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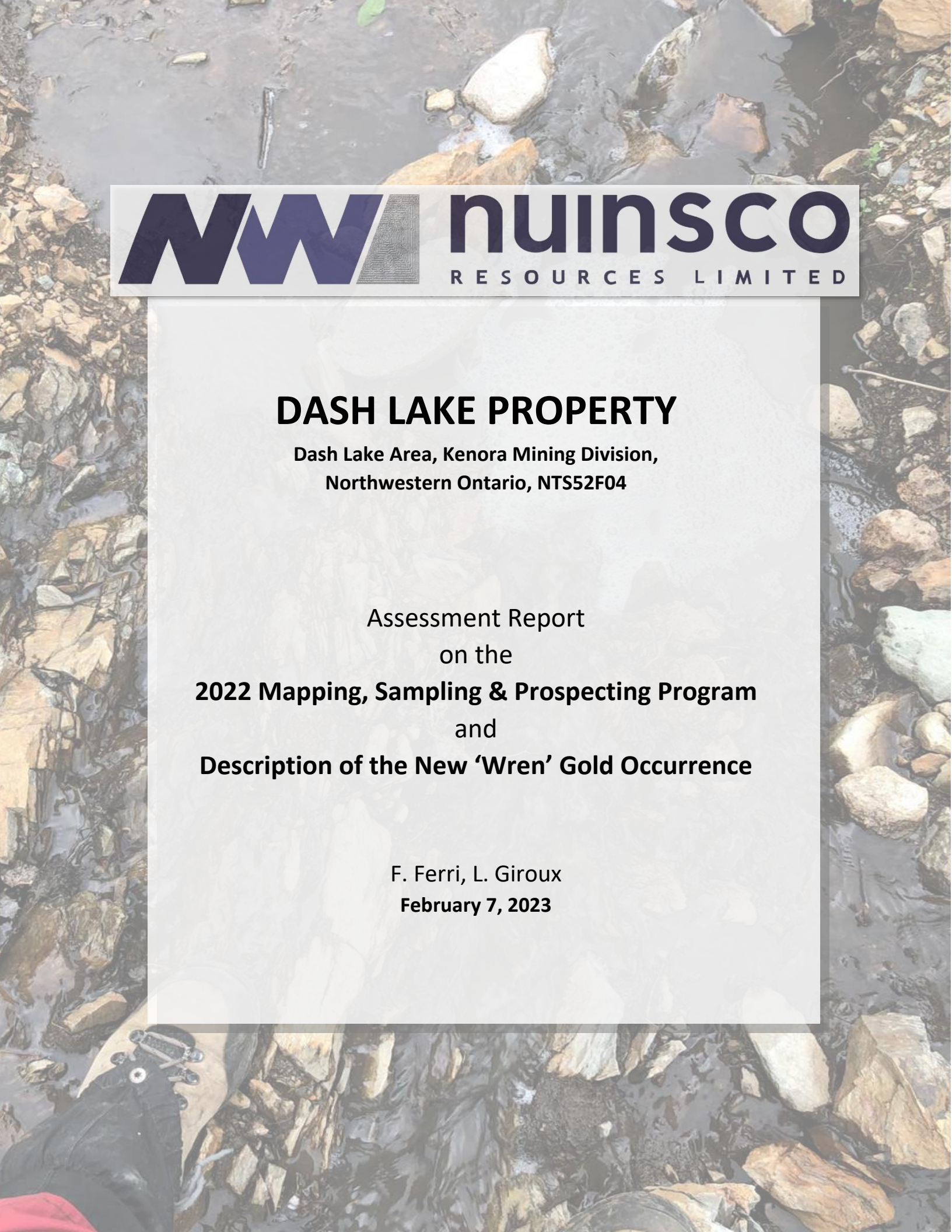

DASH LAKE PROPERTY

Dash Lake Area, Kenora Mining Division,
Northwestern Ontario, NTS52F04

Assessment Report
on the
2022 Mapping, Sampling & Prospecting Program
and
Description of the New 'Wren' Gold Occurrence

F. Ferri, L. Giroux

February 7, 2023

DASH LAKE PROPERTY, Dash Lake Area, Kenora Mining Division, Northwest Ontario, NTS52F04
Assessment Report on the 2022 Mapping, Sampling & Prospecting Program
& Description of the New 'Wren' Gold Occurrence

Summary

The Dash Lake Property was optioned by Nuinsco Resources Limited in 2021. In 2022, the Company completed two rounds of grassroots exploration, one in June and one in October, as part of its initial evaluation of the Property.

The Dash Lake property is in the Kakagi-Rowan greenstone belt of the Wabigoon Subprovince approximately 50 km NW of the town of Fort Frances. To the west the claim group straddles the contact of the Sabaskong Batholith a known locus of gold mineralization in the area and to the east the property abuts the Helena-Pipestone Lakes Fault that controls several gold occurrences locally. The little explored property is underlain by mafic to felsic metavolcanic rocks and mafic to felsic intrusions.

Numerous historic gold occurrences are situated near the Property (Bethune Lake, Dash Lake Showing) demonstrating a range of mineralization style and grades. At the Dash Lake South occurrence, located on the property, grab samples obtained from a pyrite mineralized felsic intrusion historically returned grades of up to 2.88 g/t Au.

As a result of Nuinsco's 2022 work program, a gold-bearing shear zone was discovered in the western portion of the Property. Assays of up to **1.72 g/t gold** were obtained from the new **WREN Zone**. The new zone was uncovered in an area of the Property that has seen little historic exploration. Recent logging activities have made the area more easily accessible.

The discovery of the new Wren Zone demonstrates potential for further discoveries of gold mineralization in the area covered by the Dash Lake claim group. More comprehensive mapping and prospecting in the area is recommended.

Recommended work would include additional grassroots work such as prospecting and mapping in the western portion of the Property around the intrusive contact between the Sabaskong Batholith and the mafic metavolcanics. This would include looking for an extension of the Wren Zone. Structural/lineation studies followed by ground geophysics (mag/IP) may help characterize low-lying areas covered by overburden, glacial deposits, and detritus left from logging activities.

DASH LAKE PROPERTY, Dash Lake Area, Kenora Mining Division, Northwest Ontario
Assessment Report on the 2022 Mapping, Sampling & Prospecting Program

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DASH LAKE PROPERTY, Dash Lake Area, Kenora Mining Division, Northwest Ontario
Assessment Report on the 2022 Mapping, Sampling & Prospecting Program

1.0 Introduction

The Dash Lake property is located in the Kakagi-Rowan greenstone belt of the Wabigoon Subprovince approximately 50 km NW of the town of Fort Frances. To the west the claim group straddles the contact of the Sabaskong Batholith a known locus of gold mineralization in the area and to the east the property abuts the Helena-Pipestone Lakes Fault that controls several gold occurrences locally. The property is little explored, underlain by mafic to felsic metavolcanic rocks and mafic to felsic intrusions.

Numerous historic gold occurrences are situated near and on the Property demonstrating a range of mineralization style and grades. The occurrences derive from historic work programs conducted between 1984 and 2011 and include the Hook Bay occurrence where diamond drilling returned 31.1g/t Au over 1.35m, the Dash Lake occurrence where grab samples returned assays up to 6.2g/t Au, and the Bethune occurrence with grab samples up to 30.6 g/t Au. At the Dash Lake South occurrence, located on the property, grab samples obtained from a pyrite mineralized felsic intrusion returned numerous anomalous grades up to 2.88 g/t Au.

The Property was optioned by Nuinsco Resources Limited in 2021. In 2022, Nuinsco Resources completed two rounds of grassroots exploration on the Dash Lake Property. The first round was completed from June 15th to 28th, while the second round was completed between October 24th and November 1st. The work was part of the Company's initial evaluation of the Property after optioning the Property in 2021.

Historically exploration in the area has focused on the eastern half of the Property. Active logging in the northwest portion of the Property has improved access to the western part of the Property, notably near the intrusive contact between the Sabaskong Batholith and the mafic metavolcanics.

In June 2022, three geologists spend a total of 23-person days prospecting and mapping the Property. The crew consisted of geologists F. Ferri of Victoria, BC, and L. Giroux and P. Jones of Ottawa, Ontario. Work focused on the northern portion of the property where the existing road system allows for access to several points along the northern boundary of the claim group. During the initial round of work in June, 53 samples were collected of which 14 were to be analyzed for gold only, 31 for a multi-element package only, and 8 for both packages.

In October 2022, two of the geologists spent an additional 9-person days in total completing additional mapping and prospecting on the Property. During the second round of work, 19 samples were collected to be analyzed for gold. Of the 19 samples, 13 were also submitted for a multi-element package.

In the northwestern portion of the Property, recent logging activity has significantly improved access by motor vehicle. In the north-central and north-eastern portion of the Property, historic logging trails (off

the main logging road) onto the Property were found to be significantly overgrown limiting access to by foot.

As a result of Nuinsco's 2022 work program, a gold-bearing shear zone was discovered in the western portion of the Property. Assays of up to **1.7 g/t gold** were obtained from the new **WREN Zone**. The new zone was uncovered in an area of the Property that has seen little historic exploration and is now more easily accessible due to recent logging activities.

All coordinates provided in the report are given in a NAD 83 zone 15 projection. Units are metric unless otherwise specified. Historic references may be presented in imperial units.

2.0 Property Location, Access, and Ownership

Property Location and Access

The Dash Lake property ('Property') (Figure 2) is situated in Northwestern Ontario, in the Kenora Mining Division. The Property is located within NTS map sheet 52F04 and is centred at approximately 5,436,000N, 453,500E (UTM NAD83 zone 15).

The Dash Lake property is situated approximately 15-20 km E-SE of the town of Nestor Falls, Ontario, and 50 km NW of the town of Fort Frances, Ontario. The Cameron Deposit is located 24km to the north and the Rainy River Mine is 38km to the SW.

The north side of the Property is accessible by the Trilake-Pipestone Road off Highway 71 at Nestor Falls. A permit is required to use the road between January 1st and September 30th, which can be obtained by contacting the Ministry of Natural Resources.

The existing road system allows for access to several points along the northern boundary of the claim group. In the northwestern portion of the Property, recent logging activity has significantly improved access by motor vehicle. In the north-central portion of the Property, historic logging trails (off the main logging road) onto the Property are significantly overgrown limiting access to by foot.

There is no road access to the southern half of the claim group, which would be better accessed via floatplane/helicopter.

Property Ownership

The Dash Lake Property ('Property') is composed of nine (9) multi-cell mining claims (MCMC) consisting of 121 cells (Table 1). The Property encompasses an area of 24.5 square kilometres.

The Property was optioned by Nuinsco Resources Limited in early 2021. The terms of the option required a cash payment of $10,000 on signing the agreement with subsequent payments of $20,000, $25,000, and $30,000 to the claim owners in years two, three and four. A share issuance of 1.4 million common shares of the Company was also due to the vendors upon signing. The property is subject to a 1.5% net smelter return royalty (the "**Royalty**") which the Company has the right to purchase 0.5% of for $500,000.

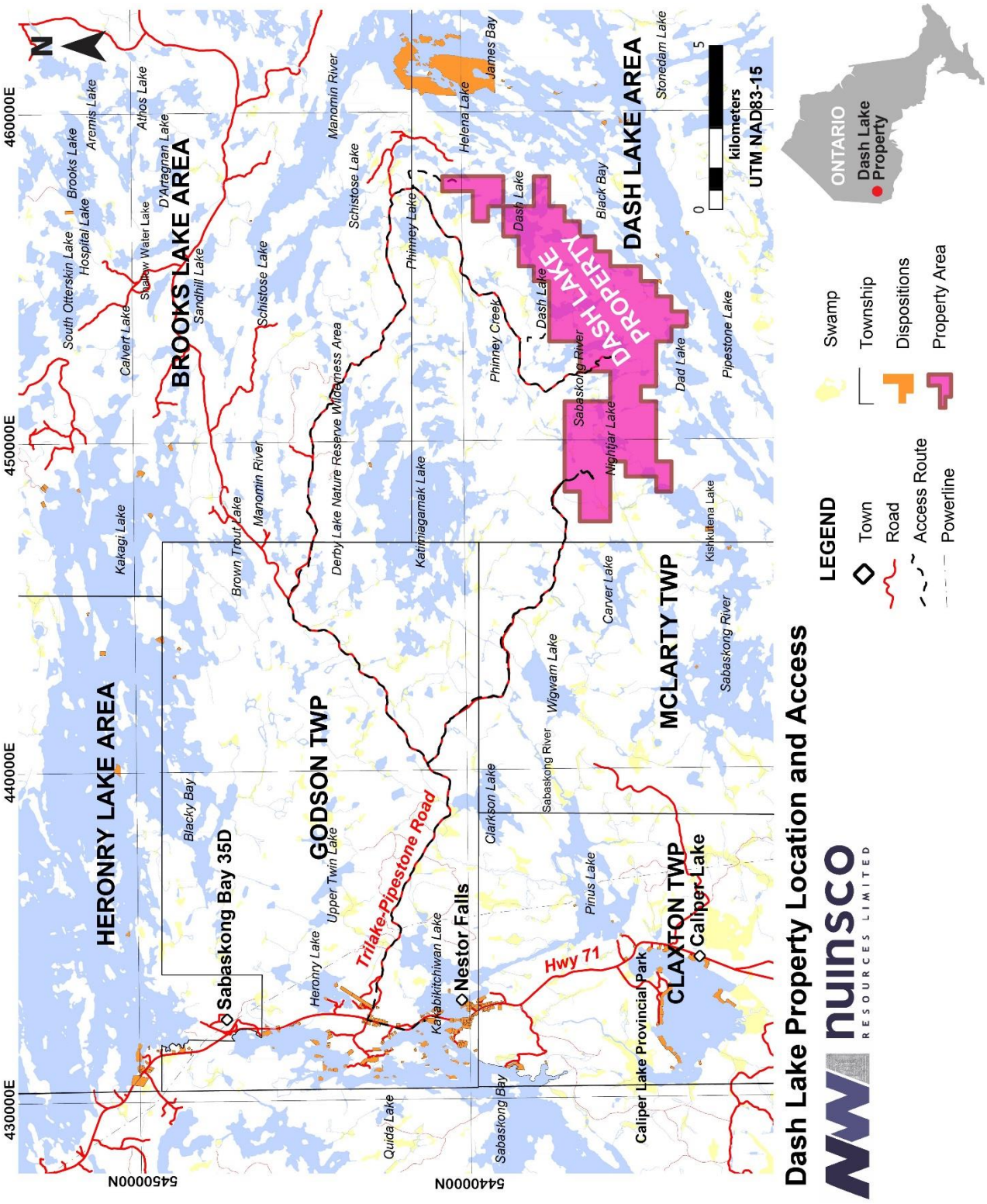

Figure 1. Property Location

Table 1. Dash Lake Property - List of Multi-Cell Mining Claims

Claim No.	Type*	Status	Issue Date	Anniversary Date	Holder	Original Owner Client No.	No. of Cells	Work Required ($)	Township
638922	MCMC	Active	2021-02-21	2023-02-21	(10004221) Solstice Gold Corp	(10002746) Gravel Ridge Resources Ltd.	24	9600	Dash Lake Area
638920	MCMC	Active	2021-02-21	2023-02-21	(10004221) Solstice Gold Corp	(10002746) Gravel Ridge Resources Ltd.	23	9200	Dash Lake Area
638923	MCMC	Active	2021-02-21	2023-02-21	(10004221) Solstice Gold Corp	(129617) PERRY ENGLISH	25	10000	Dash Lake Area
638921	MCMC	Active	2021-02-21	2023-02-21	(10004221) Solstice Gold Corp	(129617) PERRY ENGLISH	22	8800	Dash Lake Area
639505	MCMC	Active	2021-02-24	2023-02-24	(10004221) Solstice Gold Corp	(10002746) Gravel Ridge Resources Ltd.	10	4000	Dash Lake Area
639453	MCMC	Active	2021-02-24	2023-02-24	(10004221) Solstice Gold Corp	(10002746) Gravel Ridge Resources Ltd.	4	1600	Dash Lake Area
639452	MCMC	Active	2021-02-24	2023-02-24	(10004221) Solstice Gold Corp	(10002746) Gravel Ridge Resources Ltd.	2	800	Dash Lake Area
639451	MCMC	Active	2021-02-24	2023-02-24	(10004221) Solstice Gold Corp	(10002746) Gravel Ridge Resources Ltd.	4	1600	Dash Lake Area
639760	MCMC	Active	2021-02-26	2023-02-26	(10004221) Solstice Gold Corp	(129617) PERRY ENGLISH	7	2800	Dash Lake Area

*MCMC = Multi Cell Mining Claim

Permitting and Annual Work Requirements

The Property has an annual work requirement of $48,400. There are currently no reserves on the property.

To date, work has consisted of grassroots exploration, sampling, and mapping and has not required an Exploration Plan or Permit. Obtaining a permit would be a next step in moving the project forward.

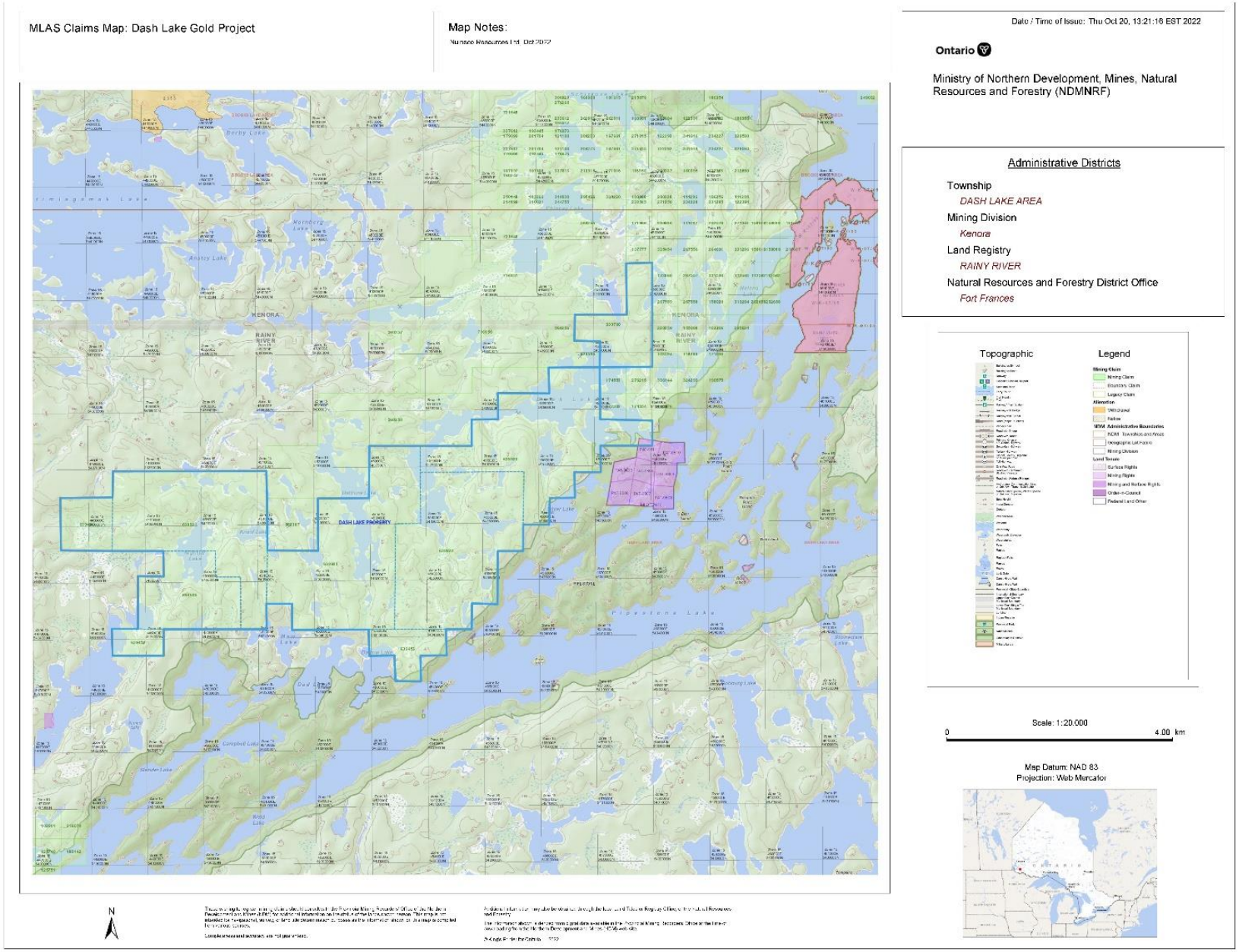

Figure 2. Claim Map

(See Appendix A for full scale version)

3.0 Exploration History

The following list is a summary of historic work programs performed on land which is part of Nuinsco's current Dash Lake Property. References to corresponding assessment reports are included in Section 8:

1970: Freeport Canadian Exploration Company contracted an airborne electromagnetic-magnetic survey in the Straw Lake, Manitou, and Eagle Lake areas. The survey included the northeast part of Dash Lake. No significant results were obtained.

1981: Dash Lake Resources contracted Ager, Berretta & Associates Inc. for an Aerial VLF electromagnetic survey north of Pipestone Lake. The survey covered the most north-easterly part of the current Dash Lake property.

1998-2000: Chute and Associates performed a detailed program of prospecting, linecutting, geological mapping, and sampling over two claims covering Dash Lake. The work area extends off the current Dash Lake Property. Seven gold anomalies were identified by the geochemical surveying – two with coincidental zinc anomalies. Gold values of up to 1990 ppm were obtained. Gold mineralization in the Dash Lake area was associated with extensive zones of disseminated pyrite, hydrothermal alteration, and structural displacement within the rhyodacites.

2002-05: Chute and Associates performed additional mapping and sampling on the 32-hectare property as part of the continuing lithogeochemical study of the Dash Lake felsic sequence. Petrographic studies were also undertaken.

2006: Western Warrior Resources Inc contracted Aeroquest Limited for a helicopter borne AeroTEM III electromagnetic and magnetic survey. The survey included the two claims over Dash Lake originally held by Michael Chute and extended to the north of Dash Lake.

2006-07: Western Warrior Resources Inc drilled five diamond drill holes in a helicopter supported drilling program. One hole, DL06-05, was drilled entirely within the current property area. The hole intersected anomalous gold values of 40 to 210ppb Au in altered felsite from 51.94-58.0m.

Western Warrior also collected 250 rock samples from a reconnaissance prospecting program over their larger property area. A peak gold assay of 2.88 g/t (sample 6629) was obtained from the same area as drill hole DL06-05. The occurrence has been named 'Dash Lake North' (MDI000000002114).

2008: Western Warrior contracted a high resolution airborne magnetic survey over the Pipestone Lake area. The survey covered a large property area of 85,111 hectares, which included most of Nuinsco's current Dash Lake Property.

