	<0.5	0.039	2.8	<5		
E5830211 (4381774)	<1	7.20	<5	<20	29.8	<5	0.2	0.18	<0.2	2.8	<0.5	0.039	27.6	5		
E5830212 (4381775)	<1	6.23	<5	<20	17.0	<5	2.7	0.49	<0.2	3.1	0.5	0.040	16.7	<5		
E5830213 (4381776)	<1	7.16	<5	<20	52.2	<5	0.3	0.33	<0.2	1.2	<0.5	0.025	8.3	7		
E5830214 (4381777)	<1	7.30	<5	<20	61.6	<5	5.1	0.25	<0.2	2.5	<0.5	0.040	20.6	7		
E5830215 (4381778)	<1	7.28	<5	42	132	<5	0.5	0.49	<0.2	6.5	<0.5	0.037	13.3	<5		
E5830216 (4381779)	<1	7.76	<5	673	8.8	5	5.7	0.24	<0.2	1.9	<0.5	0.042	15.2	<5		
E5830217 (4381780)	<1	7.43	<5	<20	2.7	6	6.2	0.25	0.5	3.3	<0.5	0.039	9.2	<5		
E5830218 (4381781)	<1	7.47	<5	305	136	<5	0.5	0.48	<0.2	37.0	1.3	0.041	31.5	<5		
E5830219 (4381782)	<1	6.77	<5	134	52.6	<5	<0.1	0.27	<0.2	4.1	<0.5	0.038	12.0	<5		
E5830220 (4381783)	<1	7.11	<5	580	5.6	6	<0.1	0.29	<0.2	1.3	0.5	0.037	24.1	<5		
E5830221 (4381784)	<1	6.98	<5	<20	145	<5	<0.1	0.06	<0.2	0.8	2.2	0.045	6.1	7		
E5830222 (4381785)	<1	6.90	<5	27	19.6	<5	<0.1	0.23	<0.2	3.9	0.7	0.046	3.9	<5		
E5830223 (4381786)	<1	7.46	<5	<20	62.4	<5	<0.1	0.09	<0.2	0.8	<0.5	0.033	6.4	<5		
E5830224 (4381787)	<1	6.19	<5	2210	4.1	6	9.6	0.28	<0.2	2.2	0.9	0.048	5.1	<5		
E5830225 (4381788)	<1	7.28	<5	33	40.8	<5	18.5	0.33	<0.2	1.4	<0.5	0.033	3.5	<5		
E5830226 (4381789)	<1	6.99	<5	<20	4.0	7	29.7	0.54	<0.2	12.8	0.5	0.042	12.5	8		
E5830227 (4381790)	<1	7.32	<5	73	6.0	57	8.7	0.25	<0.2	2.3	<0.5	0.036	29.3	7		
E5830228 (4381791)	<1	7.07	<5	<20	30.0	<5	0.8	0.36	<0.2	5.9	0.5	0.037	17.5	<5		
E5830229 (4381792)	<1	7.22	5	27	5.0	27	2.4	0.98	<0.2	6.6	<0.5	0.036	21.2	5		
E5830230 (4381793)	<1	7.03	<5	<20	69.9	<5	2.4	0.54	<0.2	9.9	<0.5	0.041	11.0	7		
E5830231 (4381794)	<1	7.33	<5	29	89.5	16	0.5	0.33	<0.2	4.8	<0.5	0.033	30.0	<5		
E5830232 (4381795)	<1	7.69	<5	3790	28.5	<5	8.9	0.49	<0.2	5.8	1.2	0.044	6.8	7		
E5830233 (4381796)	<1	6.96	<5	159	44.1	<5	<0.1	0.41	<0.2	4.5	0.6	0.036	15.5	8		
E5830234 (4381797)	<1	6.97	<5	167	6.8	<5	0.2	0.26	<0.2	10.4	<0.5	0.028	18.0	<5		
E5830235 (4381798)	<1	6.81	<5	26	43.2	<5	17.4	0.38	<0.2	4.2	0.8	0.037	14.3	<5		
E5830236 (4381799)	<1	6.64	5	71	30.1	38	1.6	0.15	<0.2	1.7	0.6	0.035	49.8	7		
E5830237 (4381800)	<1	6.97	6	<20	590	<5	0.1	0.88	<0.2	56.7	2.1	0.037	9.8	8		
E5830238 (4381801)	<1	7.05	<5	31	53.5	<5	0.4	0.81	<0.2	6.3	0.6	0.038	6.5	<5		
E5830240 (4381802)	<1	7.23	<5	21	34.5	<5	3.4	0.39	<0.2	1.4	<0.5	0.036	9.0	6		
E5830244 (4381803)	<1	6.15	<5	496	3.0	<5	5.5	0.15	0.8	2.0	0.7	0.039	17.2	7		
E5830245 (4381804)	<1	7.37	5	23	8.8	125	0.1	0.07	<0.2	1.0	0.6	0.036	22.5	8		

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AGAT CERTIFICATE OF ANALYSIS (V1)

Results relate only to the items tested. Results apply to samples as received.

