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Summary Report for 2021

Fieldwork Program on the Golden Arm-Humlin Property and North Madsen Property

Fairlie, Todd, & Baird Townships, Red Lake Mining Division, Ontario
52N/4, 52M/1

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SUMMARY

This report details the work completed in 2021 in which Evolution Mining explored the Golden Arm-Humlin-North Madsen Property ("the Property")

Shoreline outcrop mapping and geochemical sampling in the Property occurred from August to October 2021 over 9 days. A total of 93 mapping stations were recorded. A total of 43 grab samples and 14 channel samples were collected for analysis. The purpose of the program was to delineate the deformation zones, determine their spatial relationship relative to the Balmer-Confederation Assemblage unconformity and assess the areas gold mineralization potential. The Property was accessed by boat so that two-three person teams could carry out mapping and sampling activities.

The program successfully delineated the anastomosing intersection of the NE trending Post Narrows (D1) and the WNW trending St. Paul Bay-Pipestone Bay (D2) deformation zones. The lack of a Confederation (or younger) aged conglomerate above the intersection of these structures is not favourable for preservation of mineralization. In addition, the deformation zone has a narrow ankerite and silicification alteration footprint which is also a poor indication of a sizeable deposit. Further exploration is not recommended in the Fisher Islands area. Future targeting should focus elsewhere along strike of the deformation zones.

Coordinate data for all work was recorded in UTM (NAD83 Zone 15N).

1.0 INTRODUCTION

The Golden Arm-Humlin-North Madsen Property ("the Property") is situated approximately 8 km west of the town of Red Lake in Northwestern Ontario, Canada. The Property includes several historic claim blocks, some of which are 100% Evolution-owned, while others are held as joint ventures with Evolution acting as the majority owner and operator. Work in the North Madsen area dates back to 1926, with the first major exploration program (including sinking of the Paulore exploration shaft) targeting Au-bearing veins on the Redaurum property in the 1930s and work expanding to the surrounding claim groups over the following decades. The first record of exploration for the Golden Arm & Humlin area dates back to 1950 by J. Hurnous Sr. & Jr.

The Property is primarily underlain by Balmer assemblage mafic flows interbedded with thick gabbro and ultramafic intrusions and occasional interflow sediments and felsic- to intermediate-volcanic horizons. Confederation age sediments overlie the Balmer assemblage volcanics in the Golden Arm & Humlin portion of the property.

Evolution Mining selected Golden Arm & Humlin as a gold exploration target based on its proximity to an unconformity, intersection of regional deformation zones, and favourable litho-structural setting. This report details the 2021 fieldwork at the Golden Arm & Humlin project (geological mapping, lithogeochemical sampling) and the 2021 rehabilitation of outcrop stripping at the North Madsen project.

2.0 LOCATION & ACCESS

The Property is situated approximately 8 km west of the town of Red Lake in Northwestern Ontario, Canada (Figure 1); the closest population centre is the town of Madsen, Ontario, just 2.5 km south of the property boundary. Red Lake is a full-service community and is road accessible year-round on the paved all-weather highway ON-105. The Property lies within the boundaries of Todd, Fairlie & Baird townships. The Golden Arm & Humlin Property extends from Wolf Bay to the West to the Fisher Islands to the East. The North Madsen rehabilitation project is primarily within the Baird Township, with one rehabilitation location within the Fairlie township 200 m south of the Red Lake shoreline.