2010: Soldi Ventures Inc contracted Geotech Ltd for an airborne VTEM electromagnetic and magnetic survey. The survey covered six (6) survey blocks over five (5) separate properties. Survey blocks C and D (the Dash Lake Claims) cover all but the northwest corner of the current Dash Lake Property. Thirty-nine (39) VTEM conductors were identified on the Soldi Ventures property, including six (6) short conductors within the boundary of the current Dash Lake Property.
The magnetic survey was found to successfully delineate structure across the property highlighting a series of east-west faults.

2011: Soldi Ventures Inc carried out a program of prospecting, sampling, and assaying to follow up on the results of the VTEM survey and explore for new gold occurrences. Two occurrences were recognized.:

The 'Dash Lake South' occurrence (MDI000000002426) where an assay of 0.529 g/t Au (1084509) was obtained from a porphyritic phase of the felsic intrusive with disseminated pyrite. Another nearby sample (1084645) assayed 0.195 g/t Au.

The 'Dash Lake Gold Showing' (MDI000000002427) – which is outside of Nuinsco's property – occurs at the southwestern shore of a small bay on Dash Lake. Grab samples from a shelf of quartz-phyric intrusive containing a band of heavy disseminated pyrite assayed 6.262 g/t Au (1084617). Three samples of the porphyritic intrusive with lesser disseminated pyrite assayed 0.711, 0.559 and 0.058 g/t Au.

4.0 Regional and Property Geology

The Dash Lake Property lies within the Kakagi-Rowan greenstone belt of the Wabigoon Subprovince (Figure 3, Blackburn et al, 1991). The area is covered by the Bethune Lake geological map sheet (Map 2430, Edwards, 1983),

The western part of the property near Nightjar Lake (Figure 2) has seen very little historic exploration aside from regional geophysical surveys. The area is underlain by the Sabaskong Batholith and includes the intrusive contact between the Sabaskong Batholith and the mafic metavolcanics. The metavolcanic belt forms a broad anticline (Nightjar Lake Anticline) around the Sabaskong Batholith. The metavolcanics consist primarily of pillowed mafic volcanics, and coarse-grained and porphyritic mafic volcanic flows. The batholith consists of coarse-grained hornblende-biotite trondhjemite, quartz-feldspar porphyry, and felsite.

The central part of the property consists of Katimiagamak Group mafic intrusives and metavolcanics, and intravolcanic plutonic rocks (Dash Lake Stock).

The eastern portion of the property is underlain by felsic and intermediate metavolcanics, and Phinney-Dash Lake Complex porphyry. This is the area of the Property most covered by historic exploration programs.

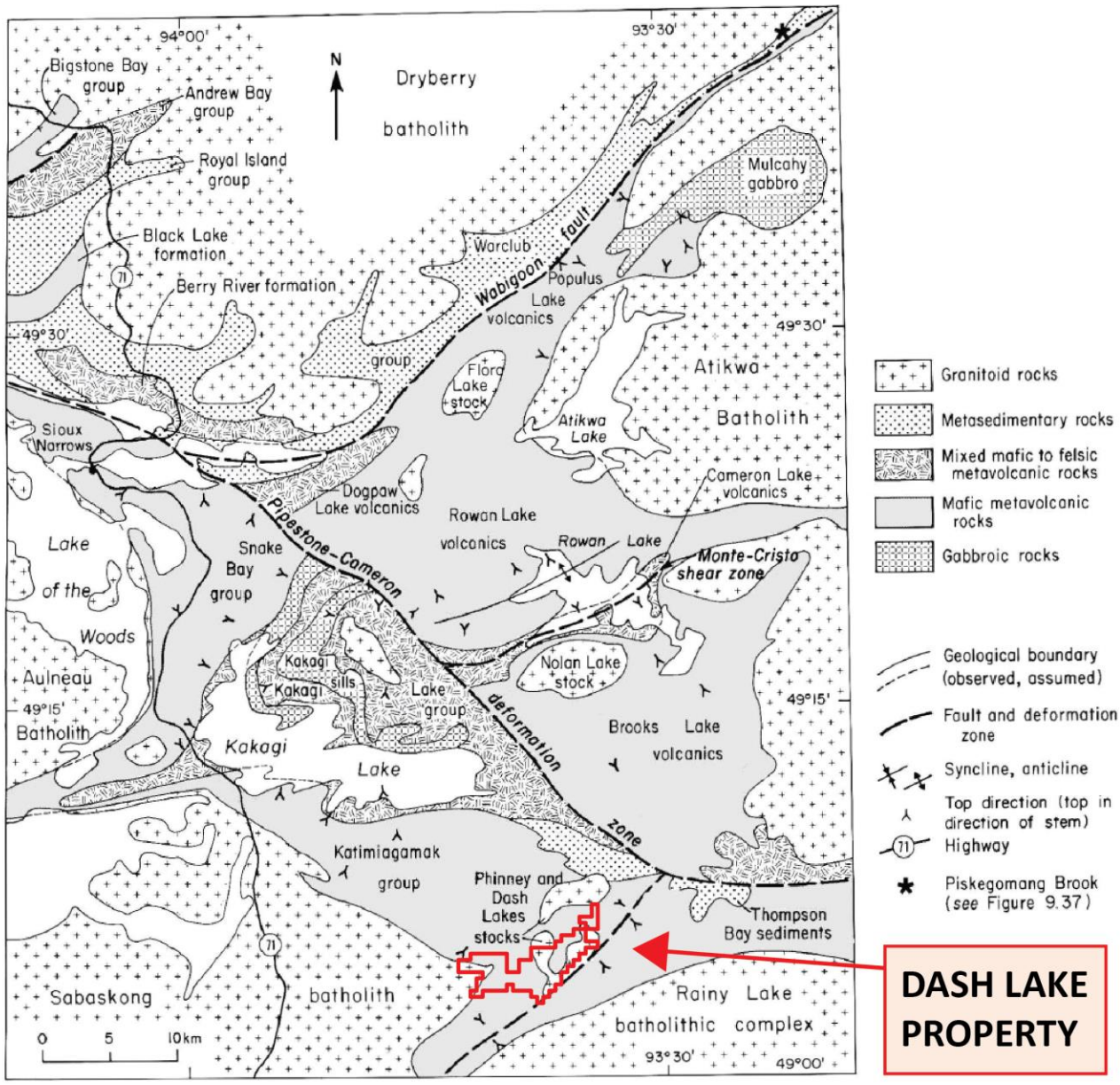

Figure 3. Regional Geology, Kakagi-Rowan Lakes Greenstone Belt.
(Blackburn et al, 1991)

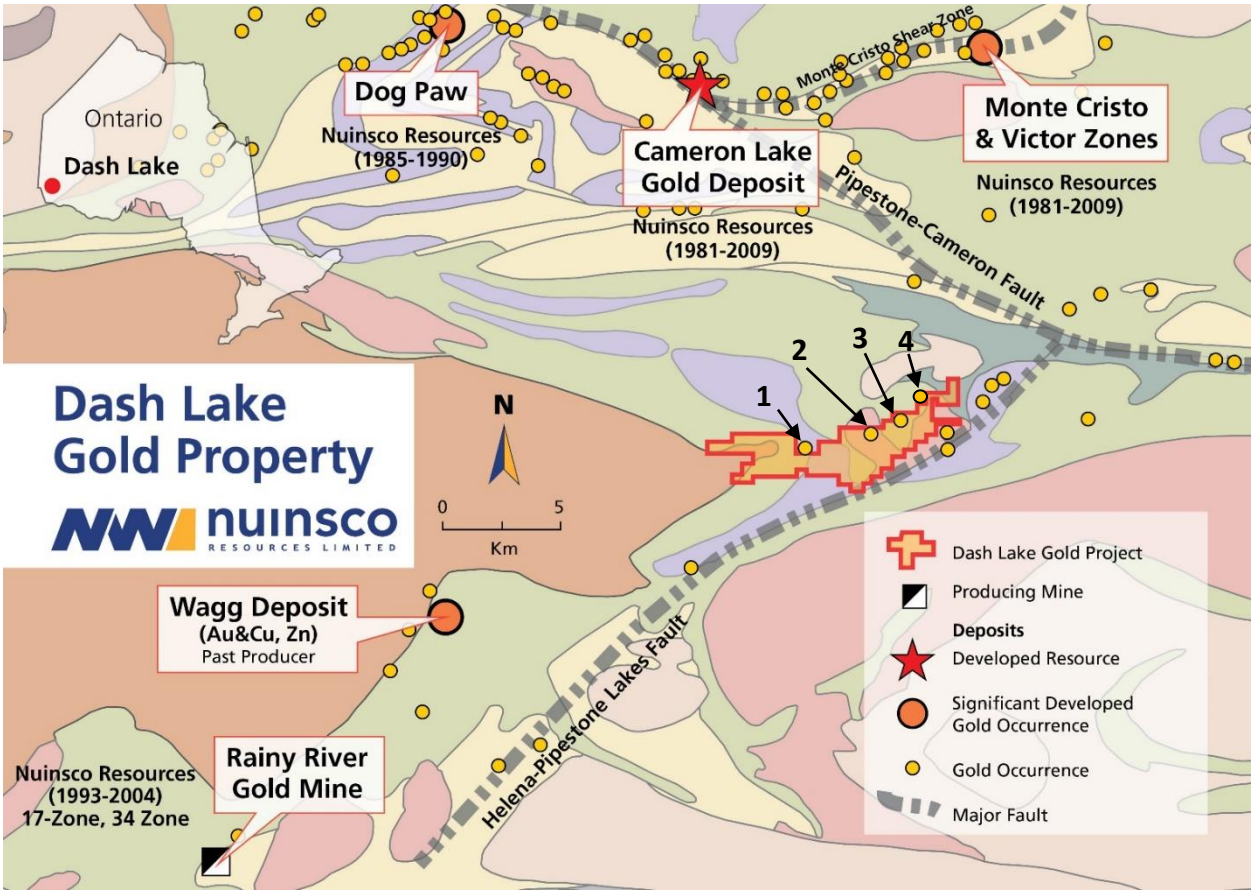

Figure 4. Regional Gold Deposits and Occurrences
(1=Bethune, 2=Dash Lake South, 3=Dash Lake North, 4=Dash Lake Showing)

There are two known gold occurrences on Nuinsco's Dash Lake Property:

- **Dash Lake North**
  Identified by Western Warrior Resources Inc during a reconnaissance prospecting program in 2006. A peak gold assay of 2.88 g/t was obtained from a rock grab sample (sample 6629). Drill hole DL06-05, drilled in the same area, intersected anomalous gold values of 40 to 210 ppb Au in altered felsite from 51.94 to 58.0 metres. MDI000000002114.

- **Dash Lake South** (MDI000000002426)
  Identified by Soldi Ventures Inc in 2011 during a prospecting and sampling program which followed a VTEM-Mag survey completed in 2010. An assay of 0.529 g/t Au (1084509) was obtained from a porphyritic phase of the felsic intrusive with disseminated pyrite. Another nearby sample (1084645) assayed 0.195 g/t Au. MDI000000002426.

There are also two known gold occurrences which occur off, but near to, Nuinsco's Dash Lake Property:

- **Bethune**

  The gold occurrence was described by Thompson (1936):

  "…The showing consists of a quartz vein, which lies between a quartz porphyry dike and massive greenstone. The largest exposure of the vein is 110 feet in length and from 3 to 16 inches in width. To the west this exposure disappears under a swamp, but some quartz occurs along the strike to the east. The basaltic wall rock is slightly mineralized but the porphyry is not. The porphyry is cut by small unmineralized quartz stringers. Two kinds of quartz are found in the vein, a white sugary variety, which contains rather fine visible gold, and a dark coloured quartz, which is mineralized with pyrite and chalcopyrite along fractures. Five channel samples across 2 feet, at intervals over a length of 200 feet, are reported to show from 0.02 to 0.98 ounces gold per ton."

- **Dash Lake Gold Showing**

  Located at the southwestern shore of a small bay on Dash Lake. An error was corrected recently in the MDI system which had incorrectly placed the showing on the western portion of Nuinsco's Dash Lake Property – away from Dash Lake.

  The area was prospected and sampled by Western Warrior Resources Inc in 2007. In 2011, Soldi Ventures Inc collected grab samples from a shelf of quartz-phyric intrusive containing a band of heavy disseminated pyrite which assayed 6.262 g/t Au (1084617). Three samples of the porphyritic intrusive with lesser disseminated pyrite assayed 0.711, 0.559 and 0.058 g/t Au. MDI000000002427.

5.0 2022 Exploration Program

In 2022, Nuinsco Resources completed two rounds of grassroots exploration on the Dash Lake Property. The first round was completed from June 15th to 28th, while the second round was completed between October 24th and November 1st. The work was part of the Company's initial evaluation of the Property after optioning the Property in 2021.

In June 2022, three geologists spend a total of 23-person days prospecting and mapping the Property. The crew consisted of geologists F. Ferri of Victoria, BC, and L. Giroux and P. Jones of Ottawa, Ontario. The crew obtained accommodations at Canadian Haven cabins in the nearby town of Nestor Falls, Ontario.

A permit was obtained to use the Trilake-Pipestone Road to access the north side of the Property from Highway 71 at Nestor Falls. Work focused on the northern portion of the property where the existing road system allows for access to several points along the northern boundary of the claim group.

In the northwestern portion of the Property, recent logging activity has significantly improved access by motor vehicle. In the north-central and north-eastern portion of the Property, historic logging trails (off the main logging road) onto the Property were found to be significantly overgrown limiting access to by foot.

During the initial round of work in June, 53 samples were collected of which 14 were to be analyzed for gold only, 31 for a multi-element package only, and 8 for both packages.

In October 2022, two geologists spent an additional 9-person days in total completing additional mapping and prospecting on the Property. The crew consisted of geologists F. Ferri of Victoria, BC and P. Jones of Ottawa, Ontario. Again, the crew obtained accommodations at Canadian Haven cabins in the nearby town of Nestor Falls. At this time of year, no road permit was required to use the Trilake-Pipestone Road.

During the second round of work in October, 19 samples were collected to be analyzed for gold. Of the 19 samples, 13 were also submitted for a multi-element package.

Daily logs for the crew are provided in Appendix B.

6.0 Results of the Geological Mapping and Sampling

6.1 Geological Mapping of the Dash Lake Property

Four areas within the Dash Lake property were mapped over 11 days during the summer and fall of 2022 (Figure 5). These regions occur along the northern perimeter of the property and were focused on the western, central, and eastern ends of the property (Appendix E, Maps 1,2,3). Generally, rocks encountered during the summer belong to the Katimiagamak group (Blackburn et al., 1991), and include mafic metavolcanics and associated gabbro intrusions (Appendix E, Maps 1&2). A series of intermediate to felsic clastic metavolcanic rocks occur in the east and are likely comagmatic intrusive rocks assigned by Edwards (1983) to the Phinney-Dash Lake Complex. The Katimiagamak group is intruded in the western part of the property by tonalite (trondhjemite) belonging to the extensive Sabaskong Batholith and by tonalite (trondhjemite) of the Dash Lake Stock in the central part of the project area.

The mafic volcanics of the Katimiagamak group are believed to be the oldest rocks in the area (Edwards, 1983). These tholeiitic volcanics are intruded by gabbro (Unit 4) dated at 2731+4/-2.9 Ma (Davis and Edwards, 1986), although gabbro appears to grade into the mafic metavolcanics locally. Intruding and overlying the Katimiagamak group volcanics are rocks of the Phinney-Dash Lake Complex which have yielded an age of 2727.7 +/- 1.1 Ma (Davis and Edwards, 1982). The Sabaskong Batholith likely has an age of 2723.2+/- 1.8 Ma (Davis and Edwards, 1986).

Whole rock geochemistry analysis defines the basaltic nature of the Katimiagamak volcanics and displays the similar chemical abundances of the other mafic units in the area suggesting a common origin (Appendix E, Map 2). Extrusive and intrusive rocks of the Phinney-Dash Lake Complex display similar relationships supporting a genetic link between the two packages. REE patterns show a more evolved signature for rocks of the Phinney-Dash Lake Complex, suggesting a volcanic-arc origin. The flat signature for the mafic metavolcanics and associated intrusive rocks, suggests a MORB-like signature, although the more abundant LREE indicates other influences (plume, back-arc).

6.1.1 Katimiagamak group

The Katimiagamak group has been subdivided into three mappable units within the property (Appendix E, Maps 1&2). It is predominantly mafic metavolcanics that can be split into a plagioclase-phyric phase along the western margin of the property (Map E-1). These dark grey volcanics are dark green to brown weathering and are dominated by massive, aphanitic flows. Pillow structures and flow top breccia are locally developed (Figure 7a). The plagioclase-phyric phase displays very similar overall features except that it contains up to 30 per cent white plagioclase crystals to masses up to 3 cm in size (Figures 7b, c). Metabasalt locally grades into a micro-crystalline to fine grained texture resembling gabbro. These rocks are very similar in appearance to the gabbro that intrudes this unit (Map E-2).

Several small occurrences of coarse grained pyroxenite were observed within the metavolcanics. These are dark green in colour and massive. They were only observed within the western part of the property (Map E-1).

6.1.2 Gabbro

Several large bodies of gabbro occur west of Bethune Lake (Map E-2). These consist of massive to locally foliated dark greenish-grey, very fine to medium crystalline gabbro. It typically contains equal proportions of feldspar and pyroxene. As described previously, gabbro of this unit resembles finely crystalline gabbro found within metavolcanics of the Katimiagamak group.

6.1.3 Phinney-Dash Lake Complex – Extrusive Phase

Extrusive rocks of the Phinney-Dash Lake Complex are dominated by clastic rocks that are intermediate to felsic in composition (Figure 6). This unit is poorly exposed along the northeastern margin of the property. Tuff is pale grey and beige to brown weathering and can contain lapilli of white feldspar or grey lithic fragments up to 1 cm in size. Bedding was observed within interbedded fine ash tuff, and a foliation is developed locally.

The southern part of this package is dominated by beige to cream pyroxene-phyric volcanic breccia with white clasts up to 10 cm set in a darker matrix (Figure 7d). The southern extent of volcanic breccia is intruded by a pale grey, greenish-grey weathering, medium to coarsely crystalline quartz-plagioclase-pyroxene quartz diorite to tonalite. The similar chemical composition with the volcaniclastics suggests it is co-magmatic.

6.1.4 Phinney-Dash Lake Complex – Intrusive Phase

A few poor outcrops of pale grey, beige weathering plagioclase-phyric intrusive was observed north of the extrusive rocks of the Phinney-Dash Lake Complex (Figure 6). This lithology contains 50 to 60 % plagioclase up to 3 mm and minor (<5%) mafic (hornblende?) phenocrysts set in a siliceous matrix. Chemical compositions suggest these are co-magmatic with the volcaniclastics.

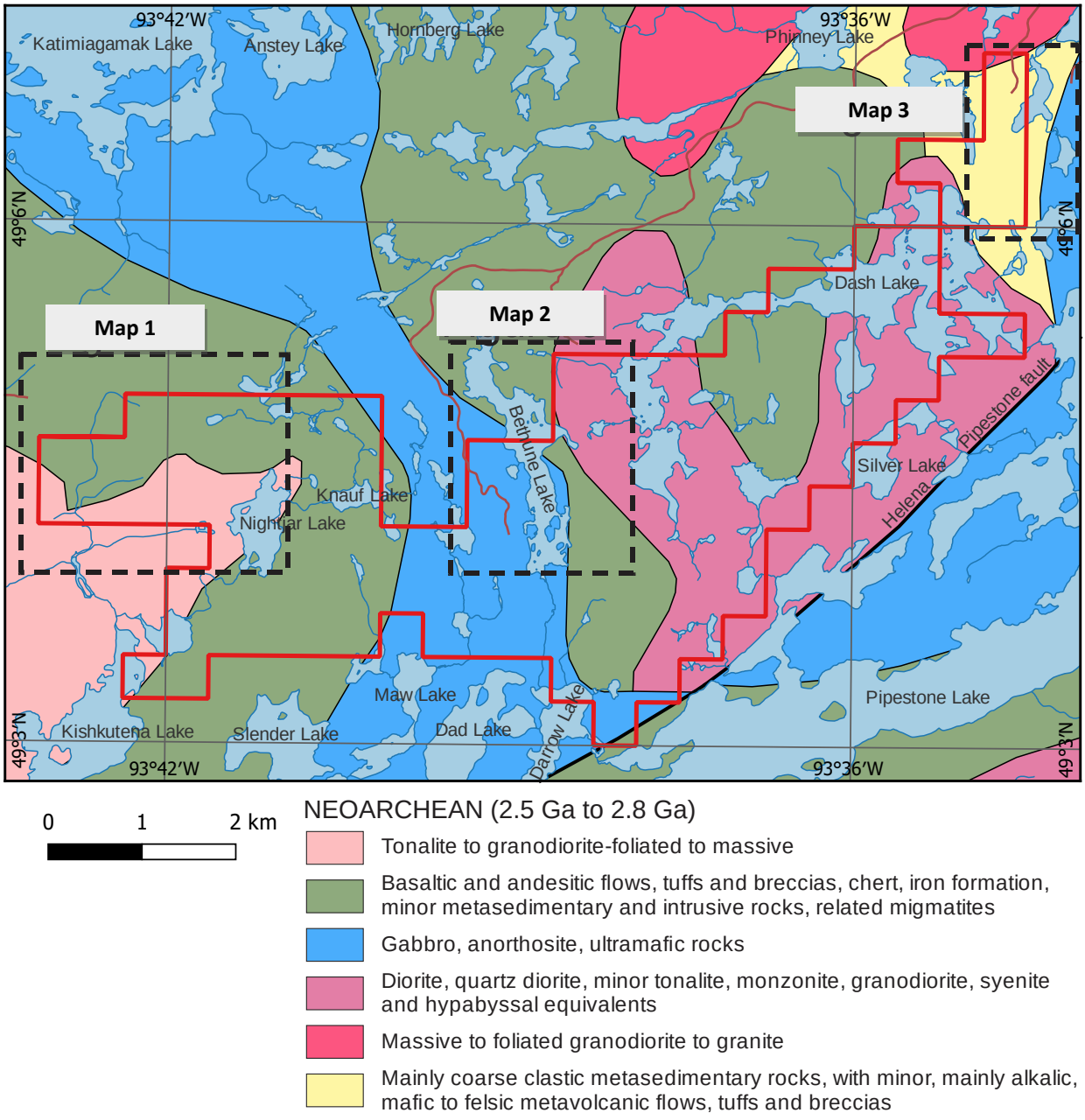

Figure 5. Dash Lake Property geology map showing outline of the Dash Lake Property together with the location of areas mapped in 2022. Maps can be found in Appendix E. Geology from Ontario Geological Survey, 2011.

6.1.5 Sabaskong Batholith

The western margin of the property contains the eastern-most extent of the Sabaskong Batholith. This unit is described as a trondhjemite by Edwards (1983), but the mafic content suggests it is dominantly a tonalite with granodiorite developed locally. It intrudes the Katimiagamak group with typically a sharp contact although in the eastern-most part metavolcanics of the Katimiagamak group are brecciated in intruded by finer grained dykes of the tonalite. Small stocks and dykes of this unit are found within the Katimiagamak group volcanic rocks.