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AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22B953952
PROJECT: All


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CLIENT NAME: MISC AGAT CLIENT ON ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022	DATE RECEIVED: Oct 07, 2022				DATE REPORTED: Oct 25, 2022				SAMPLE TYPE: Rock							
Analyte: Unit: RDL:	Ag ppm 1	Al % 0.01	As ppm 5	B ppm 20	Ba ppm 0.5	Be ppm 5	Bi ppm 0.1	Ca % 0.05	Cd ppm 0.2	Ce ppm 0.1	Co ppm 0.5	Cr % 0.005	Cs ppm 0.1	Cu ppm 5		
E5830247 (4381805)	<1	7.72	<5	21	16.5	172	13.0	0.11	<0.2	1.8	<0.5	0.034	13.9	9		
E5830248 (4381806)	<1	7.31	<5	<20	9.1	146	49.1	0.16	<0.2	1.9	<0.5	0.040	13.2	8		
E5830181 (4381807)	<1	4.55	<5	<20	49.9	88	98.6	0.06	<0.2	0.9	0.9	0.045	13.8	7		
E5830183 (4381808)	<1	6.89	208	<20	314	<5	<0.1	5.78	<0.2	43.0	40.1	0.022	1.9	105		
E5830184 (4381809)	<1	6.55	7	<20	724	<5	<0.1	1.66	<0.2	26.0	3.8	<0.005	0.4	22		

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO


AGAT Laboratories


Certificate of Analysis
 AGAT WORK ORDER: 22B953952
 PROJECT: All

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CLIENT NAME: MISC AGAT CLIENT ON ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish


DATE SAMPLED: Oct 05, 2022	DATE RECEIVED: Oct 07, 2022				DATE REPORTED: Oct 25, 2022				SAMPLE TYPE: Rock							
Analyte: Unit: RDL:	Dy ppm 0.05	Er ppm 0.05	Eu ppm 0.05	Fe % 0.01	Ga ppm 0.01	Gd ppm 0.05	Ge ppm 1	Hf ppm 1	Ho ppm 0.05	In ppm 0.2	K % 0.05	La ppm 0.1	Li ppm 10	Lu ppm 0.05		
Sample ID (AGAT ID)																
E5830201 (4381773)	0.97	1.07	0.12	0.84	20.0	0.32	2	1	0.24	<0.2	0.51	3.9	30	0.36		
E5830211 (4381774)	0.83	0.39	0.08	0.48	16.9	0.19	1	<1	0.10	<0.2	5.49	1.4	34	0.10		
E5830212 (4381775)	0.71	0.36	0.09	0.54	22.4	0.50	3	<1	0.16	<0.2	2.55	1.9	58	0.24		
E5830213 (4381776)	0.49	0.30	<0.05	0.87	21.9	0.20	2	2	0.09	<0.2	3.51	0.8	20	0.08		
E5830214 (4381777)	0.51	0.39	0.08	0.56	19.3	0.16	1	<1	0.08	<0.2	4.70	1.4	21	0.10		
E5830215 (4381778)	1.47	0.87	0.19	0.53	25.3	1.03	1	<1	0.30	<0.2	4.18	3.3	104	0.17		
E5830216 (4381779)	0.72	0.51	<0.05	1.03	31.0	0.50	4	2	0.11	<0.2	2.11	0.9	80	0.10		
E5830217 (4381780)	0.93	0.26	<0.05	1.05	22.6	0.63	4	3	0.10	<0.2	1.43	1.4	43	<0.05		
E5830218 (4381781)	0.77	0.33	0.27	1.27	26.5	1.20	2	3	0.12	<0.2	1.97	20.6	124	<0.05		
E5830219 (4381782)	0.20	<0.05	0.05	0.40	23.6	0.26	2	<1	<0.05	<0.2	3.43	2.5	89	<0.05		
E5830220 (4381783)	0.11	0.17	<0.05	0.70	32.4	<0.05	3	<1	<0.05	<0.2	2.00	0.9	78	<0.05		
E5830221 (4381784)	0.26	0.15	0.14	0.35	13.1	0.07	1	<1	<0.05	<0.2	6.72	0.3	<10	<0.05		
E5830222 (4381785)	0.98	0.44	<0.05	1.00	43.1	0.33	1	<1	0.16	<0.2	2.55	2.1	66	0.11		
E5830223 (4381786)	0.11	0.07	<0.05	0.33	18.9	0.06	1	<1	<0.05	<0.2	6.85	0.3	<10	<0.05		
E5830224 (4381787)	0.86	0.28	<0.05	1.21	25.2	0.25	2	1	0.11	<0.2	0.77	1.2	<10	<0.05		
E5830225 (4381788)	0.23	0.12	<0.05	0.57	23.1	0.16	2	<1	0.05	<0.2	2.34	0.9	15	<0.05		
E5830226 (4381789)	1.19	0.95	<0.05	0.86	19.3	0.80	3	2	0.26	<0.2	0.61	6.6	107	0.34		
E5830227 (4381790)	0.83	0.25	<0.05	0.72	33.7	0.31	3	2	0.08	<0.2	1.73	1.2	88	0.11		
E5830228 (4381791)	0.81	0.69	<0.05	0.65	24.9	0.52	2	1	0.18	<0.2	3.09	3.2	176	0.17		
E5830229 (4381792)	1.44	0.94	0.15	0.58	19.2	0.91	2	<1	0.23	<0.2	0.60	3.7	116	0.24		
E5830230 (4381793)	1.17	0.70	0.13	0.55	17.9	0.82	3	1	0.23	<0.2	3.14	4.8	74	0.19		
E5830231 (4381794)	0.42	0.29	0.09	0.53	19.3	0.51	2	<1	0.08	<0.2	4.72	2.3	90	<0.05		
E5830232 (4381795)	0.64	0.87	0.08	2.10	28.7	0.37	3	1	0.22	<0.2	1.04	3.4	41	0.27		
E5830233 (4381796)	0.49	0.40	0.06	0.58	22.4	0.33	1	<1	0.10	<0.2	2.23	2.7	24	0.08		
E5830234 (4381797)	2.46	1.36	<0.05	0.97	56.6	0.90	3	2	0.42	<0.2	3.49	5.6	71	0.28		
E5830235 (4381798)	0.50	0.24	0.07	1.06	26.9	0.27	1	<1	0.09	<0.2	2.70	2.3	159	<0.05		
E5830236 (4381799)	0.18	<0.05	<0.05	0.57	38.2	0.29	5	2	<0.05	<0.2	2.46	0.8	52	<0.05		
E5830237 (4381800)	1.19	0.76	0.42	1.13	22.2	1.57	2	3	0.21	<0.2	2.86	32.1	88	0.09		
E5830238 (4381801)	1.24	0.91	0.16	0.61	26.6	0.96	2	1	0.26	<0.2	1.56	2.9	52	0.18		
E5830240 (4381802)	0.28	0.20	<0.05	0.49	21.9	0.12	2	<1	0.06	<0.2	2.92	1.0	18	<0.05		
E5830244 (4381803)	0.71	0.28	<0.05	1.12	25.0	0.35	5	2	0.11	<0.2	1.87	0.8	108	<0.05		
E5830245 (4381804)	0.05	<0.05	0.05	0.58	28.4	0.13	3	2	<0.05	<0.2	1.39	0.4	15	<0.05		