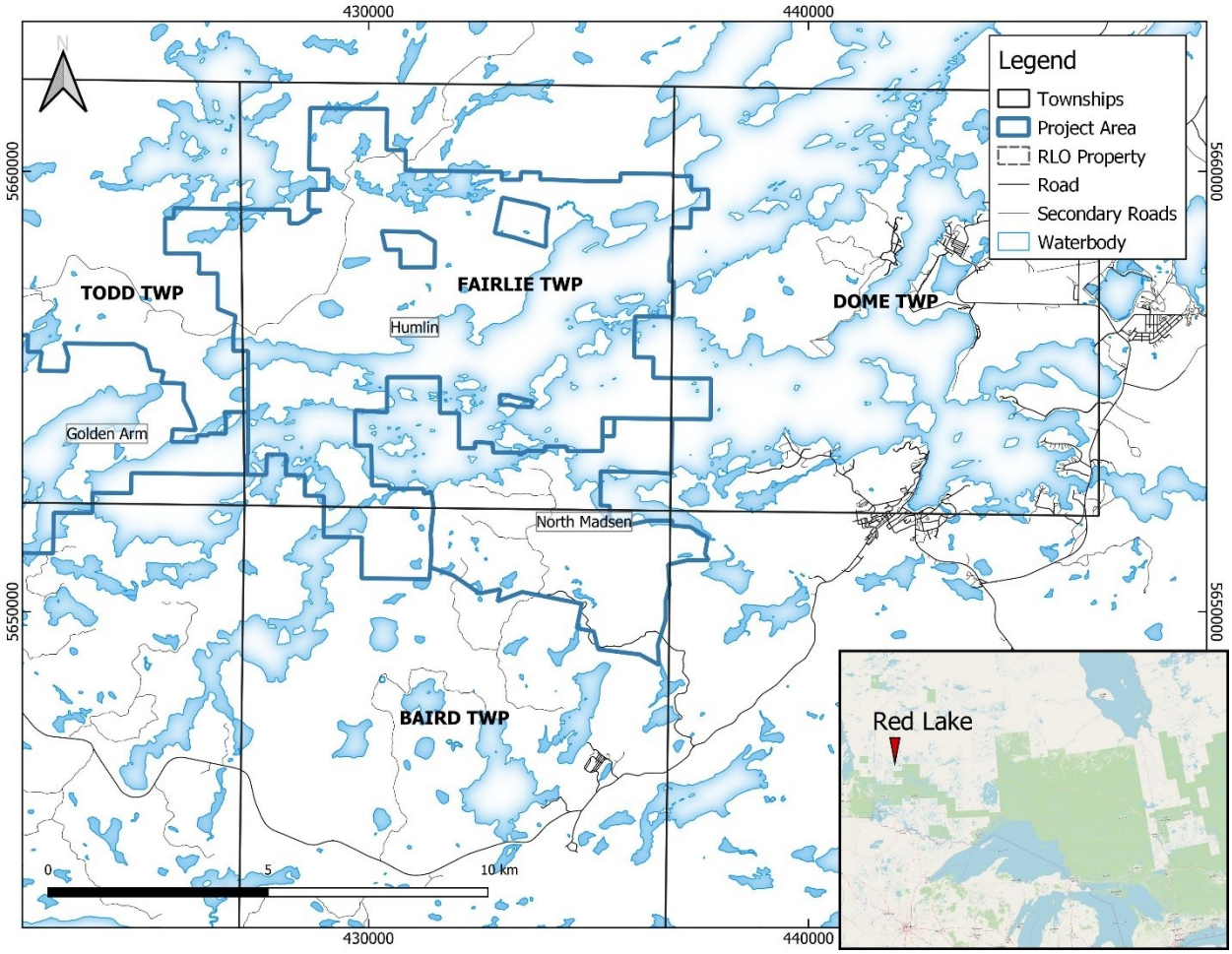

Figure 1. Golden Arm-Humlin-North Madsen Property Location Map. Project areas defined by Evolution Mining.

The Golden Arm & Humlin Property is accessible only by boat. The distance from the boat dock at the Red Lake Golf and Country Club at McNeely Bay to the Golden Arm & Humlin Property is approximately 16 km.

The North Madsen Property is accessible year-round by car or 4-wheel drive vehicle. Starting at the stoplights in Red Lake, best access is by driving south for 7.7 km on the paved highway ON-618 towards Madsen, then taking a right onto the Russet Lake Road, a well-maintained active dirt logging road. Note that the entrance to Russet Lake Road is gated; a key and permission to use the road must be obtained from Pure Gold Mining, whose exploration office is in Madsen. Once through the gate, the Russet Lake Road can be followed for approximately 3.5 km to the property boundary. A network of smaller active logging roads provides good access to most parts of the property. An all-terrain vehicle is recommended for access on secondary and tertiary roads.