This unit is predominantly pale grey to grey or tan, medium to coarsely crystalline containing 40 to 65% plagioclase, 20 to 30% quartz and 10 to 30% biotite ± hornblende (Figure 7e). Up to 20% potassium feldspar is locally observed. Quartz porphyry is developed along the southern end of the property and the low mafic content and light colour would fit better with a trondhjemitic label (Figure 7f).

6.1.6 Dash Lake Stock

Rocks of the Dash Lake Stock were encountered between Bethune and Dash lakes (Figure 6) and modal abundances suggest it is tonalitic in composition. Where observed, the intrusive is porphyritic, ranging from a light quartz-hornblende porphyry near its contact with mafic metavolcanics of the Katimiagamak group to a quartz-plagioclase-hornblende porphyry to the southeast. Quartz-porphyry was seen just north of the property. Quartz and plagioclase phenocrysts increase in size and abundance away from the metabasalt, ranging from 3 to 10 mm. Quartz varies from 5 to 20% and plagioclase from 0 to 30%. Hornblende can form acicular crystals up to 5 mm and comprise 0 to 20% of the rock. The matrix is finely crystalline quartz and plagioclase and makes up to 30 to 95% of exposures.

6.1.7 Structure

Although the property is bounded to the south by the northeast-trending Helena-Pipestone Lakes fault (Figure 5), no features were observed within mapped areas that could be attributed to splays of this structure. Bedding, foliation, and small shear zones trend northwesterly in the central and eastern part of the map area, paralleling the large structures outlined by the large gabbro intrusives between Bethune and Nightjar lakes. Foliations and bedding are very steep within the Katimiagamak group. To the east, bedding trends easterly and is more moderate in inclination.

The most significant shear zone observed is found at the WREN showing and consists of sheared mafic metavolcanics of the Katimiagamak group displaying both carbonate and siliceous alteration across a width of approximately 10 metres (Map E-1, Figures 8,9). Although there is considerable glacial cover in the area, a second outcrop of metavolcanics containing shearing of similar orientation is found about 100 m to the northwest and is believed to be an extension of this structure. Metavolcanics to the southeast of the WREN showing also display similarly oriented shearing and may be a southern extension of the shear zone.

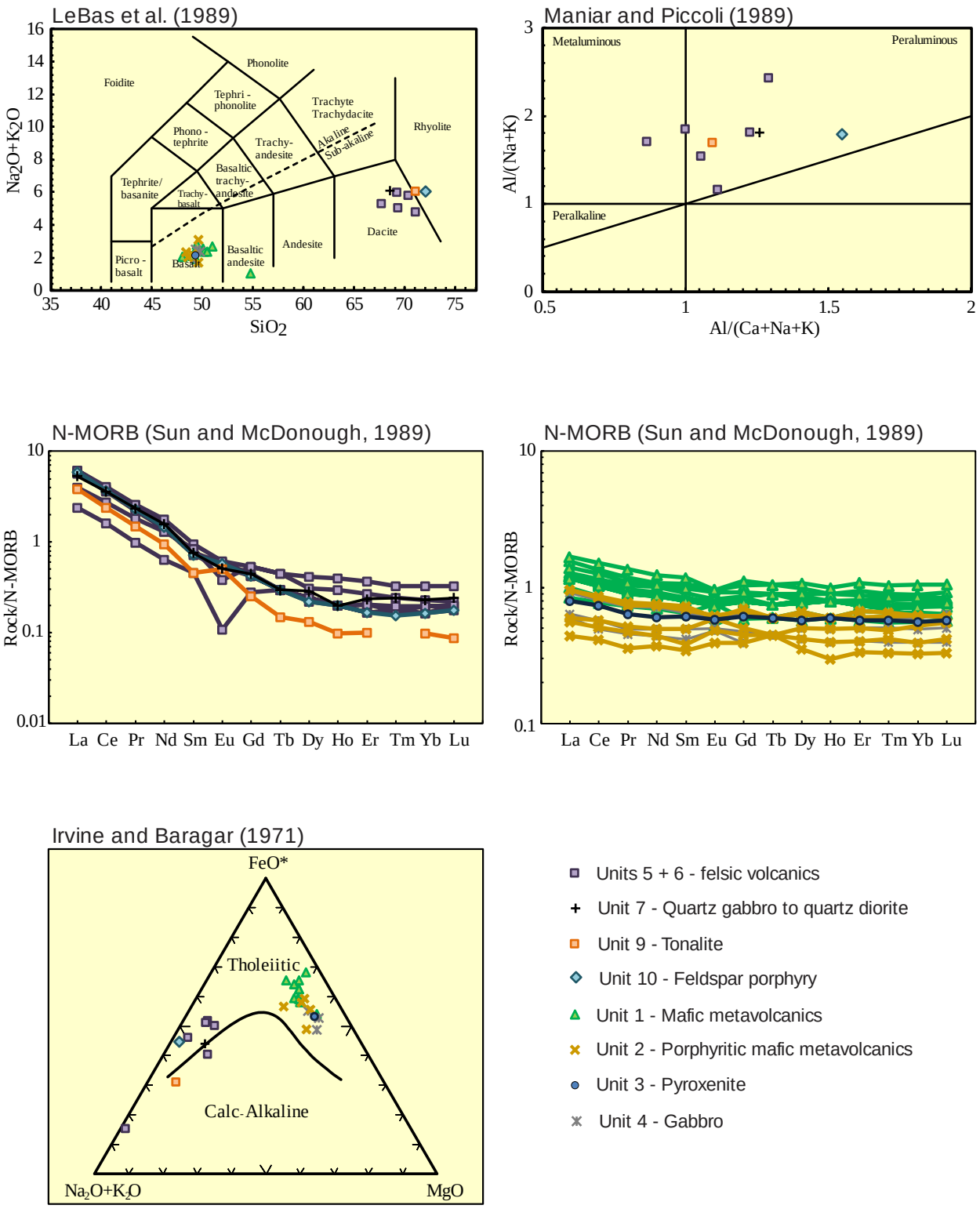

Figure 6. Select lithogeochemistry plots of various volcanic and intrusive rocks in the Dash Lake area.

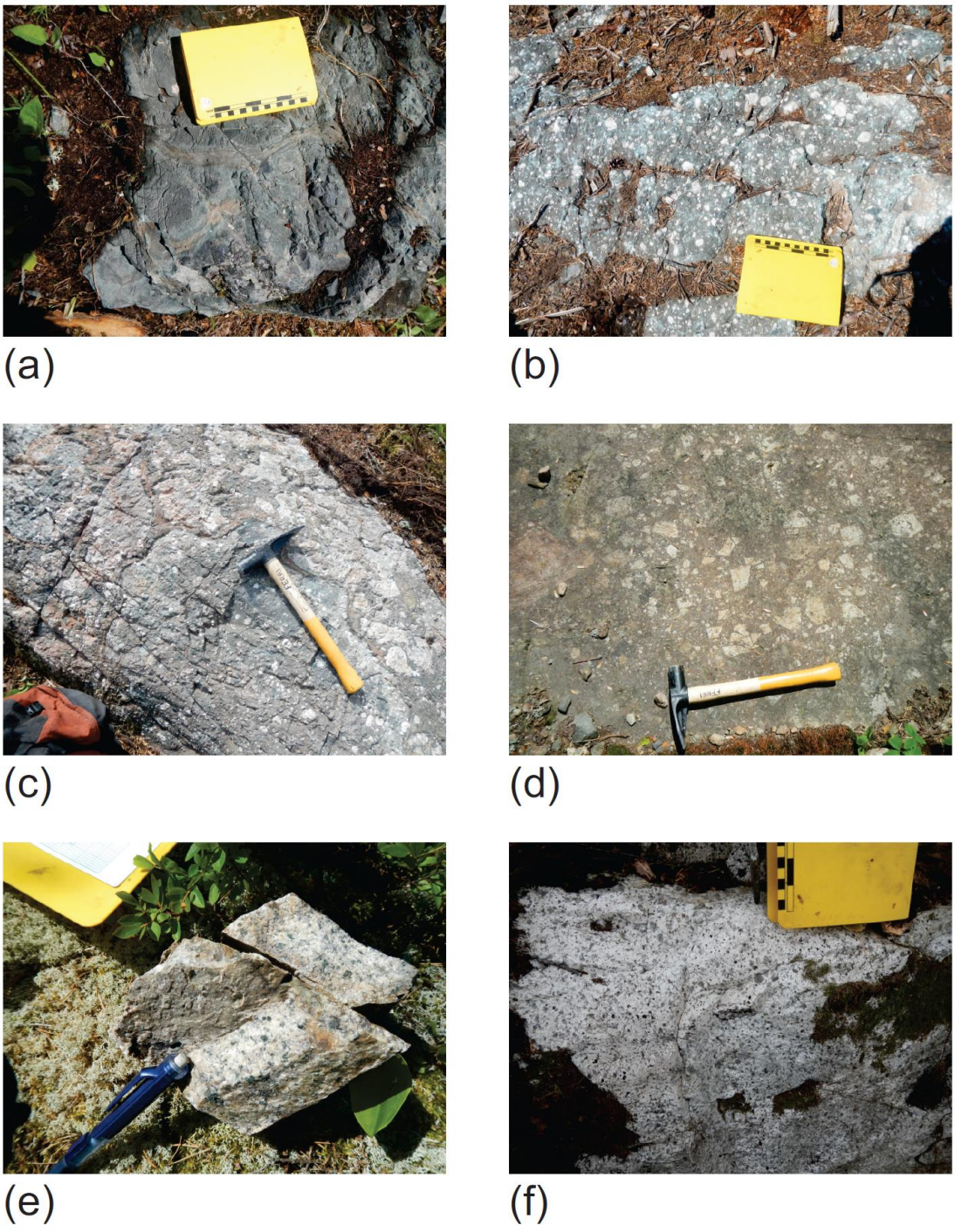

Figure 7. Field Photographs: (a) Mafic metavolcanics of the Katimiagamak group displaying pillow selvages. (b) Plagioclase porphyritic mafic metavolcanics of the Katimiagamak group. Some of the phenocrysts are up to 3 cm and consist of plagioclase clusters. (c) Plagioclase porphyritic mafic metavolcanics of the Katimiagamak group displaying pillow selvages. (d) Intermediate to felsic matrix supported pyroxene-phyric volcanic breccia within the Phinney-Dash Lake Complex. (e) Example of tonalite from the Sabaskong Batholith. (f) Quartz-porphyritic phase within the Sabaskong Batholith.

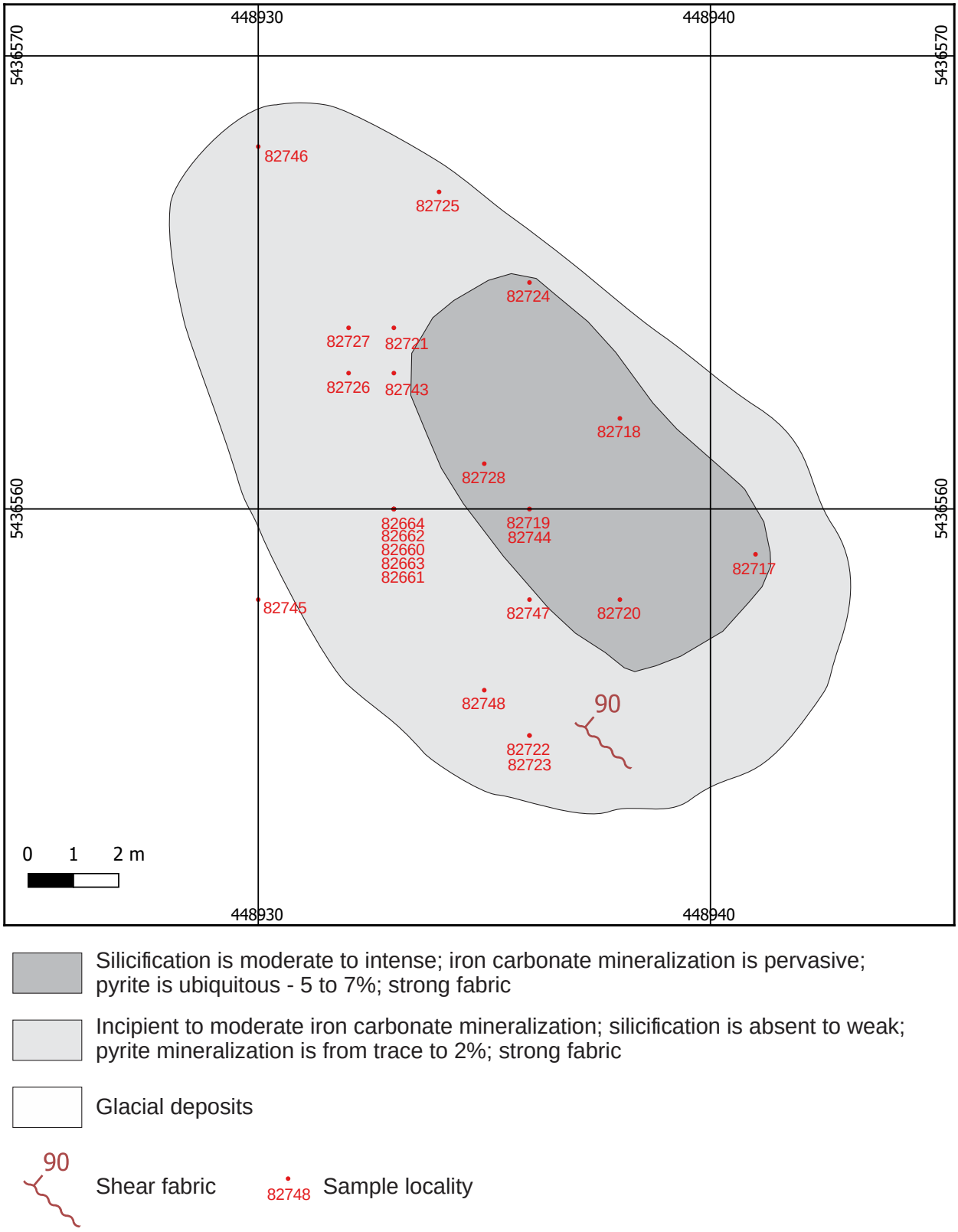

Figure 8. Map of the alteration zones across the WREN showing together with the sample localities.

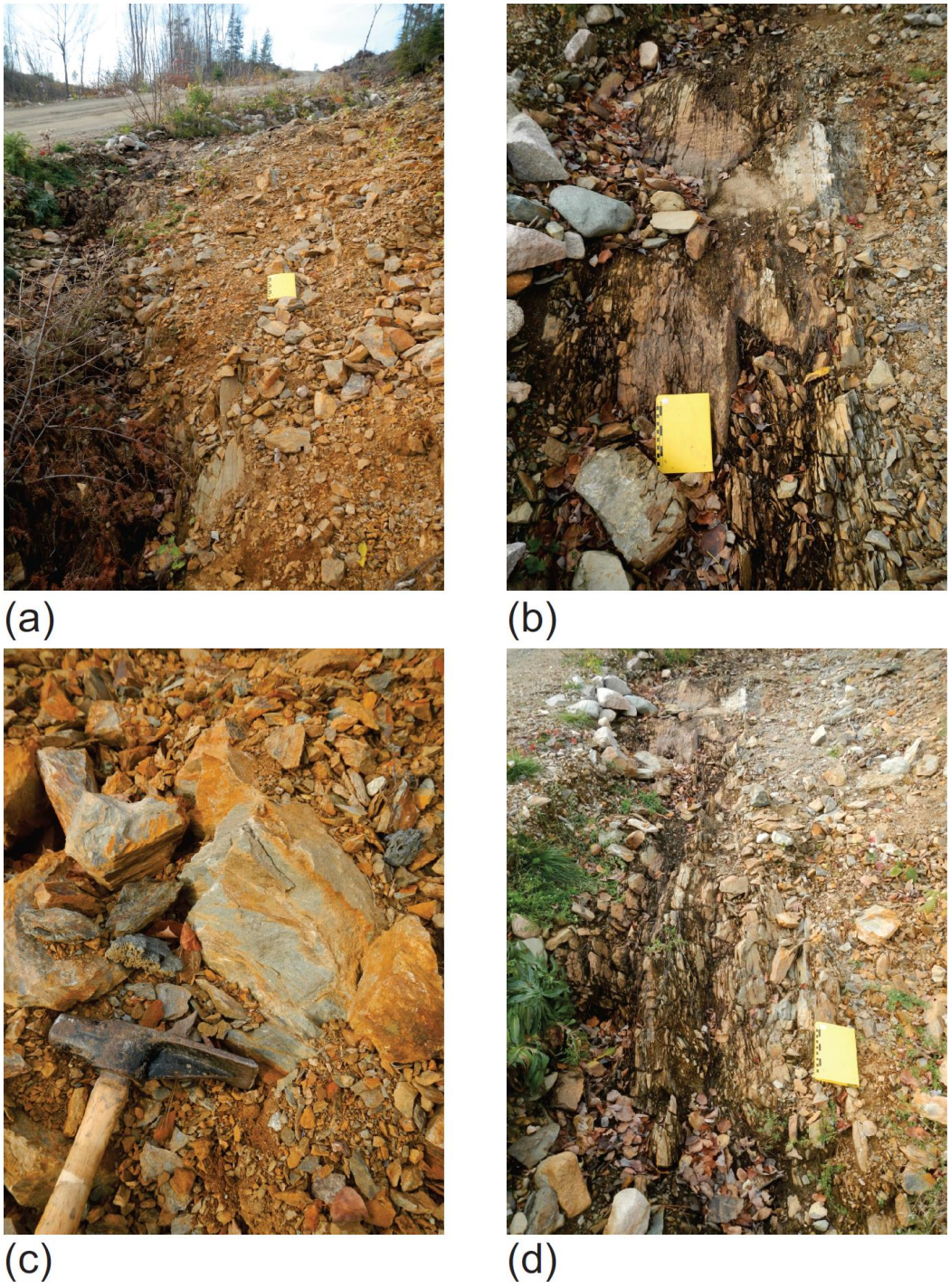

Figure 9. Field Photographs – Wren Zone: (a) Looking northwest along the strike of the shear zone within the WREN showing the distinctive rusty weathering of the mineralization. (b) Close up of sheared metavolcanics within the centre of the shear zone. (c) Close up of silicified and carbonatized metavolcanics with up to 5% or more of disseminated pyrite. (d) Close up of sheared metavolcanics from the western margin of the shear zone.

6.2. Gold Analytical Results – Wren Zone

Two batches of samples submitted, one from the June work program and one from the October program. Analytical results for the first batch (A22-09073) were received in August 2022. Finalized results from the second batch (A22-16847) of samples were not received in time to be included in this report. Sample locations as well as the preliminary gold assays provided by the laboratory have been included in the report. Analytical costs have not been included and may be filed for assessment later.

Samples were submitted to Activation Laboratories (Actlabs) in Thunder Bay, Ontario to be analyzed for their gold content and a multi-element package.

The samples were analyzed by fire assay (FA-AA code 1A2) which has a lower detection limit of 5ppb Au and upper limit of 5000ppb Au.

Samples were also analyzed for the 4Litho multi-element package. The 4Litho package includes digestion of the samples by lithium metaborate/tetraborate digestion (HF-HNO3-HClO4-HCl), followed by determination by inductively coupled plasma ("ICP") or mass spectrometry ("MS"). The oxides and trace elements included are listed below:

- Major element oxides: SiO2, Al2O3, Fe2O3, MnO, MgO, CaO, Na2O, K2O, TiO2, P2O5.
- Trace elements: Ag, As, Ba, Be, Bi, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Hf, Hg, Ho, In, La, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, V, W, Y, Yb, Zn, Zr.

Table 2. Tabulated Analytical Gold Results for the Wren Zone

Sample	Batch	Date	Easting (NAD83)	Northing (NAD83)	Elev-ation (m)	Litho-logy	Description*	Au (ppm) FA-AA
82652	A22-09073	16-Jun-22	449040	5436476	413	SZ	float, oxidized, sulphidic	1400
82660	A22-09073	21-Jun-22	448933	5436560	415	SZ	o/c, siliceous sheared rock (in drainage ditch), fine sulphides	245
82661	A22-09073	21-Jun-22	448933	5436560	415	SZ	o/c, siliceous sheared rock (in drainage ditch), fine sulphides	391
82662	A22-09073	21-Jun-22	448933	5436560	415	SZ	o/c, siliceous sheared rock (in drainage ditch), fine sulphides	512
82663	A22-09073	21-Jun-22	448933	5436560	415	SZ	o/c, siliceous sheared rock (in drainage ditch), fine sulphs	596
82664	A22-09073	21-Jun-22	448933	5436560	415	SZ	o/c, highly ox shr, no visible sulphides	1720
82717	A22-	25-Jun-	448941	5436559	415	SZ	o/c, Iron carbonate altered	210

	09073	22					metavolcanic; 5% pyrite	
82718	A22-09073	25-Jun-22	448938	5436562	415	SZ	o/c, silicified metavolcanic, iron carbonate on fractures; 7-10% pyrite	494
82719	A22-09073	25-Jun-22	448936	5436560	415	SZ	o/c, silicified metavolcanic, iron carbonate on fractures; 5% pyrite	332
82720	A22-09073	25-Jun-22	448938	5436558	415	SZ	o/c, chlorite sericite schist, 3-4% pyrite	360
82721	A22-09073	25-Jun-22	448933	5436564	415	SZ	o/c, chlorite sericite schist, strong iron carbonate alteration; 2% pyrite	84
82722	A22-09073	25-Jun-22	448936	5436555	415	SZ	o/c, chlorite sericite schist, strong iron carbonate alteration; 2% pyrite	13
82723	A22-09073	25-Jun-22	448936	5436555	415	SZ	o/c, silicified metavolcanic, iron carbonate on fractures; 5% pyrite	78
82724	A22-09073	25-Jun-22	448936	5436565	415	SZ	o/c, weak iron carbonate altered metavolcanic, siliceous; fabric; 3-5% pyrite	61
82725	A22-09073	25-Jun-22	448934	5436567	415	SZ	o/c, chlorite-sericite schist; strong iron carbonate alteration; 2% pyrite	40
82726	A22-09073	25-Jun-22	448932	5436563	415	SZ	o/c, chlorite-sericite schist; strong iron carbonate alteration; 2% pyrite	261
82728	A22-09073	25-Jun-22	448935	5436561	415	SZ	o/c, chlorite-sericite schist; strong iron carbonate alteration; 2% pyrite	227
82743	A22-16847	28-Oct-22	448933	5436563	413	SZ	o/c, alt maf volc, sil, de-carb, sde (py -5%), sheared	972
82744	A22-16847	28-Oct-22	448936	5436560	413	SZ	o/c, as 82743 but >sde (10%)	598
82745	A22-16847	28-Oct-22	448930	5436558	413	SZ	o/c, as 82743	1270
82746	A22-16847	28-Oct-22	448932	5436564	415	SZ	o/c, chlorite-sericite schist; strong Fe-carb alt'n; 2% pyrite; original tag 82727 lost	12

82747	A22-16847	28-Oct-22	448936	5436558	413	SZ	o/c, similar to 82743 but < silicified	50
82748	A22-16847	28-Oct-22	448935	5436556	413	SZ	o/c, as 82743	1330

*SZ = shear zone, o/c = outcrop, shr = shear, ox = oxidized, sde = sulphide, alt'n = alteration

For the June and October 2022 mapping programs, a total of 72 samples were collected and submitted for a mix of gold and multi-element analyses. No QAQC samples were included in the sample stream due to the grassroots nature of the program. Gold values of the samples ranged from below detection (<5ppb) to 1720ppb Au. Both gold and multi-element analytical results are compiled in Appendix D. Analytical certificates for batch A22-09703 are provided in Appendix C.