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AGAT CERTIFICATE OF ANALYSIS (V1)

Results relate only to the items tested. Results apply to samples as received.

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AGAT Laboratories

Certificate of Analysis
 AGAT WORK ORDER: 22B953952
 PROJECT: All

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CLIENT NAME: MISC AGAT CLIENT ON ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022	DATE RECEIVED: Oct 07, 2022				DATE REPORTED: Oct 25, 2022				SAMPLE TYPE: Rock							
Analyte: Unit: RDL:	Dy ppm 0.05	Er ppm 0.05	Eu ppm 0.05	Fe % 0.01	Ga ppm 0.01	Gd ppm 0.05	Ge ppm 1	Hf ppm 1	Ho ppm 0.05	In ppm 0.2	K % 0.05	La ppm 0.1	Li ppm 10	Lu ppm 0.05		
Sample ID (AGAT ID)																
E5830247 (4381805)	0.07	<0.05	0.05	0.59	30.0	0.16	4	4	<0.05	<0.2	1.41	1.2	32	<0.05		
E5830248 (4381806)	<0.05	<0.05	<0.05	0.56	23.8	0.09	3	4	<0.05	<0.2	1.86	1.3	37	<0.05		
E5830181 (4381807)	0.09	<0.05	0.08	0.51	16.9	0.08	2	2	<0.05	<0.2	0.81	0.3	24	<0.05		
E5830183 (4381808)	5.04	2.43	1.93	7.82	19.7	5.66	2	4	0.94	<0.2	0.71	21.3	<10	0.30		
E5830184 (4381809)	2.52	1.85	0.81	2.54	12.3	2.62	2	3	0.60	<0.2	1.30	13.7	<10	0.35		

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22B953952
PROJECT: All

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022

DATE RECEIVED: Oct 07, 2022

DATE REPORTED: Oct 25, 2022

SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
Sample ID (AGAT ID)														
E5830201 (4381773)	0.04	1870	<2	3	1.9	<5	0.05	13	0.71	42.2	0.01	0.1	<5	33.8
E5830211 (4381774)	0.04	61	<2	5	0.8	<5	0.08	31	0.24	450	<0.01	0.1	<5	33.8
E5830212 (4381775)	0.07	153	2	14	0.9	<5	0.21	18	0.40	268	0.02	0.2	<5	35.1
E5830213 (4381776)	0.04	1680	<2	9	0.5	<5	0.07	26	0.12	258	0.02	0.2	<5	34.2
E5830214 (4381777)	0.05	98	<2	7	0.8	<5	0.08	24	0.24	380	<0.01	0.4	<5	32.8
E5830215 (4381778)	0.07	228	<2	9	3.0	<5	0.08	25	0.83	237	<0.01	<0.1	6	31.1
E5830216 (4381779)	0.07	2360	<2	27	0.8	<5	0.08	9	0.27	368	<0.01	<0.1	<5	32.3
E5830217 (4381780)	0.02	5050	<2	12	1.4	<5	0.10	8	0.41	248	<0.01	0.1	<5	33.7
E5830218 (4381781)	0.15	642	<2	25	12.5	<5	0.06	12	3.74	377	<0.01	<0.1	<5	34.3
E5830219 (4381782)	0.04	82	2	9	0.9	<5	0.04	18	0.41	301	<0.01	0.2	<5	28.1
E5830220 (4381783)	0.08	228	<2	22	0.2	<5	0.05	9	0.11	282	<0.01	0.3	<5	31.3
E5830221 (4381784)	0.01	71	2	<1	0.2	114	0.06	44	0.09	409	<0.01	0.2	<5	25.0
E5830222 (4381785)	0.14	122	4	30	1.2	<5	0.03	<5	0.34	266	<0.01	0.1	10	30.2
E5830223 (4381786)	0.02	36	<2	7	0.2	<5	0.05	32	0.08	451	<0.01	<0.1	<5	29.7
E5830224 (4381787)	0.15	775	<2	15	0.8	<5	0.06	7	0.27	85.2	<0.01	<0.1	<5	30.5
E5830225 (4381788)	0.06	115	3	13	0.3	<5	0.04	13	0.13	210	<0.01	<0.1	<5	30.3
E5830226 (4381789)	0.06	930	<2	8	4.1	<5	0.06	10	1.36	93.5	<0.01	<0.1	<5	31.4
E5830227 (4381790)	0.04	1290	<2	50	0.8	<5	0.06	9	0.24	375	<0.01	<0.1	<5	33.7
E5830228 (4381791)	0.08	419	<2	14	1.8	<5	0.06	16	0.84	270	<0.01	0.1	5	29.9
E5830229 (4381792)	0.07	208	<2	9	2.3	<5	0.07	16	0.72	122	0.01	0.1	<5	31.1
E5830230 (4381793)	0.04	470	<2	4	3.6	<5	0.04	26	1.17	178	<0.01	0.1	<5	31.4
E5830231 (4381794)	0.05	320	<2	11	1.7	<5	0.07	24	0.55	393	<0.01	0.1	<5	28.8
E5830232 (4381795)	0.19	2100	<2	2	1.6	<5	0.03	12	0.56	85.7	<0.01	0.3	<5	30.9
E5830233 (4381796)	0.05	145	<2	10	1.7	<5	0.06	14	0.43	218	0.02	0.2	<5	34.2
E5830234 (4381797)	0.07	1310	<2	59	2.9	<5	0.04	14	1.10	582	<0.01	0.2	<5	31.0
E5830235 (4381798)	0.13	189	<2	20	1.1	<5	0.06	15	0.37	248	<0.01	0.2	<5	31.7
E5830236 (4381799)	0.03	976	<2	93	0.6	17	0.08	11	0.22	707	<0.01	0.2	<5	34.6
E5830237 (4381800)	0.20	252	<2	10	17.1	<5	0.03	28	5.62	240	0.01	0.3	<5	29.7
E5830238 (4381801)	0.07	511	2	12	2.6	<5	0.12	18	0.73	141	0.01	<0.1	<5	32.1
E5830240 (4381802)	0.05	89	<2	8	0.4	<5	0.06	23	0.12	220	<0.01	0.2	<5	31.2
E5830244 (4381803)	0.05	3520	3	20	1.0	<5	0.14	9	0.24	483	<0.01	0.2	<5	33.7
E5830245 (4381804)	0.02	1030	<2	68	0.7	<5	0.05	<5	0.18	622	<0.01	0.2	<5	30.9