3.0 CLAIMS & LAND STATUS

Evolution Mining acquired the Red Lake Gold Mines land package from Newmont-Goldcorp in November 2019. The Newmont-Goldcorp merger took place in January 2019. Prior to the merger the Red Lake Gold Mines Partnership formed in April 2007 between Goldcorp Canada Ltd. (28%) and Goldcorp Inc. (72%), collectively referred to as 'Goldcorp' for the purposes of this report. Evolution Mining then acquired the Battle North Corporation land package in September 2021. Battle North Corporation was previously known as Rubicon Minerals Corporation prior to an August 2020 name change. Rubicon Minerals Corporation, 'Rubicon', acquired their land package via many transactions through prospector Perry English, as well as prospector David Meunier. Rubicon acquired the Bateman Gold Project in the Bateman Township, previously known as the Phoenix Project from Dominion Goldfields Corporation in August 2009. These two land packages together form a large contiguous block of claims of over 72,000 Ha, in the Red Lake Mining Division and centred on the historic Cochenour, Campbell and Red Lake mine sites. The block of claims is collectively known as the Red Lake Operations (RLO).

This assessment report is summarising work carried out on selected claims within the Red Lake Operations, refer to Table 1, and Figure 2 below, being:

(i) 7 Mining Cell claims in the Golden Arm project area in the Todd Township, previously known as the Wolf Bay project by Battle North Corporation. These claims were staked for Rubicon in 2001;

(ii) 21 Mining Cell claims in the Humlin project area in the Fairlie Township, previously known by the same name by Battle North Corporation. These claims were originally staked in 1995, 1996 and 1998 by Perry English and transferred to Rubicon in 2007;

(iii) 8 Mining Cell claims and one Mining Patent in the North Madsen project area in the Fairlie Township, previously known as the Humlin/Redruth project by Goldcorp. The claims were originally staked for Placer Dome Canada Limited in 1994, and together with the Mining Patent subsequently acquired by Goldcorp as part of the Barrick Gold Corporation's takeover of Placer Dome Inc. in 2006.

All Mining Cell claims are in good standing with anniversary dates ranging from March 2023 to November 2025. The Patent is kept in good standing by paying the annual mining land taxes.

Table 1. Golden Arm-Humlin-North Madsen Property Claim Block, reconnaissance mapping and sampling.