7.0 Discussions and Recommendations

The Dash Lake Property was optioned by Nuinsco Resources Limited in 2021. In 2022, the Company completed two rounds of grassroots exploration, one in June and one in October, as part of its initial evaluation of the Property.

The Dash Lake property is in the Kakagi-Rowan greenstone belt of the Wabigoon Subprovince approximately 50 km NW of the town of Fort Frances. To the west the claim group straddles the contact of the Sabaskong Batholith a known locus of gold mineralization in the area and to the east the property abuts the Helena-Pipestone Lakes Fault that controls several gold occurrences locally. The little explored property is underlain by mafic to felsic metavolcanic rocks and mafic to felsic intrusions.

Numerous historic gold occurrences are situated near the Property (Bethune Lake, Dash Lake Showing) demonstrating a range of mineralization style and grades. At the Dash Lake South occurrence, located on the property, grab samples obtained from a pyrite mineralized felsic intrusion historically returned grades of up to 2.88 g/t Au.

The geology encountered during the 2022 programs is described in detail in Section 7.0. Geological/sampling maps are presented at 1:5000 scale in Appendix E, while track maps are provided in Appendix F.

As a result of Nuinsco's 2022 work program, a gold-bearing shear zone was discovered in the western portion of the Property. Assays of up to 1.72 g/t gold were obtained from the new WREN Zone. The new zone was uncovered in an area of the Property that has seen little historic exploration. Recent logging activities have made the area more easily accessible.

The shear zone observed at the WREN Zone consists of sheared mafic metavolcanics of the Katimiagamak group displaying both carbonate and siliceous alteration across a width of approximately 10 metres (Map E-1, Figures 8,9). Although there is considerable glacial cover in the area, a second outcrop of metavolcanics containing shearing of similar orientation is found about 100 m to the northwest and is believed to be an extension of this structure. Metavolcanics to the southeast of the WREN showing also display similarly oriented shearing and may be a southern extension of the shear zone.

The discovery of the new Wren Zone demonstrates potential for further discoveries of gold mineralization in the area covered by the Dash Lake claim group. More comprehensive mapping and prospecting in the area is recommended.

Recommended work would include additional grassroots work such as prospecting and mapping in the western portion of the Property around the intrusive contact between the Sabaskong Batholith and the mafic metavolcanics. This would include looking for an extension of the Wren Zone. Structural/lineation studies followed by ground geophysics (mag/IP) may help characterize low-lying areas covered by overburden and downfall left from logging activities.

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9.0 Certificate of Authors

Certificate for the report titled "DASH LAKE PROPERTY, Dash Lake Area, Kenora Mining Division, Northwest Ontario, NTS52F04, Assessment Report on the 2022 Mapping, Sampling & Prospecting Program & Description of the New 'Wren' Gold Occurrence".

License No. 20046

Filippo Ferri

Filippo Ferri, BSc, MSc, PGeo
7 February 2023

Laura Giroux, BScH, MSc, PGeo
7 February 2023

APPENDIX A
Claim Map at 1:20000

MLAS Claims Map: Dash Lake Gold Project

Map Notes:

Nuinsco Resources Ltd, Oct 2022

Date / Time of Issue: Thu Oct 20, 13:21:16 EST 2022

Ontario

Ministry of Northern Development, Mines, Natural Resources and Forestry (NDMNRF)

Administrative Districts

Township

DASH LAKE AREA

Mining Division

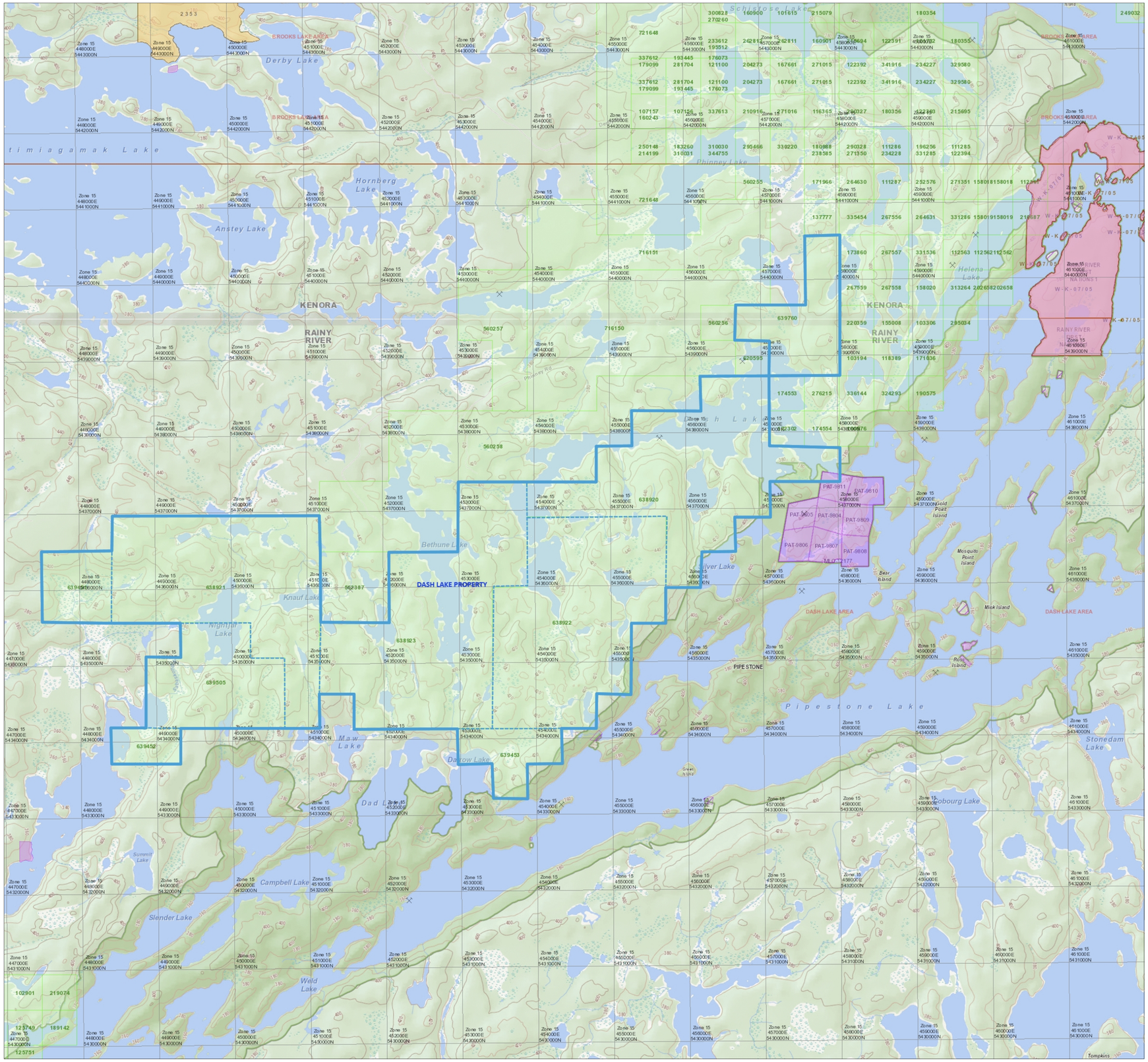
Kenora

Land Registry

RAINY RIVER

Natural Resources and Forestry District Office

Fort Frances



Scale: 1:20,000

0 4.00 km

Map Datum: NAD 83

Projection: Web Mercator

N

Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Northern Development and Mines (NDM) for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources.

Completeness and accuracy are not guaranteed.

Additional information may also be obtained through the local Land Titles or Registry Office, or the Natural Resources and Forestry.

The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Northern Development and Mines (NDM) web site.

APPENDIX B

Daily Logs and Summary of Field and Travel Days

DAILY LOG – DASH LAKE PROPERTY - 2022

DATE	GEOS	DAILY LOG
JUNE 2022		
14-Jun-2022	PLJ, FF, LAG	Travel to Winnipeg. FF from Ottawa. PLJ & LAG from Toronto (attending PDAC).
15-Jun-2022	PLJ, FF, LAG	Travel to Nestor Falls, Ontario. Stopping for field supplies and groceries in Kenora. Preparations for field work next day. Accommodations at Canadian Haven cabins in Nestor Falls.
16-Jun-2022	PLJ, FF, LAG	Very windy, rain in the morning – storm passing to north. Reconnaissance mission to find road access to Property. Obtaining permits for use of the Trilake-Pipestone Road from Ministry of Natural Resources and Forestry.
17-Jun-2022	PLJ, FF, LAG	Attempted access to most north-easterly part of Property (claim 639760). Historic logging roads cut off by well constructed beaver dam. Followed beaver dam to continue by foot onto Property. Trail disappeared into thickets of alders in places. Ticks very bad. 8 samples collected for wholerock analyses.
18-Jun-2022	PLJ, FF, LAG	Half field day on western claims in a recently logged area (claim 638921). Inspecting new outcrop exposures from logging activities. Good exposures of mafic metavolcanics. 2 samples collected for wholerock. Office work in afternoon.
19-Jun-2022	PLJ, FF, LAG	No field work due to extreme temperatures. Office work.
20-Jun-2022	PLJ, FF, LAG	No field work due to extreme temperatures. Office work. Big storm in the evening broke heat wave.
21-Jun-2022	PLJ, FF, LAG	Revisiting western claims (recently logged area) to run traverses. Claims 638921 and 639451. Ground still very damp from storm. Partly cloudy and windy with temperatures in mid 20 degrees Celsius. Recent logging left significant outcrop exposures on higher ground. Lower ground covered by significant brush/debris from logging. Predominantly mafic metavolcanics to feldspar porphyry. Pillow salvaged locally. Oxidized shear zone discovered along side logging road. Samples 82660-82664 collected of siliceous sheared rock with fine sulphides. Christened 'Wren zone' for a Winter Wren bird singing nearby. 11 additional sample collected for wholerock.

22-Jun-2022	PLJ, FF, LAG	Field day. Western claim area - Claim 638921. Continuation of traverses from previous day. 2 samples collected for wholerock.
23-Jun-2022	PLJ, FF, LAG	Temperatures >30° C again. Office day.
24-Jun-2022	PLJ, FF, LAG	Temperatures ~28° C. Rain. Office day.
25-Jun-2022	PLJ, FF, LAG	Field day. Western claim area - Claim 638921. Continued traverses plus more detailed sampling of Wren zone. Effort spent looking for an extension of zone which is truncated by new logging road. 13 samples collected for gold assay and wholerock
26-Jun-2022	PLJ, FF, LAG	Cool day <20° C with rain.
27-Jun-2022	PLJ, FF, LAG	Final field day. Hot ~27°C. Western Property area - Claim 638921. Continued traverses – filling in gaps in mapping. 8 samples for gold and wholerock.
28-Jun-2022	PLJ, FF, LAG	Return to Winnipeg.
OCTOBER 2022		
24-Oct-2022	PLJ, FF	Travel to Winnipeg.
25-Oct-2022	PLJ, FF	Travel to Nestor Falls, Ontario. Stopping for field supplies and groceries in Kenora. Preparations for field work next day. Accommodations at Canadian Haven cabins in Nestor Falls.
26-Oct-2022	PLJ, FF	Temperatures at near freezing. Into Fort Frances.
27-Oct-2022	PLJ, FF	Temperatures ~10° C. Full field day doing traverses on western claims filling in gaps in June-2022 mapping. Claims 638921 and 639451. 3 samples for wholerock.
28-Oct-2022	PLJ, FF	Additional prospecting around the Wren zone (claim 638921). 6 samples for gold from Wren zone.
29-Oct-2022	PLJ, FF	Full field day. Temperatures ~12° C. Mapping and prospecting of central Property area (claim 638923). 5 samples for wholerock.
30-Oct-2022	PLJ, FF	Full field day. Temperatures ~12° C. Mapping and prospecting of central Property area (claims 560258 and 638923). 5 samples for wholerock.
31-Oct-2022	PLJ, FF	Packing up field gear and samples. Samples shipped to Thunder Bay from Kenora, ON. Return to Winnipeg for flights next day.
1-Nov-2022	PLJ, FF	Travel day.

SUMMARY of 2022 FIELD WORK and TRAVEL DAYS

JUNE	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th
PLJ	1	1	1	1	0	0	1	1	0	0	0	0	1	1
FF	1	1	1	1	0	0	1	1	0	0	0	0	1	1
LAG	1	1	1	1	0	0	1	1	0	0	0	0	0	1

OCT-NOV	24th	25th	26th	27th	28th	29th	30th	31st	1st
PLJ	0.5	0.5	0	1	0	1	1	0	0.5
FF	0.5	0.5	0	1	0	1	1	0	0.5
LAG	0	0	0	0	0	0	0	0	0

Total
12.5
12.5
7

APPENDIX C
Analytical Certificates

Quality Analysis ... *Innovative Technologies*

Report No.: **A22-09073**
Report Date: **04-Aug-22**
Date Submitted: **30-Jun-22**
Your Reference: **DASH LAKE**

Nuinsco Resources Limited
80 Richmond St, West 18th Floor
Toronto ON M5H2A4
Canada

ATTN: Paul Jones

CERTIFICATE OF ANALYSIS

54 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
4LITHO (11+)	QOP WRA/ QOP WRA 4B2 (/Major/Trace Elements Fusion ICPOES/ICPMS)	2022-07-19 14:16:40

REPORT **A22-09073**

Notes:

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

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

Footnote: no material for sample 82727.

SCC Accredited LAB Accrédité CCN TM

LabID: 266

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control Coordinator

ACTIVATION LABORATORIES LTD.
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Report No.: **A22-09073**
Report Date: **04-Aug-22**
Date Submitted: **30-Jun-22**
Your Reference: **DASH LAKE**

Nuinsco Resources Limited
80 Richmond St, West 18th Floor
Toronto ON M5H2A4
Canada

ATTN: Paul Jones

CERTIFICATE OF ANALYSIS

54 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-Tbay	QOP AA-Au (Au - Fire Assay AA)	2022-08-04 07:07:55

REPORT **A22-09073**

Notes:

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

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total.

Footnote: no material for sample 82727.

SCC Accredited LAB Accrédité CCN TM

LabID: 673

CERTIFIED BY:

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E-MAIL Tbay@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	2	2	1	2	20	1	20
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
82651		46.72	15.43	13.64	0.179	9.47	8.81	1.92	0.08	0.900	0.06	3.34	100.5	43	< 1	283	8	50	18	47	270	57	160
82653		48.62	14.75	13.28	0.190	7.00	9.70	2.19	0.28	1.002	0.06	2.68	99.75	39	< 1	279	47	123	21	58	220	51	130
82654		66.77	14.22	3.86	0.078	1.24	2.82	1.86	2.60	0.374	0.09	5.44	99.34	6	< 1	49	513	206	6	115	< 20	8	< 20
82655		67.17	14.47	5.11	0.151	0.49	2.08	3.66	1.83	0.369	0.09	3.81	99.21	6	< 1	48	437	165	5	105	20	5	< 20
82656		64.57	13.13	5.96	0.184	0.81	3.29	3.68	1.01	0.337	0.09	5.43	98.49	6	< 1	52	280	270	6	106	20	10	< 20
82657		63.15	13.04	6.22	0.158	1.22	4.04	4.19	0.75	0.388	0.12	5.13	98.41	7	< 1	48	186	254	8	101	20	12	< 20
82658		48.50	13.86	16.52	0.227	6.73	9.23	1.70	0.17	1.246	0.09	2.29	100.6	45	< 1	336	29	97	25	73	130	54	70
82659		47.00	20.70	8.15	0.126	6.19	12.31	1.54	0.70	0.410	0.03	2.60	99.76	25	< 1	149	105	212	9	23	190	37	130
82665		48.72	14.47	11.23	0.204	9.30	11.79	2.01	0.47	0.587	0.04	1.81	100.6	46	< 1	239	76	89	10	33	360	44	70
82701		65.50	14.77	5.65	0.142	1.30	1.95	3.39	2.41	0.372	0.09	3.06	98.62	7	1	52	441	175	7	89	< 20	9	< 20
82702		65.59	12.92	6.92	0.280	0.95	2.10	4.02	1.66	0.220	0.10	4.02	98.79	5	1	34	375	266	11	60	< 20	5	< 20
82703		75.70	12.36	1.47	0.056	0.14	0.21	3.76	4.19	0.036	0.03	0.62	98.55	2	1	< 5	721	96	7	31	< 20	1	< 20
82704		69.18	14.64	4.79	0.070	0.24	0.80	3.19	2.50	0.395	0.09	2.71	98.60	6	< 1	48	408	111	6	102	30	11	< 20
82705		48.86	15.11	13.78	0.203	6.84	10.65	2.25	0.24	1.044	0.07	0.88	99.93	39	< 1	284	29	95	21	60	230	51	140
82706		49.11	14.70	13.62	0.194	6.94	10.78	2.09	0.36	0.991	0.07	0.79	99.64	38	< 1	274	29	151	21	57	220	51	120
82707		49.47	14.32	13.49	0.202	7.22	10.67	2.32	0.11	0.980	0.06	0.98	99.82	37	< 1	269	41	116	19	56	220	50	130
82708		49.13	15.44	13.87	0.199	6.59	10.14	2.62	0.17	1.048	0.08	0.83	100.1	41	< 1	291	40	107	22	61	250	52	130
82709		49.08	14.74	12.88	0.189	6.55	11.05	2.12	0.18	0.982	0.07	1.82	99.66	38	< 1	272	41	126	20	56	220	46	130
82710		50.34	13.96	15.69	0.208	6.40	9.51	2.26	0.12	1.182	0.10	0.73	100.5	45	< 1	333	19	97	24	70	140	53	60
82711		48.76	15.27	12.70	0.175	7.99	9.90	2.13	0.19	0.785	0.05	1.34	99.30	38	< 1	251	20	110	17	43	260	53	150
82712		48.09	15.73	11.94	0.176	8.50	10.25	1.67	0.36	0.722	0.05	1.93	99.42	35	< 1	230	36	91	15	40	240	52	170
82713		48.76	18.11	10.35	0.185	4.88	12.45	2.71	0.30	0.616	0.04	2.07	100.5	40	< 1	234	47	128	13	33	270	47	120
82714		69.39	15.37	3.02	0.042	0.81	2.71	4.93	0.93	0.286	0.08	1.17	98.73	4	< 1	34	386	450	3	99	30	6	< 20
82715		48.46	15.33	12.02	0.172	8.84	11.03	1.38	0.48	0.613	0.04	1.74	100.1	37	< 1	221	37	94	13	33	270	56	180
82716		49.01	18.78	9.08	0.145	4.90	14.60	1.38	0.28	0.558	0.04	1.96	100.7	32	< 1	201	37	102	11	29	250	46	140
82729		47.85	15.68	13.18	0.181	8.34	9.49	1.85	0.29	0.844	0.05	2.54	100.3	40	< 1	263	40	94	17	46	250	52	150
82730		47.79	15.78	12.83	0.168	6.82	12.02	1.24	0.75	0.832	0.06	2.10	100.4	40	< 1	263	88	117	18	45	250	61	140
82731		50.64	13.84	15.84	0.227	5.57	9.21	2.46	0.21	1.265	0.11	1.32	100.7	45	< 1	337	33	122	28	83	120	49	40
82652	1400																						
82660	245																						
82661	391																						
82662	512																						
82663	596																						
82664	1720																						
82718	494																						
82721	84																						
82722	13																						
82723	78																						
82724	61																						
82725	40																						
82726	261																						
82728	227																						
82717	210	80.12	6.85	5.19	0.045	1.53	0.20	0.61	1.34	0.314	0.05	2.31	98.57	11	< 1	76	156	46	9	69	70	37	40
82719	332	48.92	12.45	10.31	0.122	4.53	6.68	1.67	2.28	0.624	0.05	10.75	98.38	29	< 1	183	152	161	15	70	170	42	100
82720	360	66.04	13.46	7.75	0.039	0.94	0.34	4.00	1.73	0.608	0.11	3.37	98.39	15	2	112	225	166	23	257	50	69	60
82732	< 5	93.73	1.44	2.06	0.031	0.68	0.87	0.25	0.03	0.106	< 0.01	0.52	99.74	4	< 1	31	8	12	2	7	40	4	< 20
82733	< 5	47.55	15.40	14.24	0.199	7.12	9.97	1.96	0.28	1.040	0.07	2.53	100.4	39	< 1	280	51	122	21	59	220	50	130
82734	< 5	48.52	15.40	14.05	0.203	6.56	11.42	2.23	0.19	1.043	0.07	0.90	100.6	40	< 1	287	30	121	21	60	230	53	130
82735	< 5	49.10	15.14	13.36	0.201	6.25	11.95	2.01	0.16	1.024	0.07	1.35	100.6	39	< 1	282	34	110	22	59	220	47	120

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	2	2	1	2	20	1	20
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
82736	< 5	48.38	16.41	11.71	0.232	4.42	15.41	1.31	0.07	1.077	0.08	1.33	100.4	41	1	291	11	145	22	62	270	54	130
82737	8	50.59	12.44	15.36	0.229	6.15	5.79	0.87	0.08	0.782	0.07	6.84	99.21	31	< 1	248	35	77	16	47	190	48	60
82738	< 5	48.70	14.89	14.41	0.187	6.53	11.49	1.86	0.24	1.020	0.08	0.96	100.3	39	< 1	284	27	93	20	57	220	50	120
82739	< 5	49.09	13.94	15.64	0.220	4.17	13.46	0.58	0.09	1.121	0.09	2.07	100.5	39	< 1	295	9	112	23	70	120	37	80