Certified By:

Shawn Housley

AGAT CERTIFICATE OF ANALYSIS (V1)

Page 8 of 22

Results relate only to the items tested. Results apply to samples as received.



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22B953952
PROJECT: All

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022

DATE RECEIVED: Oct 07, 2022

DATE REPORTED: Oct 25, 2022

SAMPLE TYPE: Rock

Analyte:	Mg	Mn	Mo	Nb	Nd	Ni	P	Pb	Pr	Rb	S	Sb	Sc	Si
Unit:	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	%
RDL:	0.01	10	2	1	0.1	5	0.01	5	0.05	0.2	0.01	0.1	5	0.01
Sample ID (AGAT ID)														
E5830247 (4381805)	0.02	854	2	59	1.0	<5	0.06	8	0.20	447	<0.01	0.3	<5	31.4
E5830248 (4381806)	<0.01	1330	2	59	0.4	<5	0.16	9	0.18	481	0.01	0.4	<5	32.4
E5830181 (4381807)	0.02	560	20	38	0.5	<5	0.02	<5	0.13	314	<0.01	0.2	<5	38.3
E5830183 (4381808)	3.69	1440	5	21	24.1	118	0.16	<5	5.58	32.0	0.34	0.4	17	22.7
E5830184 (4381809)	0.50	879	4	5	12.7	<5	0.04	<5	3.12	31.3	0.06	0.2	6	30.5