Tenure No.	Type	RLO Project Area	Township	Area (ha)	Ownership
163630	Boundary Cell	Golden Arm	TODD	17.626	Evolution Mining Gold Operations Ltd
152360	Single Cell	Golden Arm	TODD	20.306	Evolution Mining Gold Operations Ltd
203836	Single Cell	Golden Arm	TODD	20.310	Evolution Mining Gold Operations Ltd
235690	Single Cell	Golden Arm	TODD	20.308	Evolution Mining Gold Operations Ltd
261606	Single Cell	Golden Arm	TODD	20.310	Evolution Mining Gold Operations Ltd
272366	Single Cell	Golden Arm	TODD	20.306	Evolution Mining Gold Operations Ltd
314113	Single Cell	Golden Arm	TODD	20.308	Evolution Mining Gold Operations Ltd
100982	Single Cell	Humlin	FAIRLIE	20.301	Evolution Mining Gold Operations Ltd
177391	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
177390	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
164263	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
259611	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
164262	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
214863	Single Cell	Humlin	FAIRLIE	20.304	Evolution Mining Gold Operations Ltd
115106	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
196180	Single Cell	Humlin	FAIRLIE	20.304	Evolution Mining Gold Operations Ltd
215100	Single Cell	Humlin	FAIRLIE	20.304	Evolution Mining Gold Operations Ltd
195254	Boundary Cell	Humlin	FAIRLIE	0.957	Evolution Mining Gold Operations Ltd
213245	Single Cell	Humlin	FAIRLIE	20.304	Evolution Mining Gold Operations Ltd
309738	Boundary Cell	Humlin	FAIRLIE	17.509	Evolution Mining Gold Operations Ltd
147112	Single Cell	Humlin	FAIRLIE	20.306	Evolution Mining Gold Operations Ltd
147111	Single Cell	Humlin	FAIRLIE	20.304	Evolution Mining Gold Operations Ltd
250460	Single Cell	Humlin	FAIRLIE	20.302	Evolution Mining Gold Operations Ltd
242407	Single Cell	Humlin	FAIRLIE	20.304	Evolution Mining Gold Operations Ltd
242408	Single Cell	Humlin	FAIRLIE	20.306	Evolution Mining Gold Operations Ltd
164138	Boundary Cell	Humlin	FAIRLIE	7.636	Evolution Mining Gold Operations Ltd
213246	Boundary Cell	Humlin	FAIRLIE	4.741	Evolution Mining Gold Operations Ltd
204801	Single Cell	Humlin	FAIRLIE	20.308	Evolution Mining Gold Operations Ltd
101094	Boundary Cell	North Madsen	FAIRLIE	1.922	Evolution Mining Gold Operations Ltd.
341229	Boundary Cell	North Madsen	FAIRLIE	16.727	Evolution Mining Gold Operations Ltd.
262231	Boundary Cell	North Madsen	FAIRLIE	14.192	Evolution Mining Gold Operations Ltd.
166841	Boundary Cell	North Madsen	FAIRLIE	17.860	Evolution Mining Gold Operations Ltd.
282286	Single Cell	North Madsen	FAIRLIE	20.322	Evolution Mining Gold Operations Ltd.
282285	Boundary Cell	North Madsen	FAIRLIE	16.887	Evolution Mining Gold Operations Ltd.
259615	Boundary Cell	North Madsen	FAIRLIE	19.375	Evolution Mining Gold Operations Ltd.
271599	Boundary Cell	North Madsen	FAIRLIE	15.930	Evolution Mining Gold Operations Ltd.
PAT-8264	Patent	North Madsen	FAIRLIE	17.130	Evolution Red Lake Nominee Ltd.