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
82651	60	80	14	1	< 5	2	2	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	2.1	5.8	0.96	5.1	1.9	0.54	2.4	0.4	3.0	0.6
82653	130	100	16	1	< 5	7	2	< 2	< 0.5	< 0.2	1	< 0.5	0.7	3.0	7.9	1.26	6.4	2.1	0.77	3.0	0.5	3.5	0.8
82654	30	130	18	< 1	< 5	53	3	< 2	< 0.5	< 0.2	1	< 0.5	1.8	15.4	28.6	3.17	11.3	2.0	0.60	1.6	0.2	1.1	0.2
82655	< 10	40	18	< 1	< 5	44	3	< 2	< 0.5	< 0.2	1	< 0.5	1.3	14.2	27.0	2.91	10.3	1.9	0.53	1.5	0.2	1.0	0.2
82656	30	110	17	< 1	< 5	24	3	< 2	< 0.5	< 0.2	1	< 0.5	0.7	14.9	27.9	3.13	11.0	2.0	0.57	1.5	0.2	1.1	0.2
82657	20	70	16	< 1	< 5	17	3	< 2	< 0.5	< 0.2	< 1	< 0.5	0.6	15.4	30.5	3.43	13.1	2.5	0.63	1.9	0.3	1.4	0.3
82658	130	120	17	2	< 5	3	3	< 2	< 0.5	< 0.2	1	< 0.5	0.6	3.9	10.1	1.55	7.9	2.8	0.98	3.7	0.7	4.5	0.9
82659	80	60	14	1	< 5	31	< 1	< 2	< 0.5	< 0.2	2	< 0.5	2.0	1.1	3.1	0.47	2.7	0.9	0.40	1.4	0.3	1.6	0.3
82665	< 10	100	15	2	< 5	15	< 1	< 2	< 0.5	< 0.2	1	< 0.5	1.3	1.5	3.7	0.60	3.2	1.1	0.49	1.4	0.3	1.9	0.4
82701	20	50	19	1	< 5	76	3	< 2	< 0.5	< 0.2	1	< 0.5	4.1	13.4	27.0	3.12	11.5	2.0	0.52	1.6	0.2	1.3	0.2
82702	< 10	70	17	1	< 5	66	4	< 2	< 0.5	< 0.2	1	< 0.5	3.3	10.0	20.7	2.40	9.4	2.2	0.39	1.9	0.3	1.9	0.4
82703	< 10	< 30	16	1	< 5	89	3	< 2	< 0.5	< 0.2	1	< 0.5	3.8	6.0	12.0	1.31	4.7	1.2	0.11	1.0	0.2	1.1	0.2
82704	< 10	80	18	< 1	< 5	47	3	3	< 0.5	< 0.2	< 1	< 0.5	1.0	14.7	27.8	3.02	10.6	1.9	0.59	1.5	0.2	1.0	0.2
82705	120	100	16	2	< 5	5	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.0	8.1	1.28	6.7	2.2	0.76	3.1	0.6	3.6	0.8
82706	70	100	17	2	< 5	11	2	< 2	< 0.5	< 0.2	1	< 0.5	0.6	3.0	8.1	1.25	6.5	2.1	0.82	2.9	0.5	3.5	0.8
82707	130	100	15	2	< 5	2	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.1	8.0	1.27	6.5	2.2	0.78	2.9	0.5	3.6	0.8
82708	110	100	16	2	< 5	4	2	2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.2	8.6	1.36	7.4	2.4	0.83	3.1	0.6	3.9	0.8
82709	90	100	15	2	< 5	3	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.0	7.8	1.21	6.3	2.2	0.76	2.8	0.5	3.6	0.8
82710	170	110	16	2	< 5	2	2	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	3.5	9.4	1.44	7.6	2.6	0.94	3.3	0.6	4.1	0.9
82711	170	90	15	2	< 5	6	1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.9	2.3	6.0	0.95	5.2	1.7	0.60	2.3	0.4	2.9	0.6
82712	180	80	14	2	< 5	14	1	2	< 0.5	< 0.2	< 1	< 0.5	1.7	2.0	5.5	0.84	4.4	1.6	0.59	2.2	0.4	2.6	0.6
82713	190	100	15	2	< 5	7	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.5	1.5	4.3	0.68	3.6	1.3	0.60	1.8	0.3	2.3	0.5
82714	< 10	50	19	< 1	< 5	23	2	2	< 0.5	< 0.2	< 1	< 0.5	0.8	9.5	17.8	1.97	6.9	1.2	0.51	0.9	0.1	0.6	0.1
82715	110	70	14	2	< 5	19	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	1.5	1.6	4.3	0.65	3.6	1.3	0.51	1.7	0.3	2.3	0.5
82716	100	60	15	2	< 5	8	1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.6	1.4	3.8	0.62	3.2	1.0	0.49	1.6	0.3	1.9	0.4
82729	90	90	15	2	< 5	10	2	< 2	< 0.5	< 0.2	< 1	< 0.5	1.1	2.4	6.3	0.97	5.4	1.8	0.63	2.4	0.4	2.9	0.6
82730	1030	80	16	3	< 5	39	2	15	0.5	< 0.2	1	< 0.5	2.1	2.4	6.5	1.03	5.5	1.9	0.61	2.5	0.4	3.0	0.6
82731	150	130	18	2	< 5	6	3	< 2	< 0.5	< 0.2	1	< 0.5	0.6	4.2	11.3	1.79	9.0	3.1	0.98	4.0	0.7	4.9	1.0
82652																							
82660																							
82661																							
82662																							
82663																							
82664																							
82718																							
82721																							
82722																							
82723																							
82724																							
82725																							
82726																							
82728																							
82717	160	260	12	2	46	42	3	> 100	0.5	0.5	3	< 0.5	2.8	15.2	32.0	3.66	14.1	2.6	0.69	2.1	0.3	1.7	0.3
82719	320	180	15	2	76	83	2	37	0.5	< 0.2	3	< 0.5	5.4	6.7	15.4	1.99	8.5	2.1	0.57	2.2	0.4	2.6	0.5
82720	450	400	20	2	79	49	9	39	1.2	0.5	4	< 0.5	2.6	29.4	61.8	7.35	28.1	5.3	1.09	4.2	0.7	4.2	0.8
82732	20	< 30	2	1	< 5	2	< 1	46	< 0.5	< 0.2	< 1	< 0.5	< 0.5	0.3	0.8	0.13	0.7	0.2	0.08	0.3	< 0.1	0.4	< 0.1
82733	130	100	17	2	< 5	7	2	< 2	< 0.5	< 0.2	1	< 0.5	0.7	2.9	7.9	1.22	6.5	2.2	0.74	2.8	0.5	3.5	0.8
82734	130	140	17	2	< 5	4	2	< 2	< 0.5	< 0.2	1	< 0.5	0.5	3.1	8.3	1.27	6.7	2.4	0.85	3.1	0.5	3.7	0.8
82735	70	90	16	2	< 5	3	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.1	8.1	1.23	6.2	2.2	0.80	2.8	0.5	3.5	0.8
82736	230	90	18	3	< 5	< 2	2	5	< 0.5	< 0.2	2	< 0.5	< 0.5	3.0	8.3	1.29	6.4	2.2	0.78	2.8	0.5	3.7	0.8

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
82737	370	130	16	2	< 5	6	2	5	< 0.5	< 0.2	1	< 0.5	< 0.5	2.5	6.5	0.99	5.1	1.7	0.77	2.1	0.4	2.6	0.6
82738	150	100	17	2	< 5	7	2	< 2	< 0.5	< 0.2	1	< 0.5	1.0	2.9	7.7	1.19	6.3	2.1	0.75	2.8	0.5	3.5	0.8
82739	210	100	20	3	< 5	2	2	< 2	< 0.5	0.2	2	< 0.5	< 0.5	3.3	8.7	1.41	7.8	2.5	0.88	3.3	0.6	4.1	0.9

Analyte Symbol	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
82651	2.0	0.30	2.0	0.29	1.3	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82653	2.3	0.34	2.2	0.33	1.5	0.2	3	< 0.1	< 5	< 0.4	0.2	< 0.1
82654	0.6	0.08	0.6	0.09	2.7	0.4	< 1	0.1	< 5	< 0.4	2.1	0.5
82655	0.5	0.08	0.5	0.08	2.5	0.4	2	< 0.1	< 5	< 0.4	2.0	0.3
82656	0.5	0.08	0.5	0.09	2.4	0.3	< 1	< 0.1	< 5	< 0.4	2.0	0.5
82657	0.8	0.11	0.7	0.10	2.5	0.3	< 1	< 0.1	5	< 0.4	1.9	0.4
82658	2.8	0.41	2.7	0.42	1.8	0.2	1	< 0.1	< 5	< 0.4	0.3	< 0.1
82659	1.0	0.15	1.0	0.15	0.5	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
82665	1.2	0.18	1.2	0.18	0.8	< 0.1	9	< 0.1	< 5	< 0.4	0.1	< 0.1
82701	0.7	0.11	0.7	0.11	2.2	0.4	< 1	0.2	< 5	< 0.4	1.9	0.6
82702	1.1	0.15	1.0	0.15	1.9	0.5	< 1	< 0.1	8	< 0.4	2.1	0.9
82703	0.6	0.09	0.6	0.09	1.3	0.6	< 1	0.3	7	< 0.4	2.1	1.0
82704	0.5	0.07	0.5	0.08	2.2	0.4	38	< 0.1	< 5	< 0.4	2.2	0.5
82705	2.3	0.34	2.3	0.35	1.4	0.2	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82706	2.3	0.34	2.2	0.33	1.5	0.2	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82707	2.3	0.34	2.3	0.35	1.5	0.1	12	< 0.1	< 5	< 0.4	0.2	< 0.1
82708	2.4	0.37	2.5	0.37	1.7	0.1	2	< 0.1	< 5	< 0.4	0.3	< 0.1
82709	2.2	0.33	2.3	0.36	1.4	0.2	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82710	2.6	0.39	2.6	0.38	1.8	0.2	< 1	< 0.1	< 5	< 0.4	0.3	< 0.1
82711	1.8	0.27	1.8	0.29	1.1	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82712	1.7	0.26	1.7	0.26	1.0	< 0.1	< 1	< 0.1	< 5	< 0.4	0.1	< 0.1
82713	1.5	0.22	1.6	0.25	0.7	< 0.1	< 1	< 0.1	< 5	< 0.4	0.1	< 0.1
82714	0.3	< 0.05	0.3	0.04	2.2	0.1	4	< 0.1	< 5	< 0.4	0.8	0.2
82715	1.5	0.23	1.5	0.23	0.8	< 0.1	26	< 0.1	< 5	< 0.4	0.1	< 0.1
82716	1.2	0.19	1.2	0.19	0.7	< 0.1	< 1	< 0.1	< 5	< 0.4	0.1	< 0.1
82729	1.8	0.28	1.9	0.28	1.1	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82730	2.0	0.30	1.9	0.28	1.1	< 0.1	5	0.1	< 5	1.0	0.2	< 0.1
82731	3.2	0.47	3.2	0.48	2.1	0.2	< 1	< 0.1	< 5	< 0.4	0.3	< 0.1
82652												
82660												
82661												
82662												
82663												
82664												
82718												
82721												
82722												
82723												
82724												
82725												
82726												
82728												
82717	1.0	0.16	1.0	0.15	1.5	0.2	10	0.2	< 5	2.1	2.2	0.5
82719	1.6	0.24	1.6	0.24	1.7	0.2	7	0.4	< 5	0.5	0.9	0.3
82720	2.5	0.39	2.4	0.38	4.9	0.6	11	0.2	8	1.8	4.3	1.2
82732	0.2	< 0.05	0.2	0.03	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
82733	2.3	0.34	2.3	0.35	1.6	0.1	8	< 0.1	< 5	< 0.4	0.2	< 0.1
82734	2.3	0.35	2.4	0.35	1.5	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82735	2.1	0.33	2.2	0.34	1.4	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82736	2.4	0.37	2.4	0.37	1.8	0.1	3	< 0.1	< 5	0.8	0.2	< 0.1

Analyte Symbol	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
82737	1.7	0.25	1.7	0.26	1.2	< 0.1	6	< 0.1	< 5	0.7	0.2	< 0.1
82738	2.2	0.32	2.2	0.35	1.4	0.1	5	< 0.1	< 5	< 0.4	0.2	< 0.1
82739	2.7	0.40	2.7	0.41	1.8	0.2	3	< 0.1	< 5	1.4	0.3	< 0.1

Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	2	2	1	2	20	1	20
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas		11.52	1.87	0.74	0.013	0.34	41.25	0.86	0.54	0.115	30.13					1646							
NIST 694 Cert		11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2					1740							
DNC-1 Meas		47.26	18.44	9.88	0.141	9.90	10.92	1.90	0.22	0.476	0.07			31		154	107	144	17	47			
DNC-1 Cert		47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070			31		148	118	144	18.0	38			
SY-4 Meas		49.37	20.68	6.18	0.105	0.49	7.75	6.88	1.66	0.283	0.12			< 1	3	8	349	1219	118			2	
SY-4 Cert		49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131			1.1	2.6	8.0	340	1191	119			2.8	
BIR-1a Meas		48.59	15.85	11.38	0.166	9.56	13.02	1.83	0.01	0.978	0.01			44	< 1	338	7	110	14	16	390	53	180
BIR-1a Cert		47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021			44	0.58	310	6	110	16	18	370	52	170
BIR-1a Meas																					400	51	160
BIR-1a Cert																					370	52	170
ZW-C Meas																					60		
ZW-C Cert																					56.0		
ZW-C Meas																					60		
ZW-C Cert																					56.0		
OREAS 101b (Fusion) Meas																						45	
OREAS 101b (Fusion) Cert																						47	
OREAS 101b (Fusion) Meas																						45	
OREAS 101b (Fusion) Cert																						47	
NCS DC86318 Meas																							
NCS DC86318 Cert																							
NCS DC86318 Meas																							
NCS DC86318 Cert																							
BCR-2 Meas		53.71	13.22	13.87	0.190	3.51	6.87	3.05	1.79	2.210	0.37			33		434	711	335	33	177			
BCR-2 Cert		54.1	13.5	13.8	0.196	3.59	7.12	3.16	1.79	2.26	0.35			33		416	683	346	37	188			
USZ 42-2006 Meas																						5	< 20
USZ 42-2006 Cert																						7.89	13.18
USZ 42-2006 Meas																						5	< 20
USZ 42-2006 Cert																						7.89	13.18
REE-1 Meas																					280	1	< 20
REE-1 Cert																					277	1.58	24.7
REE-1 Meas																					290	1	
REE-1 Cert																					277	1.58	
OREAS 238 (Fire Assay) Meas	3000																						
OREAS 238 (Fire Assay) Cert	3030																						
W-2b Meas		52.23	15.23	10.88	0.161	6.23	10.59	2.23	0.62	1.073	0.12			36	< 1	274	181	194	20	88	90	44	80
W-2b Cert		52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.140			36.0	1.30	262	182	190	24.0	94.0	92.0	43.0	70.0
W-2b Meas																					90	43	70
W-2b Cert																					92.0	43.0	70.0
Oreas E1336 (Fire Assay) Meas	497																						
Oreas E1336 (Fire																							

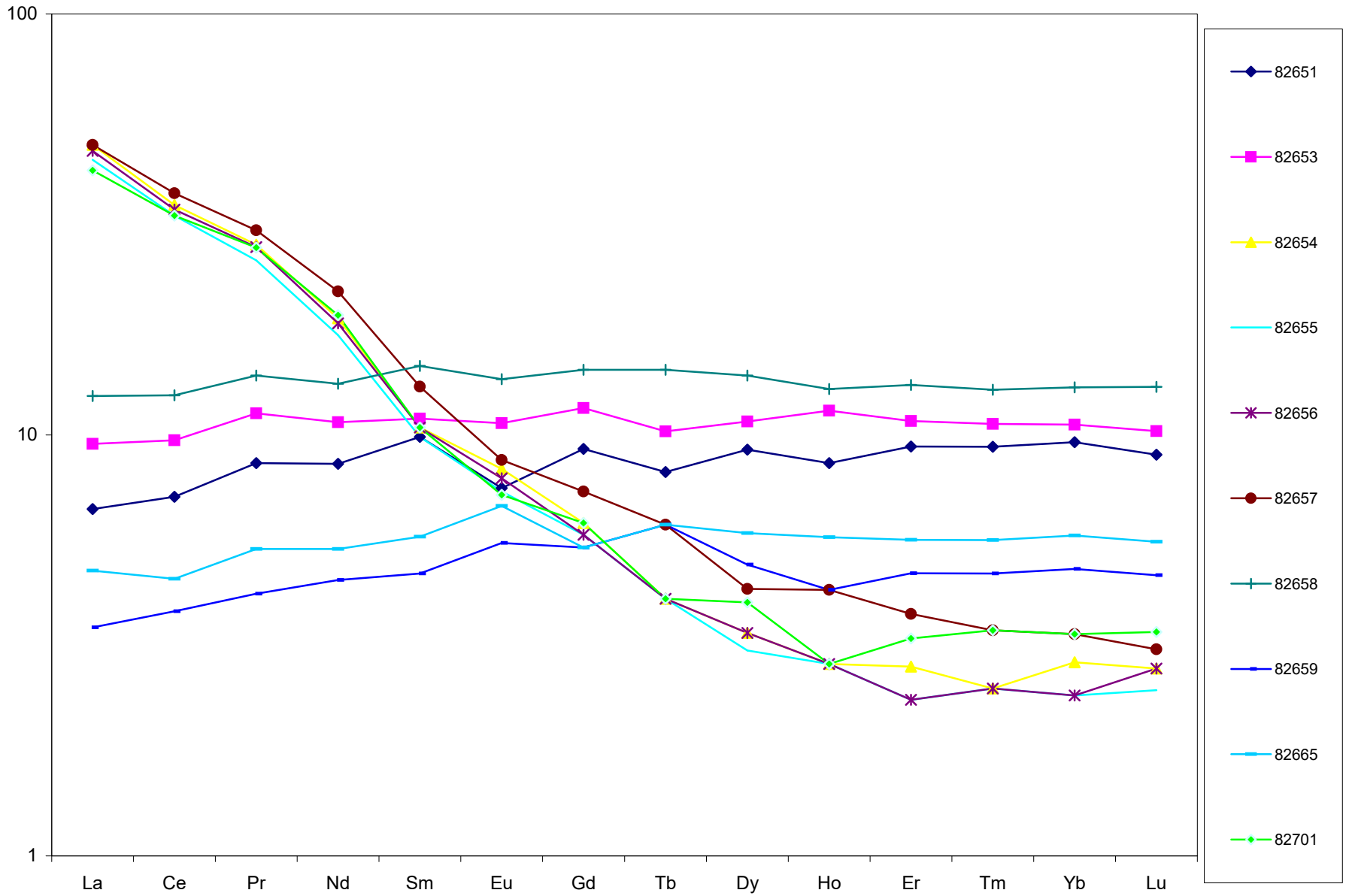
Analyte Symbol	Au	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	LOI	Total	Sc	Be	V	Ba	Sr	Y	Zr	Cr	Co	Ni
Unit Symbol	ppb	%	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01		0.01	1	1	5	2	2	1	2	20	1	20
Method Code	FA-AA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-MS	FUS-MS	FUS-MS
Assay) Cert	510.000																						
82706 Orig		49.37	14.77	13.84	0.197	7.05	10.95	2.11	0.36	1.003	0.07		100.5	38	< 1	278	29	153	21	58	220	51	130
82706 Dup		48.85	14.63	13.39	0.191	6.83	10.62	2.06	0.35	0.979	0.07		98.76	37	< 1	271	28	149	20	57	220	51	120
82722 Orig	14																						
82722 Dup	12																						
82732 Orig		94.13	1.46	2.08	0.031	0.68	0.89	0.25	0.03	0.107	< 0.01		100.2	4	< 1	31	8	12	2	7	40	4	< 20
82732 Dup		93.33	1.42	2.05	0.031	0.68	0.86	0.25	0.03	0.105	< 0.01		99.29	4	< 1	31	8	12	2	7	40	4	< 20
82733 Orig	< 5																						
82733 Dup	< 5																						
82735 Orig	< 5	49.10	15.14	13.36	0.201	6.25	11.95	2.01	0.16	1.024	0.07	1.35	100.6	39	< 1	282	34	110	22	59	220	47	120
82735 Split PREP DUP	< 5	48.99	15.22	13.33	0.201	6.19	11.86	2.00	0.16	1.025	0.07	1.34	100.4	39	< 1	281	34	111	20	58	220	48	120
82739 Orig	< 5	49.09	13.94	15.64	0.220	4.17	13.46	0.58	0.09	1.121	0.09	2.07	100.5	39	< 1	295	9	112	23	70	120	37	80
82739 Split PREP DUP	< 5	49.06	13.96	15.70	0.220	4.16	13.47	0.59	0.09	1.102	0.10	1.98	100.4	40	< 1	295	9	111	22	71	110	37	70
Method Blank		0.03	< 0.01	< 0.01	0.003	< 0.01	0.01	< 0.01	< 0.01	< 0.001	< 0.01			< 1	< 1	< 5	< 2	< 2	< 1	< 2	< 20	< 1	< 20
Method Blank																					< 20	< 1	< 20
Method Blank		0.01	< 0.01	0.01	0.003	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01			< 1	< 1	< 5	< 2	< 2	< 1	< 2			
Method Blank		< 0.01	< 0.01	< 0.01	0.003	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01			< 1	< 1	< 5	< 2	< 2	< 1	< 2			
Method Blank	< 5																						
Method Blank	< 5																						