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022		DATE RECEIVED: Oct 07, 2022					DATE REPORTED: Oct 25, 2022					SAMPLE TYPE: Rock				
	Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb	
	Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Sample ID (AGAT ID)	RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1	
E5830201 (4381773)		0.4	1	49.3	0.6	0.10	2.7	<0.01	<0.5	0.23	2.15	<5	1	8.0	2.2	
E5830211 (4381774)		0.2	3	36.1	1.9	0.09	0.4	<0.01	3.2	0.08	2.00	<5	2	3.8	0.7	
E5830212 (4381775)		0.4	8	37.5	5.3	0.10	0.7	0.01	1.8	0.11	3.73	<5	3	4.9	1.0	
E5830213 (4381776)		<0.1	4	32.8	1.2	0.07	0.9	<0.01	1.7	0.07	11.0	<5	1	3.2	0.6	
E5830214 (4381777)		0.1	2	43.3	1.3	<0.05	0.8	0.01	2.9	0.06	0.96	<5	1	3.6	0.6	
E5830215 (4381778)		0.8	3	71.2	0.7	0.20	1.4	0.02	1.5	0.14	2.06	<5	4	8.5	1.1	
E5830216 (4381779)		0.4	8	7.9	6.4	0.12	1.5	<0.01	2.2	0.09	3.52	<5	1	4.8	0.6	
E5830217 (4381780)		0.6	4	2.8	3.7	0.19	1.3	<0.01	1.6	<0.05	5.29	<5	<1	4.9	0.4	
E5830218 (4381781)		2.0	7	60.1	4.1	0.19	7.2	0.06	2.5	<0.05	2.36	9	1	3.9	0.2	
E5830219 (4381782)		0.2	3	30.3	0.8	<0.05	1.4	0.01	2.1	<0.05	0.94	<5	2	1.0	<0.1	
E5830220 (4381783)		<0.1	12	12.1	2.6	<0.05	0.3	0.01	1.8	<0.05	0.63	<5	3	1.3	0.2	
E5830221 (4381784)		<0.1	<1	96.4	<0.5	<0.05	0.1	<0.01	3.0	<0.05	0.21	<5	<1	1.6	0.3	
E5830222 (4381785)		0.3	17	18.1	1.9	0.09	0.9	0.04	1.4	0.11	0.55	<5	9	6.6	0.8	
E5830223 (4381786)		<0.1	4	34.5	0.8	<0.05	0.3	<0.01	3.6	<0.05	0.22	<5	1	0.7	<0.1	
E5830224 (4381787)		0.3	3	9.5	7.6	0.10	0.8	0.01	<0.5	0.08	3.19	<5	1	4.2	0.5	
E5830225 (4381788)		<0.1	7	33.3	2.7	<0.05	0.4	0.01	1.1	0.05	1.15	<5	5	2.1	0.4	
E5830226 (4381789)		1.0	2	23.9	2.0	0.14	3.3	0.01	0.7	0.25	5.65	<5	2	8.2	2.3	
E5830227 (4381790)		0.4	9	12.5	26.6	0.10	1.8	<0.01	2.2	0.08	4.86	<5	3	3.7	0.7	
E5830228 (4381791)		0.6	5	31.5	1.6	0.12	1.7	0.02	1.7	0.14	5.08	<5	3	5.8	1.2	
E5830229 (4381792)		0.5	3	94.8	11.5	0.19	1.8	0.02	0.9	0.19	4.94	<5	<1	7.6	1.5	
E5830230 (4381793)		0.9	<1	57.0	0.7	0.17	4.6	<0.01	1.3	0.14	4.26	<5	<1	7.6	1.4	
E5830231 (4381794)		0.2	2	44.4	7.1	0.09	1.6	0.01	2.9	0.06	0.78	<5	2	2.7	0.4	
E5830232 (4381795)		0.3	2	50.8	<0.5	0.09	5.7	0.03	0.6	0.18	5.35	<5	<1	6.0	1.6	
E5830233 (4381796)		0.3	6	28.6	1.9	0.09	1.0	0.01	1.5	0.08	3.14	<5	2	4.3	0.6	
E5830234 (4381797)		1.0	23	12.7	6.5	0.33	5.7	0.02	3.0	0.25	6.58	<5	5	17.9	1.8	
E5830235 (4381798)		0.3	5	36.8	2.5	0.07	1.0	0.04	1.7	<0.05	1.96	<5	3	3.0	0.4	
E5830236 (4381799)		0.2	20	16.1	25.5	0.05	0.5	<0.01	4.5	<0.05	2.63	<5	3	0.9	<0.1	
E5830237 (4381800)		3.0	1	180	1.4	0.21	18.9	0.09	1.8	0.07	8.12	12	<1	6.3	0.6	
E5830238 (4381801)		0.7	8	77.2	1.2	0.20	1.3	0.02	0.8	0.16	5.55	<5	3	9.8	1.2	
E5830240 (4381802)		<0.1	4	36.2	1.1	<0.05	0.3	0.01	1.4	<0.05	1.29	<5	2	1.9	0.3	
E5830244 (4381803)		0.3	2	9.4	3.5	0.12	1.3	<0.01	3.2	0.06	21.6	<5	1	4.3	0.5	
E5830245 (4381804)		0.2	7	18.3	33.4	<0.05	0.8	<0.01	3.7	<0.05	3.67	<5	2	<0.5	<0.1	

Certified By: 

AGAT CERTIFICATE OF ANALYSIS (V1)

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Results relate only to the items tested. Results apply to samples as received.



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22B953952
PROJECT: All

5623 McADAM ROAD
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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022		DATE RECEIVED: Oct 07, 2022					DATE REPORTED: Oct 25, 2022				SAMPLE TYPE: Rock			
Analyte:	Sm	Sn	Sr	Ta	Tb	Th	Ti	Tl	Tm	U	V	W	Y	Yb
Unit:	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.1	1	0.1	0.5	0.05	0.1	0.01	0.5	0.05	0.05	5	1	0.5	0.1
Sample ID (AGAT ID)														
E5830247 (4381805)	0.2	2	32.6	16.4	<0.05	1.5	<0.01	2.8	<0.05	7.55	<5	3	<0.5	<0.1
E5830248 (4381806)	0.1	1	33.8	26.8	<0.05	1.6	<0.01	3.5	<0.05	12.8	<5	1	<0.5	<0.1
E5830181 (4381807)	0.2	1	37.5	25.9	<0.05	0.7	<0.01	2.0	<0.05	3.18	6	2	<0.5	<0.1
E5830183 (4381808)	5.5	1	368	1.3	0.88	4.0	1.00	<0.5	0.31	1.06	169	<1	23.7	2.2
E5830184 (4381809)	2.5	<1	175	<0.5	0.37	2.9	0.19	<0.5	0.28	1.46	33	<1	15.5	2.0

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO


AGAT Laboratories


Certificate of Analysis
 AGAT WORK ORDER: 22B953952
 PROJECT: All

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CLIENT NAME: MISC AGAT CLIENT ON ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish