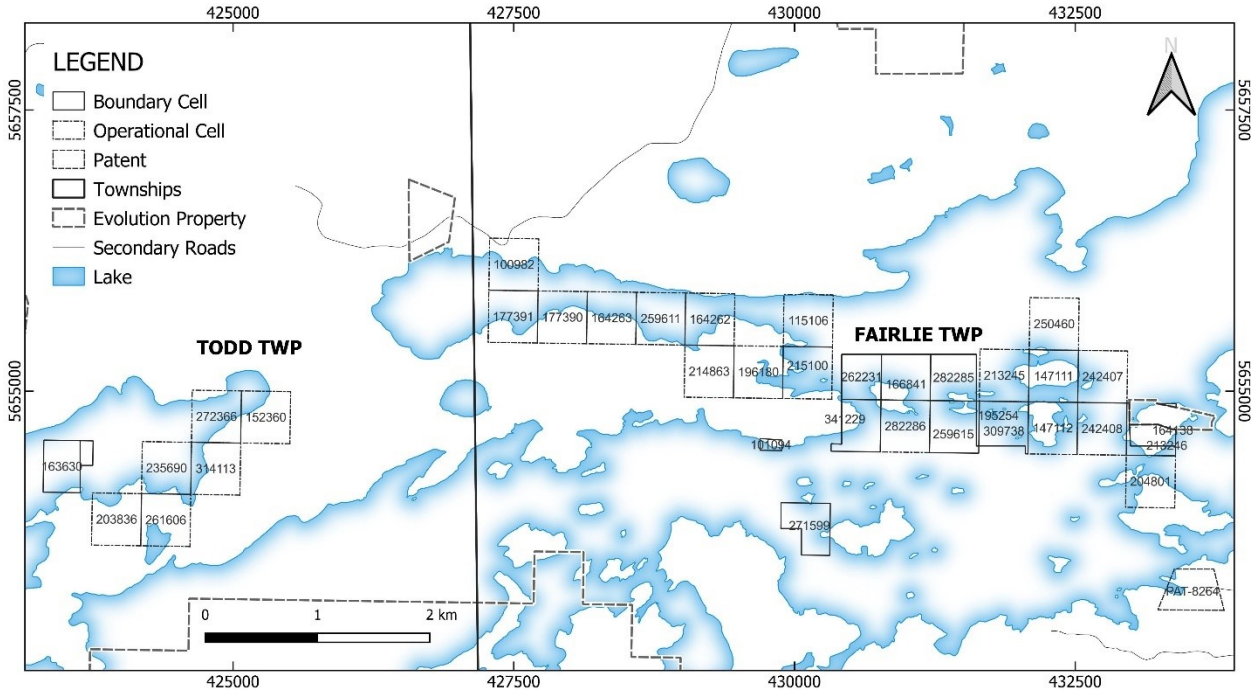

Figure 2. Golden Arm-Humlin-North Madsen Land Tenure on which reconnaissance mapping and sampling was done. See Appendix IV for detailed mapping.

4.0 PREVIOUS WORK

4.1 Golden Arm & Humlin

The Golden Arm & Humlin area has been subject to intermittent exploration activities over the years consisting of limited diamond drilling and geophysical surveys (see Table 2). The first record of exploration in MNDM assessment files dates back to 1950 by J. Hurnous Sr. & Jr..

Rubicon Minerals Corp began work on the Golden Arm & Humlin area in 1999 with reconnaissance prospecting and mapping followed by a detailed helimag survey. The data acquired delineated ultramafic bodies and intersecting structures which were targeted by diamond drilling in 2002 and 2007.

In 2021 Evolution Mining acquired the Golden Arm & Humlin area upon the purchase of Battle North (formerly Rubicon Minerals Corp).

Table 2. Previous work at the Golden Arm-Humlin Property

Year	Company	Work Completed	Area of Property
1950	J. Hurnous Sr &Jr	diamond drilling, 11 holes (324 m)	Fisher Islands
1961	Dickenson Mines Ltd.	diamond drilling, 2 holes (441 m)	Fisher Islands
1961	Alcon Exploration and Mining	diamond drilling, 5 holes (167 m)	Fisher Islands
1964	Dickenson Mines Ltd.	diamond drilling, 4 holes (343 m)	south of Martin Bay
1966	Cochenour Explorations Ltd.	diamond drilling, 6 holes (542 m)	Martin Bay
1970	Madsen Red Lake Gold Mines Ltd.	ground magnetic and EM survey	Fisher Islands
1971	Madsen Red Lake Gold Mines Ltd.	diamond drilling, 1 hole (418 m)	Fisher Islands
1972	C.H. Huston	40 km line grid @ 61 m (200 ft) line spacing VLF EM survey; diamond drilling, 1 hole (123 m)	Middle Narrows
1973	C.W. Peterson	diamond drilling, 10 holes (984 m)	Fisher Islands
1976	C.W. Peterson	diamond drilling, 7 holes (633 m)	Fisher Islands
1977	C.W. Peterson	diamond drilling, 9 holes (1008 m)	Fisher Islands
1980	Selco Mining Corporation	ground magnetic and Max Min horizontal loop EM surveys; diamond drilling, 1 hole (68 m)	south of Martin Bay
1981	Gold Fields Mining Corp.	ground magnetic and VLF EM surveys	Middle Narrows, Martin Bay, Fisher Islands
1982	Gold Fields Mining Corp.	diamond drilling, 7 holes (689 m)	Fisher Islands
1985	Homestake Mineral Development Company	Aerodat airborne magnetic and VLF EM survey (202 line km)	Fisher Islands
1986	Chevron Resources	lake sediment sampling	Fisher Islands
1987	Chevron Resources	geological mapping and geochemical sampling; diamond drilling, 4 holes (948 m)	Fisher Islands
1987	Noramco	ground magnetic and VLF EM surveys	Martin Bay
1990	D.J. Meunier	diamond drilling, 1 hole (152 m)	Fisher Islands
1991	Aur Resources	geological mapping and prospecting	Fisher Islands
1997	Wolfden Resources Inc.	ground magnetic survey	Fisher Islands
2001	Rubicon Minerals	Airborn Magnetometer survey	Wolf Bay, Martin Bay, Fisher Islands
2002	Rubicon Minerals	Diamond Drilling, 4 holes (911 m)	Fisher Islands
2003	Rubicon Minerals	Diamond Drilling, 2 holes (682 m)	Fisher Islands
2007	Rubicon Minerals	Diamond Drilling, 3 holes (1380 m)	Fisher Islands