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
SY-4 Meas		100	35			54	13						1.5	59.1	121	14.8	60.6	12.8	1.96	13.5	2.6	18.1	4.2
SY-4 Cert		93	35			55.0	13						1.5	58	122	15.0	57	12.7	2.00	14.0	2.6	18.2	4.3
BIR-1a Meas	130	70	16									0.5		0.7	2.0		2.4	1.1	0.52	1.9			
BIR-1a Cert	125	70	16									0.58		0.63	1.9		2.5	1.1	0.55	2.0			
BIR-1a Meas	120	60	15									< 0.5			2.1		2.6	1.2	0.58	1.9			
BIR-1a Cert	125	70	16									0.58			1.9		2.5	1.1	0.55	2.0			
ZW-C Meas		1040	95			> 1000	206				> 1000	4.6	266	30.1	100	9.60	26.1	6.9		4.6			
ZW-C Cert		1050	99			8500	198				1300	4.2	260	30.0	97	9.5	25.0	6.6		4.70			
ZW-C Meas		990	93			> 1000	204				> 1000	4.4	263	31.0	103	9.70	25.6	7.0		4.6			
ZW-C Cert		1050	99			8500	198				1300	4.2	260	30.0	97	9.5	25.0	6.6		4.70			
OREAS 101b (Fusion) Meas	430							19						794	1340	125	393	49.0	7.72		5.3	31.3	6.3
OREAS 101b (Fusion) Cert	420							21						789	1331	127	378	48	7.77		5.37	32.1	6.34
OREAS 101b (Fusion) Meas	420							19						793	1330	127	387	50.0	7.83		5.3	31.9	6.3
OREAS 101b (Fusion) Cert	420							21						789	1331	127	378	48	7.77		5.37	32.1	6.34
NCS DC86318 Meas						386							11.4	1990	407	739	> 2000	> 1000	18.9	> 1000	476	> 1000	590
NCS DC86318 Cert						369.42							11.88	1960	432	737	3429	1725	18.91	2168	468	3224	560
NCS DC86318 Meas						385							11.3	1960	419	732	> 2000	> 1000	19.0	> 1000	490	> 1000	592
NCS DC86318 Cert						369.42							11.88	1960	432	737	3429	1725	18.91	2168	468	3224	560
BCR-2 Meas																							
BCR-2 Cert																							
USZ 42-2006 Meas	20	480				63	33	37						> 2000	> 3000	> 1000	> 2000	519	87.0			53.0	8.0
USZ 42-2006 Cert	27.37	469				67.12	31.00	34.40						21100	27600	2300	6500	539	87.22			57.63	7.86
USZ 42-2006 Meas	20	460					33	36						> 2000	> 3000	> 1000	> 2000	516	86.0				7.6
USZ 42-2006 Cert	27.37	469					31.00	34.40						21100	27600	2300	6500	539	87.22				7.86
REE-1 Meas	80				126	> 1000					487		1.1	1670	> 3000	431	1510	395	23.9	425	109	872	209
REE-1 Cert	79.7				124	1050					498		1.07	1661	3960	435	1456	381	23.5	433	106	847	208
REE-1 Meas	80				128	> 1000					484		1.1	1690	> 3000	444	1480	400	24.4	437	112	884	211
REE-1 Cert	79.7				124	1050					498		1.07	1661	3960	435	1456	381	23.5	433	106	847	208
OREAS 238 (Fire Assay) Meas																							
OREAS 238 (Fire Assay) Cert																							
W-2b Meas	110	80	18	2	< 5	20	7	< 2				0.8	0.9	10.4	23.6		13.6	3.5	1.00		0.6	3.9	0.8
W-2b Cert	110	80.0	17.0	1.00	1.20	21.0	7.90	0.600				0.790	0.990	10.0	23.0		13.0	3.30	1.00		0.630	3.60	0.760
W-2b Meas	110	80	17	1		19		< 2				0.8	0.9	11.0	23.4		13.0	3.3	1.10		0.6	3.9	0.8
W-2b Cert	110	80.0	17.0	1.00		21.0		0.600				0.790	0.990	10.0	23.0		13.0	3.30	1.00		0.630	3.60	0.760
Oreas E1336 (Fire Assay) Meas																							
Oreas E1336 (Fire Assay) Cert																							

Analyte Symbol	Cu	Zn	Ga	Ge	As	Rb	Nb	Mo	Ag	In	Sn	Sb	Cs	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	10	30	1	1	5	2	1	2	0.5	0.2	1	0.5	0.5	0.1	0.1	0.05	0.1	0.1	0.05	0.1	0.1	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
82706 Orig	70	100	17	2	< 5	11	2	< 2	< 0.5	< 0.2	1	< 0.5	0.7	3.0	8.2	1.24	6.4	2.1	0.84	2.9	0.5	3.5	0.8
82706 Dup	70	100	17	2	< 5	11	2	< 2	< 0.5	< 0.2	1	< 0.5	0.6	3.0	8.1	1.27	6.6	2.1	0.80	2.8	0.6	3.6	0.8
82722 Orig																							
82722 Dup																							
82732 Orig	20	< 30	2	1	< 5	2	< 1	46	< 0.5	< 0.2	< 1	< 0.5	< 0.5	0.3	0.8	0.13	0.7	0.2	0.09	0.3	< 0.1	0.3	< 0.1
82732 Dup	20	< 30	2	1	< 5	2	< 1	45	< 0.5	< 0.2	< 1	< 0.5	< 0.5	0.3	0.8	0.12	0.7	0.2	0.08	0.3	< 0.1	0.4	< 0.1
82733 Orig																							
82733 Dup																							
82735 Orig	70	90	16	2	< 5	3	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.1	8.1	1.23	6.2	2.2	0.80	2.8	0.5	3.5	0.8
82735 Split PREP DUP	80	100	16	2	< 5	3	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.0	8.1	1.25	6.5	2.2	0.80	2.8	0.5	3.6	0.8
82739 Orig	210	100	20	3	< 5	2	2	< 2	< 0.5	0.2	2	< 0.5	< 0.5	3.3	8.7	1.41	7.8	2.5	0.88	3.3	0.6	4.1	0.9
82739 Split PREP DUP	190	100	20	3	< 5	2	3	< 2	< 0.5	0.2	2	< 0.5	< 0.5	3.2	8.6	1.37	7.4	2.5	0.83	3.3	0.6	4.1	0.9
Method Blank	< 10	< 30	< 1	< 1	< 5	< 2	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank	< 10	< 30	< 1	< 1	< 5	< 2	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.05	< 0.1	< 0.1	< 0.1	< 0.1
Method Blank																							
Method Blank																							
Method Blank																							
Method Blank																							

Analyte Symbol	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
NIST 694 Meas												
NIST 694 Cert												
DNC-1 Meas												
DNC-1 Cert												
SY-4 Meas	14.0	2.20	14.6	2.11	10.1	0.9			9		1.4	0.8
SY-4 Cert	14.2	2.3	14.8	2.1	10.6	0.9			10		1.4	0.8
BIR-1a Meas			1.6	0.25	0.5				< 5			
BIR-1a Cert			1.7	0.3	0.60				3			
BIR-1a Meas			2.0	0.31	0.6				< 5			
BIR-1a Cert			1.7	0.3	0.60				3			
ZW-C Meas						82.2	320	33.8				19.1
ZW-C Cert						82	320	34				20.0
ZW-C Meas						82.9	310	33.7				19.3
ZW-C Cert						82	320	34				20.0
OREAS 101b (Fusion) Meas	18.6	2.68	17.4	2.55							36.9	397
OREAS 101b (Fusion) Cert	18.7	2.66	17.6	2.58							37.1	396
OREAS 101b (Fusion) Meas	18.7	2.71	17.8	2.70							36.5	397
OREAS 101b (Fusion) Cert	18.7	2.66	17.6	2.58							37.1	396
NCS DC86318 Meas	> 1000	266	> 1000	253							67.9	
NCS DC86318 Cert	1750	271	1844	264							67.0	
NCS DC86318 Meas	> 1000	268	> 1000	260							69.1	
NCS DC86318 Cert	1750	271	1844	264							67.0	
BCR-2 Meas												
BCR-2 Cert												
USZ 42-2006 Meas			18.9						1670		933	
USZ 42-2006 Cert			17.85						1600		946	
USZ 42-2006 Meas			17.6						1650		962	
USZ 42-2006 Cert			17.85						1600		946	
REE-1 Meas	707	110	699		471						745	143
REE-1 Cert	701	106	678		479						719	137
REE-1 Meas	711	110	705		507						752	144
REE-1 Cert	701	106	678		479						719	137
OREAS 238 (Fire Assay) Meas												
OREAS 238 (Fire Assay) Cert												
W-2b Meas	2.5		2.0	0.32	2.5	0.5	3	< 0.1	8	< 0.4	2.3	0.5
W-2b Cert	2.50		2.10	0.330	2.60	0.500	0.300	0.200	9.30	0.0300	2.40	0.530
W-2b Meas			2.0	0.32		0.5	3	< 0.1		< 0.4	2.2	0.5
W-2b Cert			2.10	0.330		0.500	0.300	0.200		0.0300	2.40	0.530
Oreas E1336 (Fire Assay) Meas												
Oreas E1336 (Fire Assay) Cert												

Analyte Symbol	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Pb	Bi	Th	U
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.1	0.05	0.1	0.01	0.2	0.1	1	0.1	5	0.4	0.1	0.1
Method Code	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS	FUS-MS
82706 Orig	2.2	0.34	2.2	0.33	1.4	0.2	6	< 0.1	< 5	< 0.4	0.2	< 0.1
82706 Dup	2.4	0.35	2.3	0.34	1.6	0.2	< 1	< 0.1	< 5	0.5	0.3	< 0.1
82722 Orig												
82722 Dup												
82732 Orig	0.2	< 0.05	0.2	0.03	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
82732 Dup	0.3	< 0.05	0.2	0.03	< 0.2	< 0.1	1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
82733 Orig												
82733 Dup												
82735 Orig	2.1	0.33	2.2	0.34	1.4	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82735 Split PREP DUP	2.3	0.34	2.3	0.34	1.5	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82739 Orig	2.7	0.40	2.7	0.41	1.8	0.2	3	< 0.1	< 5	1.4	0.3	< 0.1
82739 Split PREP DUP	2.6	0.38	2.5	0.38	1.8	0.2	< 1	< 0.1	< 5	1.2	0.3	< 0.1
Method Blank	< 0.1	< 0.05	< 0.1	< 0.01	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
Method Blank	< 0.1	< 0.05	< 0.1	< 0.01	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
Method Blank												
Method Blank												
Method Blank												
Method Blank												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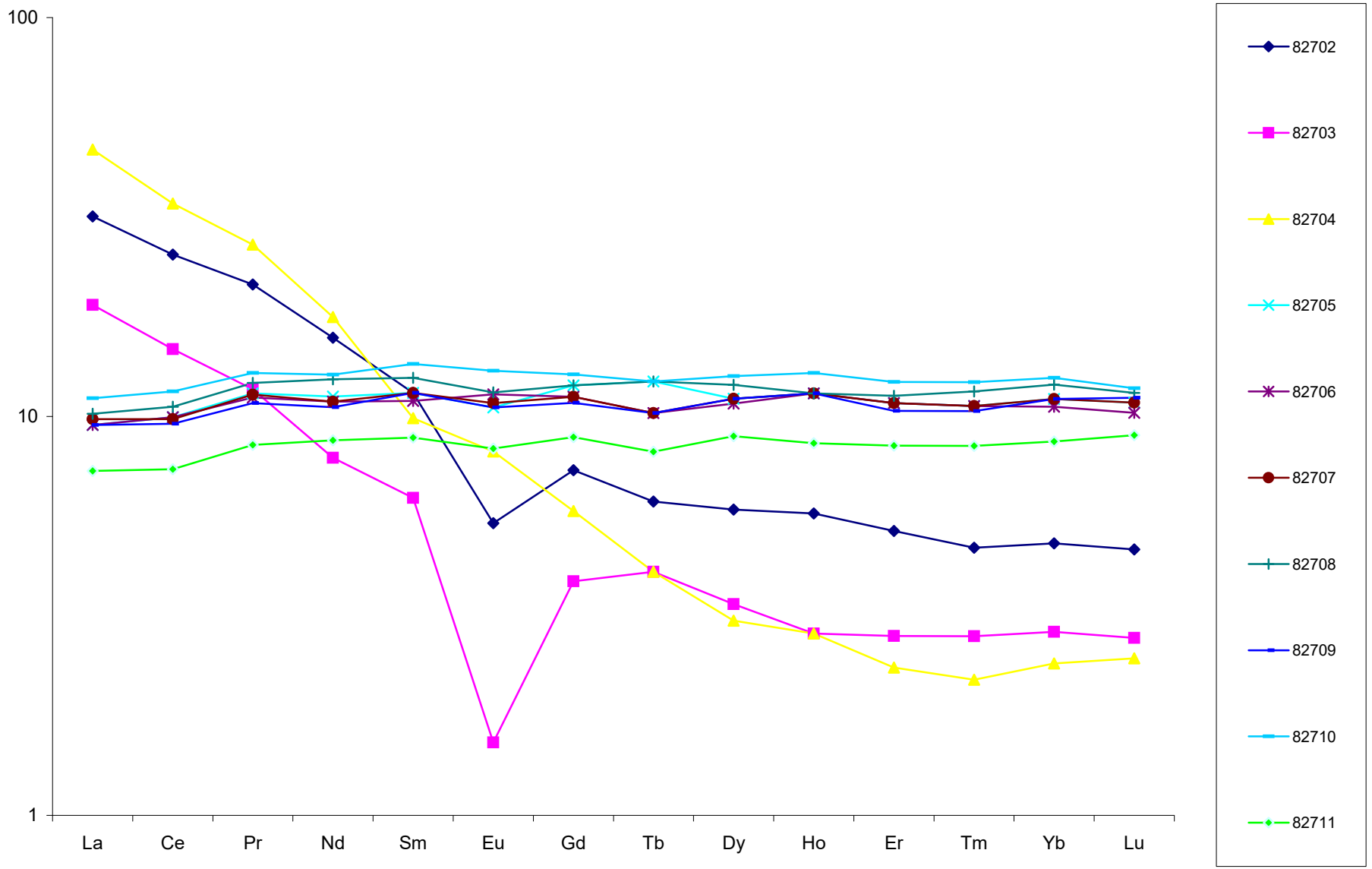
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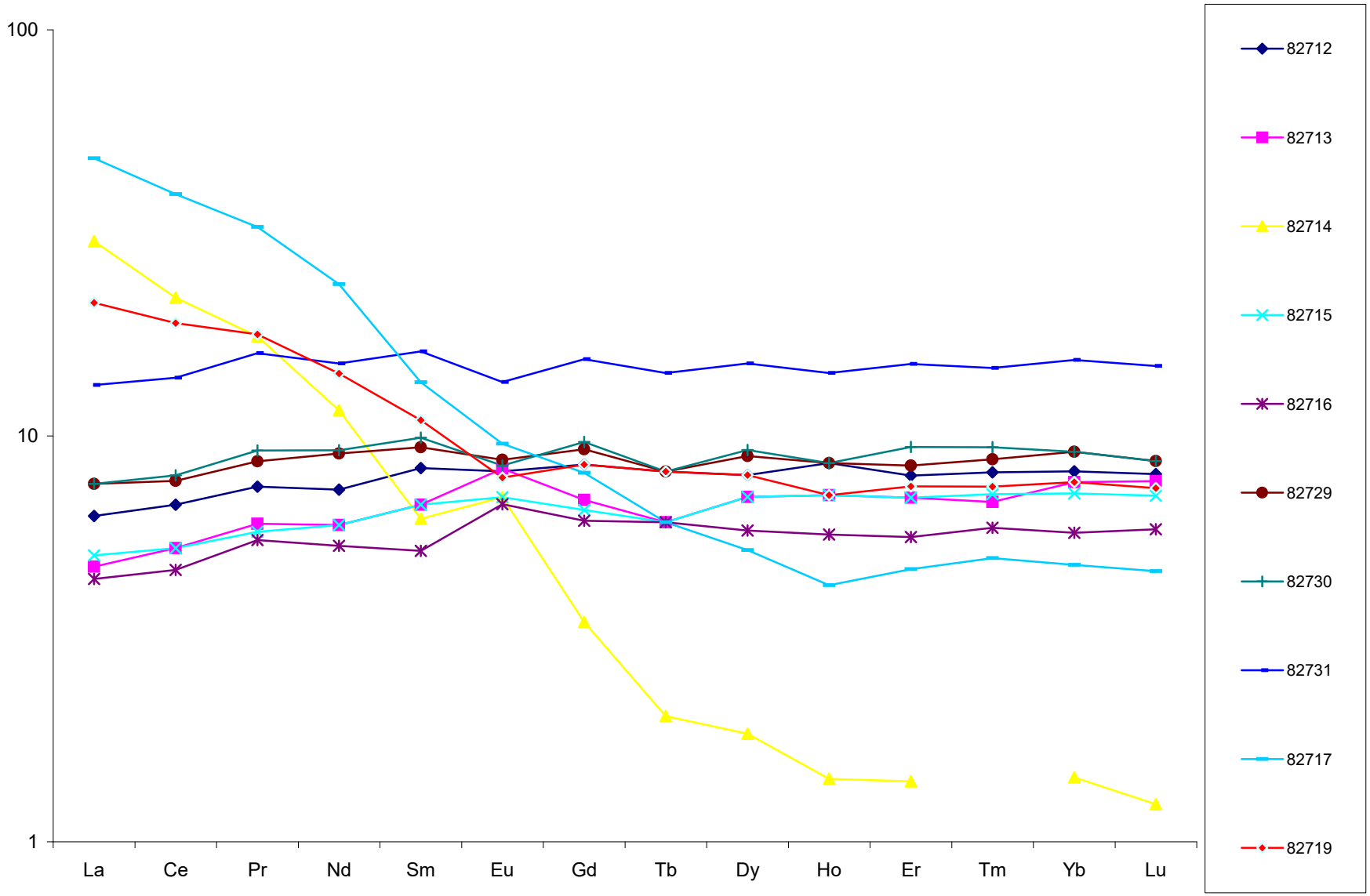
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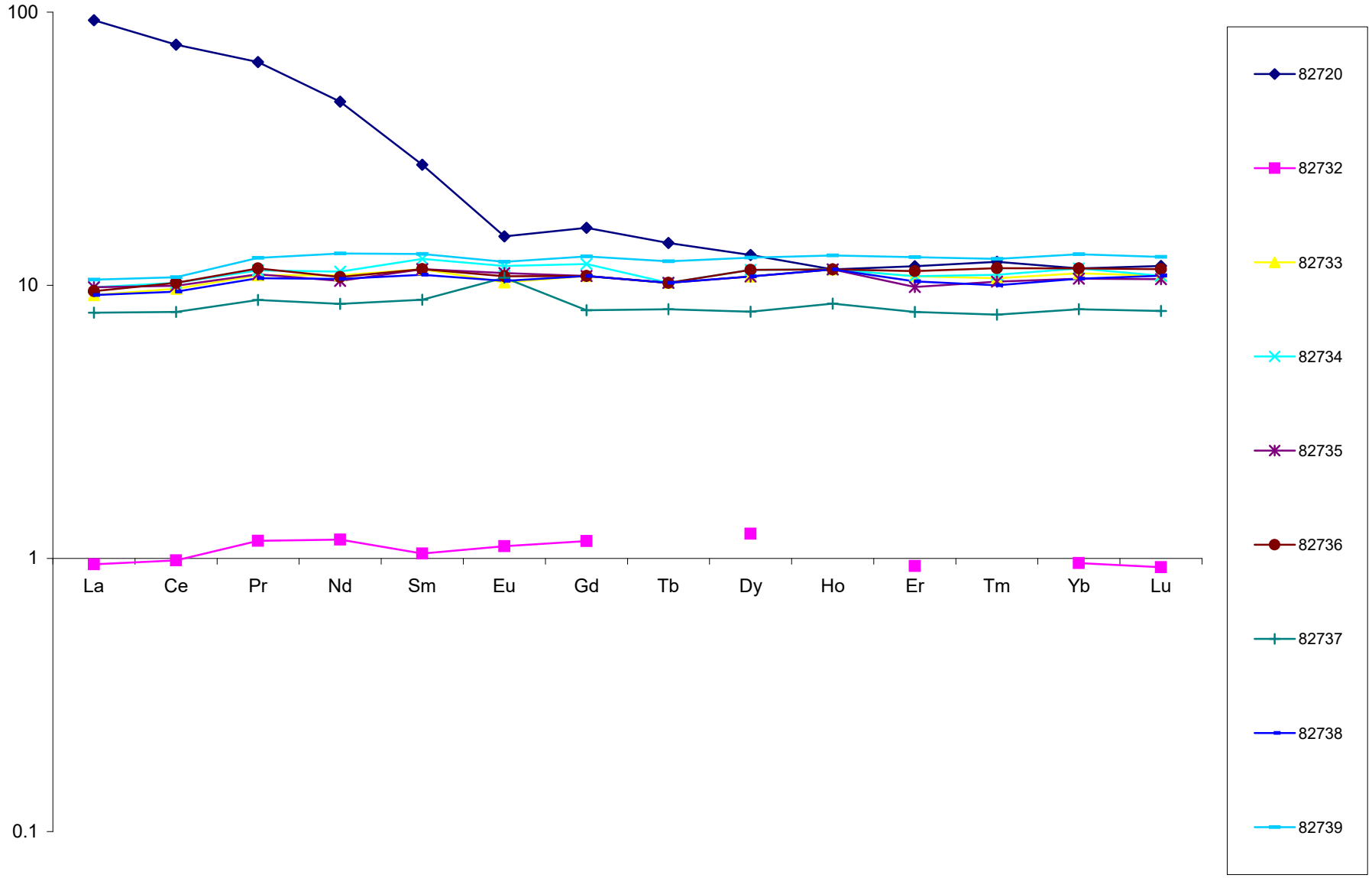
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APPENDIX D

Tabulated Waypoints and Analytical Results

DASH LAKE PROJECT - 2022 SAMPLING

Sample	Batch	Date	Analysis Type	Easting (NAD83-15)	Northing (NAD83-15)	Elev (m)	Litho	Description	Au (ppb) (FA-AA)
82666	A22-16847	29-Oct-22	Au+Litho	452169	5436089	420	MVOLV	o/c, mass mv/gab, tr sde	12
82667	A22-16847	29-Oct-22	Au+Litho	452241	5435898	421	MVOLV	o/c, mv/gab, fg, tr sde, mass	6
82668	A22-16847	29-Oct-22	Au+Litho	452491	5435682	431	MVOLV	o/c, aphanitic mv?, mass, tr sde	7
82669	A22-16847	29-Oct-22	Au+Litho	452501	5435536	425	MVOLV	o/c, mv, aphanitic to fg, amyg, selv? (pillowed), tr sde, incipient iron-carb	< 5
82670	A22-16847	29-Oct-22	Au+Litho	452564	5435356	418	MVOLV	o/c, aphanitic to fg, mass, tr sde (py?), poss gab	6
82671	A22-16847	30-Oct-22	Au+Litho	453218	5437321	400	QP	Quartz-hornblende porphyry	< 5
82672	A22-16847	30-Oct-22	Au+Litho	453191	5437056	401	QP	Quartz Porphyry, 3% fg pyrite	6
82673	A22-16847	30-Oct-22	Au+Litho	453345	5437389	400	QP	Quartz Feldspar Porphyry	< 5
82740	A22-16847	27-Oct-22	Au+Litho	447841	5435540	367	TON	o/c, tonalite	< 5
82741	A22-16847	27-Oct-22	Au+Litho	448183	5435726	371	QP	o/c, QP dyke, fg, sheared	< 5
82742	A22-16847	27-Oct-22	Au+Litho	448992	5436350	420	MVOLV	o/c, Basalt pillow Bx, top to NE	< 5
82743	A22-16847	28-Oct-22	Au	448933	5436563	413	SZ	o/c, alt maf volc, sil, de-carb, sde (py -5%), sheared	972
82744	A22-16847	28-Oct-22	Au	448936	5436560	413	SZ	o/c, as 82743 but >sde (10%)	598
82745	A22-16847	28-Oct-22	Au	448930	5436558	413	SZ	o/c, as 82743	1270
82746	A22-16847	28-Oct-22	Au	448932	5436564	415	SZ	Wren; Chlorite-sericite schist; strong Fe-carb alt'n; 2% pyrite; original tag 82727 lost	12
82747	A22-16847	28-Oct-22	Au	448936	5436558	413	SZ	o/c, similar to 82743 but < silicified	50
82748	A22-16847	28-Oct-22	Au	448935	5436556	413	SZ	o/c, as 82743	1330
82749	A22-16847	30-Oct-22	Au+Litho	453123	5437366	440	MVOLV	o/c, aphanitic to vfg maf volc	< 5
82750	A22-16847	30-Oct-22	Au+Litho	453092	5437383	422	MVOLV	o/c, fg, maf volc or gab, tr sde	< 5
82651	A22-09073	16-Jun-22	Litho	448940	5436449	415	MVOLV	mafic w/ granular texture	
82652	A22-09073	16-Jun-22	Au	449040	5436476	413	SZ	oxidized sulphidic float	1400
82653	A22-09073	16-Jun-22	Litho	449179	5436595	427	MVOLV	greenschist mafic, top of ridge	
82654	A22-09073	17-Jun-22	Litho	457886	5440186	387	MVOLV	Silicified, carbonate altered volcanic	
82655	A22-09073	17-Jun-22	Litho	457788	5440135	390	MVOLV	Silicified metavolcanic, less carb than prev samp	
82656	A22-09073	17-Jun-22	Litho	457788	5440135	384	MVOLV	Silicified metavolcanic	
82657	A22-09073	17-Jun-22	Litho	457807	5440039	389	MVOLV	Silicified metavolcanic	
82658	A22-09073	21-Jun-22	Litho	449003	5436464	419	MVOLV	fg siliceous metavolc, massive outcrop	
82659	A22-09073	21-Jun-22	Litho	448651	5436531	433	MVOLV	cg fsp phenocrystic in contact w/ massive mafic mvolc, associated w/ felsic dykes	
82660	A22-09073	21-Jun-22	Au	448933	5436560	415	SZ	Wren; siliceous sheared rock (in drainage ditch), fine sulphs	245
82661	A22-09073	21-Jun-22	Au	448933	5436560	415	SZ	Wren; siliceous sheared rock (in drainage ditch), fine sulphs	391
82662	A22-09073	21-Jun-22	Au	448933	5436560	415	SZ	Wren; siliceous sheared rock (in drainage ditch), fine sulphs	512
82663	A22-09073	21-Jun-22	Au	448933	5436560	415	SZ	Wren; siliceous sheared rock (in drainage ditch), fine sulphs	596