DATE SAMPLED: Oct 05, 2022	DATE RECEIVED: Oct 07, 2022	DATE REPORTED: Oct 25, 2022	SAMPLE TYPE: Rock
Analyte: Unit: RDL:	Zn ppm 5	Zr ppm 0.5	
Sample ID (AGAT ID)			
E5830201 (4381773)	7	22.0	
E5830211 (4381774)	<5	9.1	
E5830212 (4381775)	<5	12.1	
E5830213 (4381776)	9	27.5	
E5830214 (4381777)	<5	3.4	
E5830215 (4381778)	11	11.1	
E5830216 (4381779)	104	29.8	
E5830217 (4381780)	44	45.4	
E5830218 (4381781)	90	82.2	
E5830219 (4381782)	<5	6.1	
E5830220 (4381783)	39	2.5	
E5830221 (4381784)	<5	1.2	
E5830222 (4381785)	22	2.9	
E5830223 (4381786)	<5	2.2	
E5830224 (4381787)	88	14.5	
E5830225 (4381788)	12	2.3	
E5830226 (4381789)	23	32.6	
E5830227 (4381790)	18	23.8	
E5830228 (4381791)	28	29.3	
E5830229 (4381792)	20	7.3	
E5830230 (4381793)	<5	27.8	
E5830231 (4381794)	10	9.5	
E5830232 (4381795)	196	16.7	
E5830233 (4381796)	12	8.5	
E5830234 (4381797)	40	23.8	
E5830235 (4381798)	57	5.1	
E5830236 (4381799)	25	11.7	
E5830237 (4381800)	41	114	
E5830238 (4381801)	16	23.9	
E5830240 (4381802)	6	2.5	
E5830244 (4381803)	152	31.0	
E5830245 (4381804)	14	11.2	

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AGAT CERTIFICATE OF ANALYSIS (V1)

Results relate only to the items tested. Results apply to samples as received.

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AGAT Laboratories

Certificate of Analysis
 AGAT WORK ORDER: 22B953952
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CLIENT NAME: MISC AGAT CLIENT ON ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-378) Sodium Peroxide Fusion - ICP-OES/ICP-MS Finish

DATE SAMPLED: Oct 05, 2022	DATE RECEIVED: Oct 07, 2022	DATE REPORTED: Oct 25, 2022	SAMPLE TYPE: Rock
Analyte: Unit: RDL:	Zn ppm 5	Zr ppm 0.5	
Sample ID (AGAT ID)			
E5830247 (4381805)	26	38.8	
E5830248 (4381806)	22	40.7	
E5830181 (4381807)	<5	12.4	
E5830183 (4381808)	107	137	
E5830184 (4381809)	36	119	

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)
 Insufficient Sample : IS
 Sample Not Received : SNR

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22B953953

PROJECT: Allison

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 05, 2022		DATE RECEIVED: Oct 07, 2022				DATE REPORTED: Nov 07, 2022				SAMPLE TYPE: Rock					
	Analyte:	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
	Unit:	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
Sample ID (AGAT ID)	RDL:	0.01	0.01	0.2	1	0.05	0.01	0.01	0.02	0.01	0.05	0.5	0.01	0.5	0.01
E5830185 (4381975)		1.12	6.20	38.9	221	0.34	0.37	4.88	0.18	12.1	44.4	246	0.41	133	6.46
E5830186 (4381976)		0.04	6.87	3.4	764	0.97	0.07	1.57	0.04	25.4	4.53	11.3	0.34	17.5	2.46
E5830202 (4381977)		0.03	10.3	1.6	833	3.43	0.30	0.57	0.07	71.4	7.66	258	37.2	8.9	3.46
E5830203 (4381978)		0.15	7.70	1.3	771	1.08	0.24	1.24	0.02	70.7	5.25	181	21.5	14.5	4.68
E5830204 (4381979)		0.12	6.70	1.1	493	1.21	0.33	3.03	0.12	38.8	12.3	356	6.27	39.9	3.63
E5830205 (4381980)		0.09	5.62	0.8	401	0.96	0.51	0.13	0.03	8.23	1.14	165	9.95	16.4	3.78
E5830206 (4381981)		0.09	7.57	1.6	461	0.77	0.31	2.42	0.10	20.9	120	127	10.7	54.2	2.85
E5830207 (4381982)		0.14	5.94	1.2	11	0.41	0.63	4.17	0.27	3.68	5.44	307	2.65	3.4	13.4
E5830208 (4381983)		0.09	6.08	0.7	281	0.99	0.30	0.93	0.06	8.99	17.4	166	7.57	12.6	2.65
E5830209 (4381984)		0.12	7.45	0.8	663	0.68	0.40	1.79	0.03	9.84	13.3	130	4.40	20.0	2.63
E5830210 (4381985)		0.05	8.63	1.3	343	1.15	0.19	2.85	0.05	36.3	14.9	118	5.33	74.1	2.87
E5830239 (4381986)		0.14	9.84	1.3	538	2.06	0.23	1.66	0.06	63.5	11.4	248	16.2	20.2	3.43
E5830241 (4381987)		0.11	9.50	1.5	679	1.68	0.48	1.02	0.06	60.0	11.5	270	30.9	15.3	3.68
E5830242 (4381988)		0.22	6.80	1.2	274	0.50	0.25	5.30	0.30	25.6	28.1	145	5.10	41.1	12.0
E5830243 (4381989)		0.08	7.47	1.1	393	1.43	0.30	1.60	0.05	59.9	18.6	213	3.25	33.6	3.10
E5830246 (4381990)		0.10	8.61	4.9	435	16.3	1.54	0.59	0.02	64.7	18.8	258	30.2	47.9	3.31
E5830180 (4381991)		0.06	7.92	1.3	765	13.5	1.21	0.58	<0.02	63.4	7.21	168	17.0	12.5	1.82
E5830182 (4381992)		0.28	6.88	1.3	282	20.0	8.47	1.18	0.02	42.9	13.1	167	68.7	20.1	2.38