4.2 North Madsen

In common with many properties in the Red Lake district, the North Madsen Property has a long history of exploration, with the first work recorded in 1926 (Table 3). Mining development is limited to a shaft with three underground levels sunk at the Shaft Zone in 1937; no production was recorded from the shaft and mining development ceased in 1939. Subsequently the Property was explored in several blocks (i.e., Baird, Parvus, Redaurum, Humlin/Redruth, Humlin Extension) by a variety of different operators. The North Madsen Property (including the Baird and Redaurum JVs) was finally consolidated by Goldcorp Inc. in the 2000s. The most recent work on property

consisted of detailed outcrop mapping, geochemical soil sampling, drilling and outcrop stripping by Newmont Goldcorp from 2018-2019.

No areas with significant hazards or risks were identified on the North Madsen Property.

Table 3. Summary of Previous Work on the North Madsen Property

Year	Company	Work Completed	Block	Reference
1926	Dome Mines	property acquisition, stripping, trenching, and limited diamond drilling	Redaurum	Stechishen 2007
1936- 1938	Paulore Gold Mines	Trenching of the Shaft Zone; 17 surface drill holes totalling 1189 m testing the Shaft Zone; sinking of a 3-compartment shaft to 98 m depth; two levels and a sublevel underground totalling 297 m of lateral development; and 22 underground drill-holes from the 150-foot level	Redaurum	Horwood 1940
1937- 1940	Durham Red Lake Gold Mines	prospecting, stripping, trenching, locating four separate zones of gold-bearing mineralization	Parvus	Siriunas 1989
1939	Howey Mines Ltd.	Two drill holes totalling 269 m on the No. 2 Zone as part of an option agreement	Redaurum	Horwood 1940
1941	Howey Mines Ltd.	Humlin A Zone - mapping, trenching and diamond drilling	Humlin	Stechishen 2010
1944- 1946	Redaurum Red Lake Mines Ltd.	Diamond drilling	Redaurum	Stechishen 2007
1945	Humlin Red Lake Gold Mines	Humlin A, C and D zones drilled (88 holes, totaling 9700m)	Humlin	Stechishen 2010
1945-1946	Redruth Gold Mines Ltd.	Trenching and approximately 6100 m of diamond drilling on Redruth No.3, 4, and 8 veins	Humlin	Stechishen 2010
1947	Durham Red Lake Gold Mines	37 drill holes totalling 4,572 m, as well as a small amount of x-ray drilling	Parvus	Ruttan 1947
1951	Scheelaur Mines	Discovery and trenching of the Dom Creek scheelite showing; and 4 drill holes totalling 124 m	Baird	Bayne, 1951
1960	Parvus Mines	Parvus Mines consolidates claims under ownership of Dickenson Mines Ltd., re-establishes the grid, completes stripping, mapping, sampling, drills 4,408 m in 15 holes	Parvus	Stechishen 2009
1965	Ontario Geological Survey	Mapping across Baird Township at a scale of 1:12,000, including coverage of most of the Redruth, Humlin, Baird and Redaurum blocks, and part of the Parvus block. Showings also described in this report	North Madsen	Ferguson 1965
1970	Madsen Red Lake Gold Mines	Ground Magnetic and Electromagnetic survey on the lake north of the North Madsen property, but including the Humlin Extension block of the property	Humlin Extension	Dundas & Jagodits, 1970
1971	Ontario Geological Survey	Todd & Fairlie townships mapped by R. A. Riley	North Madsen	Riley, 1978
1972	C.W. Peterson	Geophysics (EM survey), mechanized stripping, diamond drilling on large island in northwestern part of property	Humlin Extension	Stechishen 2010