DASH LAKE PROJECT - 2022 SAMPLING

Sample	Batch	Date	Analysis Type	Easting (NAD83-15)	Northing (NAD83-15)	Elev (m)	Litho	Description	Au (ppb) (FA-AA)
82664	A22-09073	21-Jun-22	Au	448933	5436560	415	SZ	Wren; highly ox shr, no visible sulphs	1720
82665	A22-09073	21-Jun-22	Litho	448395	5436380	416	GAB	gabbro at contact w/ porph	
82701	A22-09073	17-Jun-22	Litho	457788	5439314		GAB	Mafic int. Gabbro?	
82702	A22-09073	17-Jun-22	Litho	457872	5439283		MVOLV	Volcanic breccia	
82703	A22-09073	17-Jun-22	Litho	457759	5439401		MVOLV	Volcanic breccia, tuff	
82704	A22-09073	17-Jun-22	Litho	457891	5440448		FSP	Felsic porphyry, intrusion	
82705	A22-09073	18-Jun-22	Litho	449251	5436307		MVOLV	Mafic metavolcanic	
82706	A22-09073	18-Jun-22	Litho	449256	5436231		MVOLV	Mafic metavolcanic, carbonate altered	
82707	A22-09073	21-Jun-22	Litho	449069	5436610		MVOLV	Mafic metavolcanic	
82708	A22-09073	21-Jun-22	Litho	449058	5436729		MVOLV	Mafic metavolcanic, micro crystalline	
82709	A22-09073	21-Jun-22	Litho	448751	5436970		MVOLV	Mafic metavolcanic	
82710	A22-09073	21-Jun-22	Litho	448794	5436734		MVOLV	Mafic metavolcanic	
82711	A22-09073	21-Jun-22	Litho	448836	5436620		GAB	Finely crystalline meta gabbro	
82712	A22-09073	21-Jun-22	Litho	448776	5436522		GAB	Pyroxenite?	
82713	A22-09073	21-Jun-22	Litho	448701	5436469		FSP	Feldspar porphyry	
82714	A22-09073	21-Jun-22	Litho	448747	5436350		TON	Tonalite	
82715	A22-09073	22-Jun-22	Litho	448424	5436499		GAB	Gabbro	
82716	A22-09073	22-Jun-22	Litho	447704	5436414		MVOLV	Mafic metavolcanic	
82717	A22-09073	25-Jun-22	Litho	448941	5436559	415	SZ	Wren; Iron carbonate altered metavolcanic; 5% pyrite	210
82718	A22-09073	25-Jun-22	Au	448938	5436562	415	SZ	Wren; Silicified metavolcanic, iron carbonate on fractures; 7-10% pyrite	494
82719	A22-09073	25-Jun-22	Litho	448936	5436560	415	SZ	Wren; Silicified metavolcanic, iron carbonate on fractures; 5% pyrite	332
82720	A22-09073	25-Jun-22	Litho	448938	5436558	415	SZ	Wren; Chlorite sericite schist, 3-4% pyrite	360
82721	A22-09073	25-Jun-22	Au	448933	5436564	415	SZ	Wren; Chlorite sericite schist, strong iron carbonate alteration; 2% pyrite	84
82722	A22-09073	25-Jun-22	Au	448936	5436555	415	SZ	Wren; Chlorite sericite schist, strong iron carbonate alteration; 2% pyrite	13
82723	A22-09073	25-Jun-22	Au	448936	5436555	415	SZ	Wren; Silicified metavolcanic, iron carbonate on fractures; 5% pyrite	78
82724	A22-09073	25-Jun-22	Au	448936	5436565	415	SZ	Wren; Weak iron carbonate altered metavolcanic, siliceous; fabric; 3-5% pyrite	61
82725	A22-09073	25-Jun-22	Au	448934	5436567	415	SZ	Wren; Chlorite-sericite schist; strong iron carbonate alteration; 2% pyrite	40
82726	A22-09073	25-Jun-22	Au	448932	5436563	415	SZ	Wren; Chlorite-sericite schist; strong iron carbonate alteration; 2% pyrite	261
82728	A22-09073	25-Jun-22	Au	448935	5436561	415	SZ	Wren; Chlorite-sericite schist; strong iron carbonate alteration; 2% pyrite	227
82729	A22-09073	25-Jun-22	Litho	448872	5436615	415	SZ	Wren; Sheared metavolcanic to feldspar porphyry	
82730	A22-09073	25-Jun-22	Litho	448867	5436614	415	SZ	Wren; Sheared metavolcanic to feldspar porphyry	
82731	A22-09073	25-Jun-22	Litho	449044	5436483		MVOLV	Micro crystalline gabbro to mafic metavolcanic	

DASH LAKE PROJECT - 2022 SAMPLING

Sample	Batch	Date	Analysis Type	Easting (NAD83-15)	Northing (NAD83-15)	Elev (m)	Litho	Description	Au (ppb) (FA-AA)
82732	A22-09073	27-Jun-22	Au+Litho	449172	5436624	430	SZ	grey QV trace sulphide inc Fe carb FLBX host	< 5
82733	A22-09073	27-Jun-22	Au+Litho	449178	5436596	435	MVOLV	Mafic metavolcanic	< 5
82734	A22-09073	27-Jun-22	Au+Litho	449168	5436905	449	MVOLV	Mafic metavolcanic	< 5
82735	A22-09073	27-Jun-22	Au+Litho	449346	5436844	447	MVOLV	PBX FBX	< 5
82736	A22-09073	27-Jun-22	Au+Litho	449814	5436694	423	FSP	Silicified feldspar porphyry dyke	< 5
82737	A22-09073	27-Jun-22	Au+Litho	449761	5436507	436	MVOLV	Mafic metavolcanic to microcrystalline metagabbro	8
82738	A22-09073	27-Jun-22	Au+Litho	449473	5436210	417	MVOLV	Mafic metavolanic	< 5
82739	A22-09073	27-Jun-22	Au+Litho	448822	5436708	433	MVOLV	PBX FBX	< 5

DASH LAKE PROJECT - 2022 SAMPLING

Sample	SiO2 (%)	Al2O3 (%)	Fe2O3(T) (%)	MnO (%)	MgO (%)	CaO (%)	Na2O (%)	K2O (%)	TiO2 (%)	P2O5 (%)	LOI (%)	Total (%)	Sc (ppm)	Be (ppm)	V (ppm)	Ba (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Cr (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)
82666																								
82667																								
82668																								
82669																								
82670																								
82671																								
82672																								
82673																								
82740																								
82741																								
82742																								
82743																								
82744																								
82745																								
82746																								
82747																								
82748																								
82749																								
82750																								
82651	46.72	15.43	13.64	0.179	9.47	8.81	1.92	0.08	0.9	0.06	3.34	100.5	43	< 1	283	8	50	18	47	270	57	160	60	80
82652																								
82653	48.62	14.75	13.28	0.19	7	9.7	2.19	0.28	1.002	0.06	2.68	99.75	39	< 1	279	47	123	21	58	220	51	130	130	100
82654	66.77	14.22	3.86	0.078	1.24	2.82	1.86	2.6	0.374	0.09	5.44	99.34	6	< 1	49	513	206	6	115	< 20	8	< 20	30	130
82655	67.17	14.47	5.11	0.151	0.49	2.08	3.66	1.83	0.369	0.09	3.81	99.21	6	< 1	48	437	165	5	105	20	5	< 20	< 10	40
82656	64.57	13.13	5.96	0.184	0.81	3.29	3.68	1.01	0.337	0.09	5.43	98.49	6	< 1	52	280	270	6	106	20	10	< 20	30	110
82657	63.15	13.04	6.22	0.158	1.22	4.04	4.19	0.75	0.388	0.12	5.13	98.41	7	< 1	48	186	254	8	101	20	12	< 20	20	70
82658	48.5	13.86	16.52	0.227	6.73	9.23	1.7	0.17	1.246	0.09	2.29	100.6	45	< 1	336	29	97	25	73	130	54	70	130	120
82659	47	20.7	8.15	0.126	6.19	12.31	1.54	0.7	0.41	0.03	2.6	99.76	25	< 1	149	105	212	9	23	190	37	130	80	60
82660																								
82661																								
82662																								
82663																								

DASH LAKE PROJECT - 2022 SAMPLING

Sample	SiO2 (%)	Al2O3 (%)	Fe2O3(T) (%)	MnO (%)	MgO (%)	CaO (%)	Na2O (%)	K2O (%)	TiO2 (%)	P2O5 (%)	LOI (%)	Total (%)	Sc (ppm)	Be (ppm)	V (ppm)	Ba (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Cr (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)
82664																								
82665	48.72	14.47	11.23	0.204	9.3	11.79	2.01	0.47	0.587	0.04	1.81	100.6	46	< 1	239	76	89	10	33	360	44	70	< 10	100
82701	65.5	14.77	5.65	0.142	1.3	1.95	3.39	2.41	0.372	0.09	3.06	98.62	7	1	52	441	175	7	89	< 20	9	< 20	20	50
82702	65.59	12.92	6.92	0.28	0.95	2.1	4.02	1.66	0.22	0.1	4.02	98.79	5	1	34	375	266	11	60	< 20	5	< 20	< 10	70
82703	75.7	12.36	1.47	0.056	0.14	0.21	3.76	4.19	0.036	0.03	0.62	98.55	2	1	< 5	721	96	7	31	< 20	1	< 20	< 10	< 30
82704	69.18	14.64	4.79	0.07	0.24	0.8	3.19	2.5	0.395	0.09	2.71	98.6	6	< 1	48	408	111	6	102	30	11	< 20	< 10	80
82705	48.86	15.11	13.78	0.203	6.84	10.65	2.25	0.24	1.044	0.07	0.88	99.93	39	< 1	284	29	95	21	60	230	51	140	120	100
82706	49.11	14.7	13.62	0.194	6.94	10.78	2.09	0.36	0.991	0.07	0.79	99.64	38	< 1	274	29	151	21	57	220	51	120	70	100
82707	49.47	14.32	13.49	0.202	7.22	10.67	2.32	0.11	0.98	0.06	0.98	99.82	37	< 1	269	41	116	19	56	220	50	130	130	100
82708	49.13	15.44	13.87	0.199	6.59	10.14	2.62	0.17	1.048	0.08	0.83	100.1	41	< 1	291	40	107	22	61	250	52	130	110	100
82709	49.08	14.74	12.88	0.189	6.55	11.05	2.12	0.18	0.982	0.07	1.82	99.66	38	< 1	272	41	126	20	56	220	46	130	90	100
82710	50.34	13.96	15.69	0.208	6.4	9.51	2.26	0.12	1.182	0.1	0.73	100.5	45	< 1	333	19	97	24	70	140	53	60	170	110
82711	48.76	15.27	12.7	0.175	7.99	9.9	2.13	0.19	0.785	0.05	1.34	99.3	38	< 1	251	20	110	17	43	260	53	150	170	90
82712	48.09	15.73	11.94	0.176	8.5	10.25	1.67	0.36	0.722	0.05	1.93	99.42	35	< 1	230	36	91	15	40	240	52	170	180	80
82713	48.76	18.11	10.35	0.185	4.88	12.45	2.71	0.3	0.616	0.04	2.07	100.5	40	< 1	234	47	128	13	33	270	47	120	190	100
82714	69.39	15.37	3.02	0.042	0.81	2.71	4.93	0.93	0.286	0.08	1.17	98.73	4	< 1	34	386	450	3	99	30	6	< 20	< 10	50
82715	48.46	15.33	12.02	0.172	8.84	11.03	1.38	0.48	0.613	0.04	1.74	100.1	37	< 1	221	37	94	13	33	270	56	180	110	70
82716	49.01	18.78	9.08	0.145	4.9	14.6	1.38	0.28	0.558	0.04	1.96	100.7	32	< 1	201	37	102	11	29	250	46	140	100	60
82717	80.12	6.85	5.19	0.045	1.53	0.2	0.61	1.34	0.314	0.05	2.31	98.57	11	< 1	76	156	46	9	69	70	37	40	160	260
82718																								
82719	48.92	12.45	10.31	0.122	4.53	6.68	1.67	2.28	0.624	0.05	10.75	98.38	29	< 1	183	152	161	15	70	170	42	100	320	180
82720	66.04	13.46	7.75	0.039	0.94	0.34	4	1.73	0.608	0.11	3.37	98.39	15	2	112	225	166	23	257	50	69	60	450	400
82721																								
82722																								
82723																								
82724																								
82725																								
82726																								
82728																								
82729	47.85	15.68	13.18	0.181	8.34	9.49	1.85	0.29	0.844	0.05	2.54	100.3	40	< 1	263	40	94	17	46	250	52	150	90	90
82730	47.79	15.78	12.83	0.168	6.82	12.02	1.24	0.75	0.832	0.06	2.1	100.4	40	< 1	263	88	117	18	45	250	61	140	1030	80
82731	50.64	13.84	15.84	0.227	5.57	9.21	2.46	0.21	1.265	0.11	1.32	100.7	45	< 1	337	33	122	28	83	120	49	40	150	130

DASH LAKE PROJECT - 2022 SAMPLING

Sample	SiO2 (%)	Al2O3 (%)	Fe2O3(T) (%)	MnO (%)	MgO (%)	CaO (%)	Na2O (%)	K2O (%)	TiO2 (%)	P2O5 (%)	LOI (%)	Total (%)	Sc (ppm)	Be (ppm)	V (ppm)	Ba (ppm)	Sr (ppm)	Y (ppm)	Zr (ppm)	Cr (ppm)	Co (ppm)	Ni (ppm)	Cu (ppm)	Zn (ppm)
82732	93.73	1.44	2.06	0.031	0.68	0.87	0.25	0.03	0.106	< 0.01	0.52	99.74	4	< 1	31	8	12	2	7	40	4	< 20	20	< 30
82733	47.55	15.4	14.24	0.199	7.12	9.97	1.96	0.28	1.04	0.07	2.53	100.4	39	< 1	280	51	122	21	59	220	50	130	130	100
82734	48.52	15.4	14.05	0.203	6.56	11.42	2.23	0.19	1.043	0.07	0.9	100.6	40	< 1	287	30	121	21	60	230	53	130	130	140
82735	49.1	15.14	13.36	0.201	6.25	11.95	2.01	0.16	1.024	0.07	1.35	100.6	39	< 1	282	34	110	22	59	220	47	120	70	90
82736	48.38	16.41	11.71	0.232	4.42	15.41	1.31	0.07	1.077	0.08	1.33	100.4	41	1	291	11	145	22	62	270	54	130	230	90
82737	50.59	12.44	15.36	0.229	6.15	5.79	0.87	0.08	0.782	0.07	6.84	99.21	31	< 1	248	35	77	16	47	190	48	60	370	130
82738	48.7	14.89	14.41	0.187	6.53	11.49	1.86	0.24	1.02	0.08	0.96	100.3	39	< 1	284	27	93	20	57	220	50	120	150	100
82739	49.09	13.94	15.64	0.22	4.17	13.46	0.58	0.09	1.121	0.09	2.07	100.5	39	< 1	295	9	112	23	70	120	37	80	210	100

DASH LAKE PROJECT - 2022 SAMPLING

Sample	Ga (ppm)	Ge (ppm)	As (ppm)	Rb (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	In (ppm)	Sn (ppm)	Sb (ppm)	Cs (ppm)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)
82666																								
82667																								
82668																								
82669																								
82670																								
82671																								
82672																								
82673																								
82740																								
82741																								
82742																								
82743																								
82744																								
82745																								
82746																								
82747																								
82748																								
82749																								
82750																								
82651	14	1	< 5	2	2	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	2.1	5.8	0.96	5.1	1.9	0.54	2.4	0.4	3	0.6	2	0.3	2
82652																								
82653	16	1	< 5	7	2	< 2	< 0.5	< 0.2	1	< 0.5	0.7	3	7.9	1.26	6.4	2.1	0.77	3	0.5	3.5	0.8	2.3	0.34	2.2
82654	18	< 1	< 5	53	3	< 2	< 0.5	< 0.2	1	< 0.5	1.8	15.4	28.6	3.17	11.3	2	0.6	1.6	0.2	1.1	0.2	0.6	0.08	0.6
82655	18	< 1	< 5	44	3	< 2	< 0.5	< 0.2	1	< 0.5	1.3	14.2	27	2.91	10.3	1.9	0.53	1.5	0.2	1	0.2	0.5	0.08	0.5
82656	17	< 1	< 5	24	3	< 2	< 0.5	< 0.2	1	< 0.5	0.7	14.9	27.9	3.13	11	2	0.57	1.5	0.2	1.1	0.2	0.5	0.08	0.5
82657	16	< 1	< 5	17	3	< 2	< 0.5	< 0.2	< 1	< 0.5	0.6	15.4	30.5	3.43	13.1	2.5	0.63	1.9	0.3	1.4	0.3	0.8	0.11	0.7
82658	17	2	< 5	3	3	< 2	< 0.5	< 0.2	1	< 0.5	0.6	3.9	10.1	1.55	7.9	2.8	0.98	3.7	0.7	4.5	0.9	2.8	0.41	2.7
82659	14	1	< 5	31	< 1	< 2	< 0.5	< 0.2	2	< 0.5	2	1.1	3.1	0.47	2.7	0.9	0.4	1.4	0.3	1.6	0.3	1	0.15	1
82660																								
82661																								
82662																								
82663																								

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Sample	Ga (ppm)	Ge (ppm)	As (ppm)	Rb (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	In (ppm)	Sn (ppm)	Sb (ppm)	Cs (ppm)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)
82664																								
82665	15	2	< 5	15	< 1	< 2	< 0.5	< 0.2	1	< 0.5	1.3	1.5	3.7	0.6	3.2	1.1	0.49	1.4	0.3	1.9	0.4	1.2	0.18	1.2
82701	19	1	< 5	76	3	< 2	< 0.5	< 0.2	1	< 0.5	4.1	13.4	27	3.12	11.5	2	0.52	1.6	0.2	1.3	0.2	0.7	0.11	0.7
82702	17	1	< 5	66	4	< 2	< 0.5	< 0.2	1	< 0.5	3.3	10	20.7	2.4	9.4	2.2	0.39	1.9	0.3	1.9	0.4	1.1	0.15	1
82703	16	1	< 5	89	3	< 2	< 0.5	< 0.2	1	< 0.5	3.8	6	12	1.31	4.7	1.2	0.11	1	0.2	1.1	0.2	0.6	0.09	0.6
82704	18	< 1	< 5	47	3	3	< 0.5	< 0.2	< 1	< 0.5	1	14.7	27.8	3.02	10.6	1.9	0.59	1.5	0.2	1	0.2	0.5	0.07	0.5
82705	16	2	< 5	5	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3	8.1	1.28	6.7	2.2	0.76	3.1	0.6	3.6	0.8	2.3	0.34	2.3
82706	17	2	< 5	11	2	< 2	< 0.5	< 0.2	1	< 0.5	0.6	3	8.1	1.25	6.5	2.1	0.82	2.9	0.5	3.5	0.8	2.3	0.34	2.2
82707	15	2	< 5	2	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.1	8	1.27	6.5	2.2	0.78	2.9	0.5	3.6	0.8	2.3	0.34	2.3
82708	16	2	< 5	4	2	2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.2	8.6	1.36	7.4	2.4	0.83	3.1	0.6	3.9	0.8	2.4	0.37	2.5
82709	15	2	< 5	3	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3	7.8	1.21	6.3	2.2	0.76	2.8	0.5	3.6	0.8	2.2	0.33	2.3
82710	16	2	< 5	2	2	< 2	< 0.5	< 0.2	< 1	< 0.5	< 0.5	3.5	9.4	1.44	7.6	2.6	0.94	3.3	0.6	4.1	0.9	2.6	0.39	2.6
82711	15	2	< 5	6	1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.9	2.3	6	0.95	5.2	1.7	0.6	2.3	0.4	2.9	0.6	1.8	0.27	1.8
82712	14	2	< 5	14	1	2	< 0.5	< 0.2	< 1	< 0.5	1.7	2	5.5	0.84	4.4	1.6	0.59	2.2	0.4	2.6	0.6	1.7	0.26	1.7
82713	15	2	< 5	7	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.5	1.5	4.3	0.68	3.6	1.3	0.6	1.8	0.3	2.3	0.5	1.5	0.22	1.6
82714	19	< 1	< 5	23	2	2	< 0.5	< 0.2	< 1	< 0.5	0.8	9.5	17.8	1.97	6.9	1.2	0.51	0.9	0.1	0.6	0.1	0.3	< 0.05	0.3
82715	14	2	< 5	19	< 1	< 2	< 0.5	< 0.2	< 1	< 0.5	1.5	1.6	4.3	0.65	3.6	1.3	0.51	1.7	0.3	2.3	0.5	1.5	0.23	1.5
82716	15	2	< 5	8	1	< 2	< 0.5	< 0.2	< 1	< 0.5	0.6	1.4	3.8	0.62	3.2	1	0.49	1.6	0.3	1.9	0.4	1.2	0.19	1.2
82717	12	2	46	42	3	> 100	0.5	0.5	3	< 0.5	2.8	15.2	32	3.66	14.1	2.6	0.69	2.1	0.3	1.7	0.3	1	0.16	1
82718																								
82719	15	2	76	83	2	37	0.5	< 0.2	3	< 0.5	5.4	6.7	15.4	1.99	8.5	2.1	0.57	2.2	0.4	2.6	0.5	1.6	0.24	1.6
82720	20	2	79	49	9	39	1.2	0.5	4	< 0.5	2.6	29.4	61.8	7.35	28.1	5.3	1.09	4.2	0.7	4.2	0.8	2.5	0.39	2.4
82721																								
82722																								
82723																								
82724																								
82725																								
82726																								
82728																								
82729	15	2	< 5	10	2	< 2	< 0.5	< 0.2	< 1	< 0.5	1.1	2.4	6.3	0.97	5.4	1.8	0.63	2.4	0.4	2.9	0.6	1.8	0.28	1.9
82730	16	3	< 5	39	2	15	0.5	< 0.2	1	< 0.5	2.1	2.4	6.5	1.03	5.5	1.9	0.61	2.5	0.4	3	0.6	2	0.3	1.9
82731	18	2	< 5	6	3	< 2	< 0.5	< 0.2	1	< 0.5	0.6	4.2	11.3	1.79	9	3.1	0.98	4	0.7	4.9	1	3.2	0.47	3.2