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AGAT WORK ORDER: 22B953953

PROJECT: Allison

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 05, 2022		DATE RECEIVED: Oct 07, 2022					DATE REPORTED: Nov 07, 2022					SAMPLE TYPE: Rock				
	Analyte:	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	
	Unit:	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	
	RDL:	0.05	0.05	0.1	0.005	0.01	0.5	0.1	0.01	1	0.05	0.01	0.1	0.5	10	
Sample ID (AGAT ID)																
E5830185 (4381975)		15.8	0.17	1.6	0.056	0.52	5.4	21.0	3.98	1100	3.79	1.87	3.6	116	381	
E5830186 (4381976)		14.0	0.22	1.7	0.024	1.51	13.6	2.6	0.48	661	4.65	3.20	5.5	10.1	397	
E5830202 (4381977)		29.3	0.44	3.9	0.061	3.26	35.1	234	1.18	440	2.47	1.28	8.1	20.5	170	
E5830203 (4381978)		21.2	0.40	3.2	0.034	2.13	37.4	212	1.27	370	4.36	1.93	2.8	8.7	644	
E5830204 (4381979)		18.8	0.24	2.5	0.034	1.52	20.3	58.1	1.00	673	10.4	1.79	4.8	21.6	448	
E5830205 (4381980)		16.7	<0.05	1.9	0.024	1.68	4.7	28.7	0.52	209	114	0.21	0.8	4.2	223	
E5830206 (4381981)		18.9	0.13	1.9	0.026	1.82	11.6	21.6	0.25	339	6.28	1.17	3.0	204	509	
E5830207 (4381982)		15.2	0.08	1.5	0.019	0.25	2.3	19.2	1.82	7590	2.71	0.37	2.5	7.8	216	
E5830208 (4381983)		15.8	0.06	1.6	0.015	1.75	4.8	16.1	0.29	1090	9.17	0.54	1.7	36.0	263	
E5830209 (4381984)		20.0	0.09	2.3	0.028	1.56	4.6	70.5	0.70	232	1.16	2.80	3.3	21.7	482	
E5830210 (4381985)		24.3	0.34	2.2	0.035	0.90	17.0	128	0.74	381	1.19	3.80	5.9	20.1	607	
E5830239 (4381986)		23.5	0.41	3.9	0.039	2.83	32.4	175	1.48	500	2.30	2.80	5.8	14.2	836	
E5830241 (4381987)		25.3	0.52	3.6	0.051	3.39	29.3	235	1.47	565	2.80	1.99	8.1	13.3	850	
E5830242 (4381988)		27.1	0.42	3.2	0.082	0.52	13.2	17.6	2.09	1940	1.43	2.13	4.8	6.0	703	
E5830243 (4381989)		17.4	0.41	3.3	0.029	1.68	30.3	50.1	1.32	459	1.81	2.78	5.2	34.6	746	
E5830246 (4381990)		24.3	0.48	3.7	0.036	2.32	31.7	149	1.06	343	1.53	1.04	11.6	35.4	1920	
E5830180 (4381991)		27.2	0.86	3.9	0.044	2.34	30.5	61.7	0.57	411	7.68	0.67	14.6	15.6	2530	
E5830182 (4381992)		23.0	0.63	3.2	0.022	2.04	22.8	230	0.75	780	3.41	1.63	22.8	28.4	3070	

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 22B953953

PROJECT: Allison

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 05, 2022

DATE RECEIVED: Oct 07, 2022

DATE REPORTED: Nov 07, 2022

SAMPLE TYPE: Rock

Analyte:	Pb	Rb	Re	S	Sb	Se	Se	Sn	Sr	Ta	Te	Th	Ti	Tl
Unit:	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm
RDL:	0.1	0.1	0.002	0.01	0.05	0.1	0.5	0.2	0.2	0.05	0.01	0.1	%	ppm
Sample ID (AGAT ID)														
E5830185 (4381975)	20.8	18.9	0.005	0.52	0.50	31.8	1.3	0.7	101	0.28	0.16	1.3	0.49	0.08
E5830186 (4381976)	2.8	35.5	0.002	0.05	0.26	8.2	0.9	2.1	183	0.45	0.04	2.8	0.18	0.09
E5830202 (4381977)	14.3	183	0.003	0.04	0.08	20.1	1.2	3.0	350	1.42	0.04	9.3	0.39	1.10
E5830203 (4381978)	14.4	118	0.004	0.29	<0.05	10.6	1.2	1.2	418	0.25	0.09	6.7	0.27	0.91
E5830204 (4381979)	10.5	71.3	0.003	0.43	0.05	9.5	1.8	1.0	500	0.39	0.09	5.4	0.25	0.37
E5830205 (4381980)	9.8	57.6	0.003	0.20	0.06	5.8	<0.5	0.7	190	0.08	0.18	2.4	0.09	0.46
E5830206 (4381981)	11.4	59.9	0.003	0.75	0.13	4.5	<0.5	0.6	453	0.28	0.12	3.0	0.28	0.52
E5830207 (4381982)	2.3	5.1	0.002	0.15	0.27	18.0	<0.5	0.8	75.3	0.22	0.19	1.6	0.20	0.01
E5830208 (4381983)	13.0	45.7	0.002	0.68	0.06	4.0	<0.5	0.6	354	0.17	0.13	2.1	0.16	0.31
E5830209 (4381984)	10.0	71.3	0.002	0.15	0.11	6.9	0.7	0.7	443	0.30	0.02	2.5	0.33	0.26
E5830210 (4381985)	10.7	33.3	0.003	0.05	0.33	10.4	1.4	0.9	747	0.47	0.02	3.6	0.51	0.13
E5830239 (4381986)	24.5	140	0.004	0.13	<0.05	18.3	1.7	1.7	410	0.54	0.06	8.0	0.35	1.12
E5830241 (4381987)	21.1	198	0.004	0.07	0.05	18.1	2.3	2.7	239	1.12	0.12	7.6	0.36	1.35
E5830242 (4381988)	6.0	18.4	0.005	0.32	0.11	35.0	1.8	2.0	275	0.33	0.18	2.7	0.88	0.09
E5830243 (4381989)	14.0	78.1	0.004	0.44	<0.05	11.3	1.5	1.0	539	0.46	0.24	8.9	0.27	0.47
E5830246 (4381990)	11.0	327	0.003	0.24	0.12	15.2	1.5	3.8	142	3.06	0.05	9.0	0.32	2.61
E5830180 (4381991)	6.9	315	0.003	0.05	<0.05	17.0	1.7	3.3	120	4.19	0.08	10.1	0.28	1.85
E5830182 (4381992)	11.9	465	0.003	0.14	0.08	8.5	1.0	3.0	188	12.9	0.04	7.8	0.20	4.31