1975	C.D. Huston	geophysics (EM and ground magnetics), mapping, and resampling of old showings	Humlin	Stechishen 2010
1978	Orelock Exploration Ltd.	Diamond drilling	Redaurum	Stechishen 2007
1980	Selco Ltd.	Geophysics (VLF-EM and magnetic surveys), mapping, lithogeochemical soil and humus sampling over Humlin A and C zones, and Redruth No.1 Vein, and drilling	Humlin	Stechishen 2010
1981	Selco Ltd.	2 drill holes totalling 338 m drilled on the ice testing under Red Lake; 123-1 & 123-2	Humlin Extension	Pryslak 1983
1982	Selco Ltd.	14 winkie drill holes totalling 721 m, mainly testing the Redruth 4 & 8 veins	Humlin	Pryslak 1983
1984- 1985	Redaurum Red Lake Gold Mines Ltd.	Mapping, geochemistry, geophysics, and drilling	Redaurum	Stechishen 2007
1986	Redaurum Red Lake Gold Mines Ltd.	access road construction, winter drilling, geological mapping, geophysical surveying, line cutting, trenching and sampling.	Redaurum	Stechishen 2007
1986-1987	Redaurum Red Lake Mines Ltd.	Limited geophysics (VLF-EM and magnetics), mechanical stripping of Redruth veins (No. 3, 4, 8 and 11), and diamond drilling of Humlin A Vein, and Redruth No. 1 and 4 veins.	Humlin	Stechishen 2010
1987	Unit Reef Petroleums Ltd.	Ground geophysical magnetometer and IP surveys, geologic mapping, and 1704 m of drilling in 17 drill holes	Baird	Siriunas 1989
1987	Goldquest	Work performed on behalf of Parvus Mines (a public company managed by Dickenson Mines Limited), consists of reinforcing the Coin Creek bridge, 65 km of line-cutting, 52 of magnetometer survey, 194.5 tractor hours of overburden stripping, 1:2500 scale geological mapping, washing and sampling (126 channel samples) of bulldozer exposures, and 4,408 m of drilling in 15 drillholes focused on the Dom Creek showing	Parvus	Sannes & Van Tassell, 1988
1988	Unit Reef Petroleums Ltd.	22 holes totalling 6,173.7 m testing the Dom Creek showing and the area to the east	Baird	Siriunas 1989
1989	Noranda	2 drillholes testing the eastern extension of the No. 4 Zone	Parvus	Stechishen 2009
1995	Placer Dome Canada Ltd.	Ground magnetic survey over property, and limited IP survey from No. 4 Vein to D Zone, prospecting, geological mapping, litho-geochemical and soil sampling programs.	Humlin	Stechishen 2010
1995	Placer Dome Canada Ltd.	Reconnaissance litho-geochemical sampling programme on the Humlin Extension islands, 191 samples in total; and mapping at a scale of 1:5000	Humlin Extension	Deveau, 1996
1996	Placer Dome Canada Ltd.	Mechanized stripping, with detailed follow-up mapping	Humlin	Stechishen 2010
1997	Placer Dome Canada Ltd.	Diamond drilling, ten holes totaling 1333m.	Humlin	Stechishen 2010