DASH LAKE PROJECT - 2022 SAMPLING

Sample	Ga (ppm)	Ge (ppm)	As (ppm)	Rb (ppm)	Nb (ppm)	Mo (ppm)	Ag (ppm)	In (ppm)	Sn (ppm)	Sb (ppm)	Cs (ppm)	La (ppm)	Ce (ppm)	Pr (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Gd (ppm)	Tb (ppm)	Dy (ppm)	Ho (ppm)	Er (ppm)	Tm (ppm)	Yb (ppm)
82732	2	1	< 5	2	< 1	46	< 0.5	< 0.2	< 1	< 0.5	< 0.5	0.3	0.8	0.13	0.7	0.2	0.08	0.3	< 0.1	0.4	< 0.1	0.2	< 0.05	0.2
82733	17	2	< 5	7	2	< 2	< 0.5	< 0.2	1	< 0.5	0.7	2.9	7.9	1.22	6.5	2.2	0.74	2.8	0.5	3.5	0.8	2.3	0.34	2.3
82734	17	2	< 5	4	2	< 2	< 0.5	< 0.2	1	< 0.5	0.5	3.1	8.3	1.27	6.7	2.4	0.85	3.1	0.5	3.7	0.8	2.3	0.35	2.4
82735	16	2	< 5	3	2	< 2	< 0.5	< 0.2	1	< 0.5	< 0.5	3.1	8.1	1.23	6.2	2.2	0.8	2.8	0.5	3.5	0.8	2.1	0.33	2.2
82736	18	3	< 5	< 2	2	5	< 0.5	< 0.2	2	< 0.5	< 0.5	3	8.3	1.29	6.4	2.2	0.78	2.8	0.5	3.7	0.8	2.4	0.37	2.4
82737	16	2	< 5	6	2	5	< 0.5	< 0.2	1	< 0.5	< 0.5	2.5	6.5	0.99	5.1	1.7	0.77	2.1	0.4	2.6	0.6	1.7	0.25	1.7
82738	17	2	< 5	7	2	< 2	< 0.5	< 0.2	1	< 0.5	1	2.9	7.7	1.19	6.3	2.1	0.75	2.8	0.5	3.5	0.8	2.2	0.32	2.2
82739	20	3	< 5	2	2	< 2	< 0.5	0.2	2	< 0.5	< 0.5	3.3	8.7	1.41	7.8	2.5	0.88	3.3	0.6	4.1	0.9	2.7	0.4	2.7

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Sample	Lu (ppm)	Hf (ppm)	Ta (ppm)	W (ppm)	Tl (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
82666									
82667									
82668									
82669									
82670									
82671									
82672									
82673									
82740									
82741									
82742									
82743									
82744									
82745									
82746									
82747									
82748									
82749									
82750									
82651	0.29	1.3	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82652									
82653	0.33	1.5	0.2	3	< 0.1	< 5	< 0.4	0.2	< 0.1
82654	0.09	2.7	0.4	< 1	0.1	< 5	< 0.4	2.1	0.5
82655	0.08	2.5	0.4	2	< 0.1	< 5	< 0.4	2	0.3
82656	0.09	2.4	0.3	< 1	< 0.1	< 5	< 0.4	2	0.5
82657	0.1	2.5	0.3	< 1	< 0.1	5	< 0.4	1.9	0.4
82658	0.42	1.8	0.2	1	< 0.1	< 5	< 0.4	0.3	< 0.1
82659	0.15	0.5	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
82660									
82661									
82662									
82663									

DASH LAKE PROJECT - 2022 SAMPLING

Sample	Lu (ppm)	Hf (ppm)	Ta (ppm)	W (ppm)	Tl (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
82664									
82665	0.18	0.8	< 0.1	9	< 0.1	< 5	< 0.4	0.1	< 0.1
82701	0.11	2.2	0.4	< 1	0.2	< 5	< 0.4	1.9	0.6
82702	0.15	1.9	0.5	< 1	< 0.1	8	< 0.4	2.1	0.9
82703	0.09	1.3	0.6	< 1	0.3	7	< 0.4	2.1	1
82704	0.08	2.2	0.4	38	< 0.1	< 5	< 0.4	2.2	0.5
82705	0.35	1.4	0.2	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82706	0.33	1.5	0.2	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82707	0.35	1.5	0.1	12	< 0.1	< 5	< 0.4	0.2	< 0.1
82708	0.37	1.7	0.1	2	< 0.1	< 5	< 0.4	0.3	< 0.1
82709	0.36	1.4	0.2	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82710	0.38	1.8	0.2	< 1	< 0.1	< 5	< 0.4	0.3	< 0.1
82711	0.29	1.1	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82712	0.26	1	< 0.1	< 1	< 0.1	< 5	< 0.4	0.1	< 0.1
82713	0.25	0.7	< 0.1	< 1	< 0.1	< 5	< 0.4	0.1	< 0.1
82714	0.04	2.2	0.1	4	< 0.1	< 5	< 0.4	0.8	0.2
82715	0.23	0.8	< 0.1	26	< 0.1	< 5	< 0.4	0.1	< 0.1
82716	0.19	0.7	< 0.1	< 1	< 0.1	< 5	< 0.4	0.1	< 0.1
82717	0.15	1.5	0.2	10	0.2	< 5	2.1	2.2	0.5
82718									
82719	0.24	1.7	0.2	7	0.4	< 5	0.5	0.9	0.3
82720	0.38	4.9	0.6	11	0.2	8	1.8	4.3	1.2
82721									
82722									
82723									
82724									
82725									
82726									
82728									
82729	0.28	1.1	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82730	0.28	1.1	< 0.1	5	0.1	< 5	1	0.2	< 0.1
82731	0.48	2.1	0.2	< 1	< 0.1	< 5	< 0.4	0.3	< 0.1

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Sample	Lu (ppm)	Hf (ppm)	Ta (ppm)	W (ppm)	Tl (ppm)	Pb (ppm)	Bi (ppm)	Th (ppm)	U (ppm)
82732	0.03	< 0.2	< 0.1	< 1	< 0.1	< 5	< 0.4	< 0.1	< 0.1
82733	0.35	1.6	0.1	8	< 0.1	< 5	< 0.4	0.2	< 0.1
82734	0.35	1.5	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82735	0.34	1.4	0.1	< 1	< 0.1	< 5	< 0.4	0.2	< 0.1
82736	0.37	1.8	0.1	3	< 0.1	< 5	0.8	0.2	< 0.1
82737	0.26	1.2	< 0.1	6	< 0.1	< 5	0.7	0.2	< 0.1
82738	0.35	1.4	0.1	5	< 0.1	< 5	< 0.4	0.2	< 0.1
82739	0.41	1.8	0.2	3	< 0.1	< 5	1.4	0.3	< 0.1

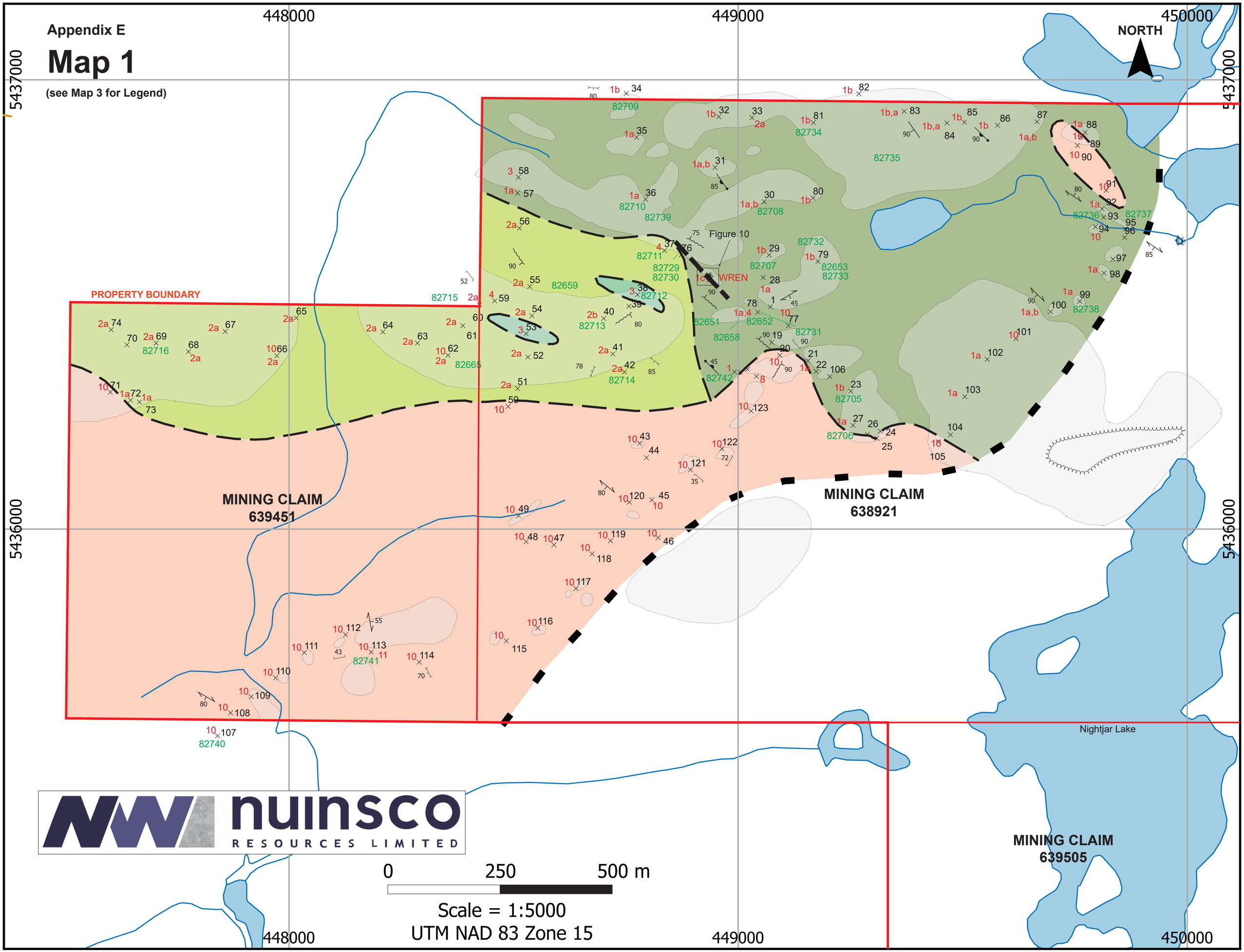
APPENDIX E

2022 Geological Maps at 1:5000

Appendix E

Map 1

(see Map 3 for Legend)



nuinsco RESOURCES LIMITED

452000

453000

NORTH

nuinsco RESOURCES LIMITED

Dash Lake

Bethune Lake

PROPERTY BOUNDARY

MINING CLAIM
638923

5437000

5436000

5435000

Appendix E

Map 2

(see Map 3 for Legend)

0 250 500 m

Scale = 1:5000
UTM NAD 83 Zone 15

458000

459000

NORTH

5440000

5439000

PROPERTY BOUNDARY

MINING CLAIM
639760

Dash Lake

Helena Lake

Pipestone Lake

0 250 500 m

Scale = 1:5000
UTM NAD 83 Zone 15

Appendix E

Map 3

Dash Lake Stock

12 — Tonalite, porphyritic; pale to medium grey. (a) quartz porphyry; (b) quartz - hornblende porphyry; (c) quartz - feldspar - hornblende porphyry

11 — Quartz porphyry dyke cutting tonalite; light grey to cream; sheared

Sabaskong Batholith

10 — Tonalite, grey to cream; medium to coarsely crystalline; locally quartz phyric

Phinney-Dash Lake Complex - intrusive phase

9 — Feldspar porphyry; beige weathering.

Phinney-Dash Lake Complex - extrusive phase

8 — Intermediate, fine ash tuff; grey, thin and well bedded.

7 — Grey to greenish - grey quartz-gabbro.

6 — Intermediate volcanic breccia; beige to brown weathering. Contains light coloured feldspar-pyroxene porphyry clasts

5 — Intermediate tuff; beige to brown weathering.

4 — Gabbro; dark grey-green; very fine to finely crystalline. Similar to gabbro found within mafic metavolcanics.

Katimiagamak group

3 — Pyroxenite; dark green, medium to coarsely crystalline

2 — Mafic metavolcanics; dark green and containing white feldspar phenocrysts up to 3 cm. Grades locally into finely crystalline gabbro. (a) Massive. (b) Pillowed and flowtop breccia.

1 — Mafic metavolcanics; dark green. May contain areas with large white feldspar phenocrysts. Grades locally into finely crystalline gabbro. (a) Massive. (b) Pillowed and flowtop breccia.

Area of outcrop

Geologic contact

Limit of mapping

60 Bedding; tops unknown

45 Pillow bedding; tops known

Foliation 45

75 Shear fabric

70 Fracture

43 Joint surface

Lithology — 5 15 ← Station Number
82702 ← Sample Number

Sample Locality

Station Locality

Edge of wooded area

nuinsco RESOURCES LIMITED

APPENDIX F

2022 Track Maps at 1:5000

448000

449000

450000

5437000

5436000

NORTH

PROPERTY BOUNDARY

MINING CLAIM
639451

MINING CLAIM
638921

MINING CLAIM
639505

Nightjar Lake

Tracks

L. Giroux

P.L. Jones

F. Ferri

nuinsco
RESOURCES LIMITED

0 250 500 m

Scale = 1:5000

UTM NAD 83 Zone 15

Appendix F

Map 1

(see Map 3 for Legend)

452000

453000

NORTH

nuinsco RESOURCES LIMITED

Dash Lake

5437000

5437000

PROPERTY BOUNDARY

Bethune Lake

5436000

5436000

MINING CLAIM
638923

Tracks

L. Giroux

P.L. Jones

F. Ferri

Appendix F

Map 2

(see Map 3 for Legend)

0 250 500 m

Scale = 1:5000

UTM NAD 83 Zone 15

5435000

452000

453000

5435000

458000

459000

NORTH

PROPERTY BOUNDARY

5440000

5440000

MINING CLAIM
639760

5439000

5439000

0 250 500 m

Scale = 1:5000
UTM NAD 83 Zone 15

Dash Lake

Helena Lake

Pipestone Lake

458000

459000

Dash Lake Stock

12 — Tonalite, porphyritic; pale to medium grey. (a) quartz porphyry; (b) quartz - hornblende porphyry; (c) quartz - feldspar - hornblende porphyry

11 — Quartz porphyry dyke cutting tonalite; light grey to cream; sheared

Sabaskong Batholith

10 — Tonalite, grey to cream; medium to coarsely crystalline; locally quartz phyric

Phinney-Dash Lake Complex - intrusive phase

9 — Feldspar porphyry; beige weathering.

Phinney-Dash Lake Complex - extrusive phase

8 — Intermediate, fine ash tuff; grey, thin and well bedded.

7 — Grey to greenish - grey quartz-gabbro.

6 — Intermediate volcanic breccia; beige to brown weathering. Contains light coloured feldspar-pyroxene porphyry clasts

5 — Intermediate tuff; beige to brown weathering.

4 — Gabbro; dark grey-green; very fine to finely crystalline. Similar to gabbro found within mafic metavolcanics.

Katimiagamak group

3 — Pyroxenite; dark green, medium to coarsely crystalline

2 — Mafic metavolcanics; dark green and containing white feldspar phenocrysts up to 3 cm. Grades locally into finely crystalline gabbro. (a) Massive. (b) Pillowed and flowtop breccia.

1 — Mafic metavolcanics; dark green. May contain areas with large white feldspar phenocrysts. Grades locally into finely crystalline gabbro. (a) Massive. (b) Pillowed and flowtop breccia.

Area of outcrop

Geologic contact

Limit of mapping

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45 Pillow bedding; tops known

Foliation 45

75 Shear fabric

70 Fracture

43 Joint surface

Lithology → 5 15 ← Station Number
82702 ← Sample Number

Sample Locality

Station Locality

Edge of wooded area

Tracks

L. Giroux

P.L. Jones

F. Ferri

Appendix F

Map 3

nuinsco RESOURCES LIMITED

APPENDIX G

Tabulated Program Costs and Distribution

2022 DASH LAKE EXPLORATION PROGRAM COSTS

Date	Item	Subtotal	Other	HST	Total
Geologists					
June 15-28, 2022	Jones - 8 days	6000			6000
June 15-28, 2022	Ferri - 8 days	5200			5200
June 15-28, 2022	Giroux - 7 days	3500			3500
Oct 25-Nov 1, 2022	Jones - 5 days	3750			3750
Oct 25-Nov 1, 2022	Ferri - 5 days	3250			3250
Reporting	Ferri - 6 days	3900			3900
Reporting	Giroux - 7 days	3500			3500
Flights					
14-Jun-2022	Giroux: YYZ-YWG	512.12	0	66.58	578.7
14-Jun-2022	Jones: YYZ-YWG	512.12	0	66.58	578.7
14-Jun-2022	Ferri: YOW-YWG	502.12	0	65.28	567.4
28-Jun-2022	Ferri: YWG-YYJ	633.12	0	31.66	664.78
01-Jul-22	Giroux: YWG-YOW	614.12	0	38.54	652.66
01-Jul-22	Jones: YWG-YOW	614.12	0	38.54	652.66
24-Oct-22	Jones: YOW-YWG	748.2	0	86.08	662.12
24-Oct-22	Ferri: YYJ-YYG	620.12		31.01	651.13
01-Nov-22	Jones: YYG-YOW	721.12		36.54	757.66
01-Nov-22	Ferri: YYG-YYJ	589.12		29.46	618.58
Accommodations					
June 14 2022	Fairmont Winnipeg - room 1	369.57		17.18	386.75
June 14 2022	Fairmont Winnipeg - room 2	301.4		14.13	315.53
June 2022	Canadian Haven NF	3180	0	413.4	3593.4
June 28 2022	Fairmont Winnipeg - 1/2 of bill	498.44	0	22.89	521.33
Oct 25 2022	Fairmont Winnipeg - room 1	358.16	0	41.79	399.95
Oct 25 2022	Fairmont Winnipeg - room 2	437.72	264.08	43.29	745.09
Oct 2022	Canadian Haven NF	1295.00	0	168.35	1463.35
Nov 1 2022	Fairmont Winnipeg - room 1	250.76		11.85	262.61
Nov 1 2022	Fairmont Winnipeg - room 2	268.42		12.25	280.67
Meals					
14-Jun-2022	CIBO café	73	47	14.4	134.4
15-Jun-2022	Quick 13 Kenora	25.44	0	3.31	28.75
15-Jun-2022	Safeway Kenora	460.63	0	9.15	469.78
16-Jun-2022	Cloverleaf Emo	148.87	0	3.9	152.77
17-Jun-2022	Dalsegs Trading	27.88	0	2.76	30.64
19-Jun-2022	Safeway FF	129.57	11.92	7.01	148.5
20-Jun-2022	Safeway FF	54.94	6.04	5.48	66.46
22-Jun-2022	Dalsegs Trading	2.49	6.12	0.77	9.38
22-Jun-2022	Dalsegs Trading	8.86	0	0.65	9.51

25-Jun-2022	Cloverleaf Emo	71.46	0	0.61	72.07
26-Jun-2022	Greens BBQ	59.5	13.5	7.35	80.35
27-Jun-2022	Dalsegs Trading	10.47	0	1.36	11.83
28-Jun-2022	Inn at the Forks	85	120	24.6	229.6
25-Oct-2022	Earls	148.75	19.99	17.85	186.59
25-Oct-2022	Real Canadian Superstore	235.65	0	2.2	237.85
25-Oct-2022	Safeway Kenora	32.05	0	0.45	32.5
26-Oct-2022	Safeway FF	6.6	0	0.86	7.46
26-Oct-2022	Safeway FF	48.44	0	4.11	52.55
26-Oct-2022	Flint House Fort Frances	65.01	52.25	13.42	130.70
31-Oct-2022	Earls	198.75	28.94	23.85	251.54
Truck Rental					
1-Jul-2022	Enterprise	3070.71	0	368.49	3439.2
1-Nov-2022	Hertz Winnipeg	1442.59	0	160.3	1602.89
Fuel					
15-Jun-2022	Husky Kenora	62.02		8.06	70.08
16-Jun-2022	Petro-Canada	81.88		10.64	92.52
19-Jun-2022	Safeway FF	78.56		10.21	88.77
20-Jun-2022	Helliars	120.75			120.75
26-Jun-2022	Petro-Canada	137.88		17.92	155.8
26-Oct-2022	Husky FF	131.88		17.15	149.03
31-Oct-2022	Shell Kenora	24.73		3.21	27.94
Supplies					
14-Jun-2022	Cabelas	257.16	0	30.84	288
15-Jun-2022	CDN Tire	32.28	74.24	13.85	120.37
25-Oct-2022	CDN Tire	94.24	0	11.31	105.55
Assays					
5-Aug-2022	Actlabs - A22-09073	3916.5	0	509.15	4425.65
pending	Actlabs - A22-16847	*0*	0	0	0
	Total =	**$ 53,470**			

2022 DASH LAKE - WORK DISTRIBUTION BY CLAIM

Claim	# Samples	%	% Rounded
638921	50	0.69	69
638923	10	0.14	14
639451	4	0.06	6
639760	8	0.11	11
Total	72	100	100