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Certificate of Analysis

AGAT WORK ORDER: 22B953953

PROJECT: Allison

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CLIENT NAME: MISC AGAT CLIENT ON

ATTENTION TO: Bruce MacLachlan; Coleman Robertson

(201-071) 4 Acid Digest - Metals Package, ICP/ICP-MS finish

DATE SAMPLED: Oct 05, 2022

DATE RECEIVED: Oct 07, 2022

DATE REPORTED: Nov 07, 2022

SAMPLE TYPE: Rock

Analyte:	U	V	W	Y	Zn	Zr
Unit:	ppm	ppm	ppm	ppm	ppm	ppm
RDL:	0.005	0.5	0.1	0.1	0.5	0.5
Sample ID (AGAT ID)						
E5830185 (4381975)	0.356	241	7.0	18.5	79.9	52.3
E5830186 (4381976)	1.42	33.6	0.5	16.2	39.1	51.5
E5830202 (4381977)	3.04	156	5.0	7.8	118	134
E5830203 (4381978)	1.97	94.3	0.8	6.7	69.7	127
E5830204 (4381979)	1.56	82.2	0.7	9.3	73.5	95.5
E5830205 (4381980)	0.614	48.2	1.0	3.1	33.4	73.8
E5830206 (4381981)	0.891	64.8	0.5	5.3	85.6	72.6
E5830207 (4381982)	0.343	64.3	0.2	11.7	125	56.3
E5830208 (4381983)	0.688	42.8	0.8	3.9	35.9	57.6
E5830209 (4381984)	0.862	79.8	0.3	7.6	55.5	92.9
E5830210 (4381985)	1.03	106	0.5	14.6	39.9	89.8
E5830239 (4381986)	3.78	135	2.0	8.5	85.4	143
E5830241 (4381987)	2.49	137	4.7	8.9	68.8	135
E5830242 (4381988)	0.698	344	0.4	32.2	187	118
E5830243 (4381989)	2.86	87.1	0.4	9.5	44.0	132
E5830246 (4381990)	2.88	111	7.4	11.2	77.8	145
E5830180 (4381991)	6.62	94.4	8.3	14.1	68.8	142
E5830182 (4381992)	5.44	60.5	4.0	9.0	90.4	107

Comments: RDL - Reported Detection Limit


4381975-4381992 As, Sb values may be low due to digestion losses.

Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Insufficient Sample: IS

Sample Not Received: SNR

TECHNICAL REPORT ON THE ALLISON LAKE NORTH PROPERTY FOR PORTOFINO

		Certificate of Analysis AGAT WORK ORDER: 22B953953 PROJECT: Allison		5623 McADAM ROAD MISSISSAUGA, ONTARIO CANADA L4Z 1N9 TEL (905)501-9998 FAX (905)501-0589 http://www.agatlabs.com	
CLIENT NAME: MISC AGAT CLIENT ON			ATTENTION TO: Bruce MacLachlan; Coleman Robertson		
(202-551) Fire Assay - Trace Au, AAS finish (50g Charge)					
DATE SAMPLED: Oct 05, 2022		DATE RECEIVED: Oct 07, 2022		DATE REPORTED: Nov 07, 2022	
				SAMPLE TYPE: Rock	
	Analyte: Au Unit: ppm RDL: 0.002				
Sample ID (AGAT ID)					
E5830185 (4381975)	6.52				
E5830186 (4381976)	0.004				
E5830202 (4381977)	<0.002				
E5830203 (4381978)	<0.002				
E5830204 (4381979)	<0.002				
E5830205 (4381980)	0.004				
E5830206 (4381981)	0.005				
E5830207 (4381982)	0.004				
E5830208 (4381983)	0.002				
E5830209 (4381984)	<0.002				
E5830210 (4381985)	0.003				
E5830239 (4381986)	<0.002				
E5830241 (4381987)	<0.002				
E5830242 (4381988)	<0.002				
E5830243 (4381989)	<0.002				
E5830246 (4381990)	0.005				
E5830180 (4381991)	<0.002				
E5830182 (4381992)	0.007				
Comments: RDL - Reported Detection Limit Analysis performed at AGAT 1046 Gorham St, Thunder Bay, ON (unless marked by *) Insufficient Sample : IS Sample Not Received : SNR					