1997-1999	Placer Dome Canada Ltd.	Placer Dome optioned the property from United Reef Petroleums and conducted preliminary mapping, magnetometer and IP geophysical surveys before returning the property to the vendor	Baird	Busch 2003
1998	Placer Dome Canada Ltd.	Additional 30km of IP survey, mechanical stripping and diamond drilling (8 holes totaling 1341.11m)	Humlin	Stechishen 2010
2000	Cypress Development Corporation	900 m of drilling in 7 drill holes, targeting the Dom Creek zone and IP anomalies	Baird	Busch 2003
2000	Goldcorp Inc.	EM, magnetics and radiometrics flown as part of a regional survey	North Madsen	Stechishen 2009
2001	Goldcorp Inc.	Mobil Metal Ion (MMI) survey completed over the Parvus block	Parvus	Stechishen 2009
2002	Skyharbour Developments Ltd.	Georeferencing of previous grid and collars; relogging of core; MMI survey totalling 532 samples with a 100 m line spacing and 12.5 m sample intervals; and 8 drillholes totalling 1,586.7 m, primarily targeting the Dom Creek zone	Baird	Busch 2003
2003	Placer Dome Canada Ltd.	Placer Dome enters into an option agreement with Sabina Resources	Redaurum	Stechishen 2007
2003	Placer Dome Canada Ltd.	Drilling Humlin north area (C and D Zone areas) 5 holes, totaling 3417m	Humlin	Stechishen 2010
2003	Placer Dome Canada Ltd.	Geological/structural-mapping program, trenching, soil geochemical sampling program, and diamond drilling (6,823 m in 9 drillholes, RED03-51 to RED03-59)	Redaurum	Stechishen 2007
2003-2005	Skyharbour Developments Ltd.	Skyharbour Developments Ltd. Completes 19 drillholes totalling 7,053 m	Baird	Busch 2003
2004-2005	Placer Dome Canada Ltd.	Placer Dome drills 16 holes (red04-60 & red05-61 to red05-75) totalling 5,493 m; these holes focused on the Shaft Zone and the Paulore Fault corridor in proximity to the No. 2, No. 3 and 14a showings	Redaurum	Labonté 2006
2006-2007	Goldcorp Inc.	16 drillholes totalling 6,213.5 m testing the Shaft Zone, iron formation in the northern part of the property, the East trench and the area north of the Treasure Box showing	Redaurum	Stechishen 2007
2007	Goldcorp Inc.	2 drillholes totalling 705 m testing the Parvus No. 3 & No. 4 zones	Parvus	Stechishen 2009
2008	Goldcorp Inc.	5 drillholes totalling 3080.5 m of core, HUM08006 - HUM08010, testing magnetic highs, soil geochemistry anomalies and an area west of the Redruth No. 4 & No. 8 veins	Humlin	Stechishen 2010
2018-2019	Goldcorp Inc.	Geologic mapping, outcrop stripping, geochemical soil sampling program, diamond drilling (13 drillholes totalling 4,323.7 m) and airborne geophysics	North Madsen	Fingas 2019

5.0 GEOLOGIC SETTING

5.1 Regional Geology

The Golden Arm-Humlin-North Madsen Property is hosted within the central portion of the Red Lake Greenstone Belt (RLGB), a meso- to Neoarchean greenstone belt hosted within the laterally extensive Superior Craton. Specifically, the RLGB lies within the Uchi Subprovince, a linear belt approximately 80 km wide and more than 400 km long which sits along the south margin of the predominantly Mesoarchean North Caribou Terrane, at its contact with the Neoarchean metasediment-dominated English River Subprovince. The Uchi Subprovince is highly gold-endowed, including several major producers in the RLGB (Campbell, Dickenson, Red Lake, Cochenour and Madsen Mines), as well as significant producers from other greenstone belts including the Uchi, Jalda, Argosy, Golden Patricia, Central Patricia and Pickle Crow mines.

The RLGB records roughly 300 million years of episodic volcanic activity, accompanied by intermittent sedimentation, plutonism, tectonic activity and gold mineralization. Since the discovery of economic gold mineralization at the Howey Deposit in 1925, the geologic evolution of the RLGB has been extensively researched; Table 4 presents a current understanding of the belt's history. The tholeiitic Balmer assemblage is the oldest unit in the belt; it consists primarily of massive to pillowed basaltic flows, with lesser interbedded komatiite, basaltic komatiite, rhyolite, intermediate volcanics and interflow sediments. Some sections also include large bedding-parallel peridotite flows or intrusions (Sanborn-Barrie 2000). The Balmer stratigraphy is exposed primarily in the eastern and south-central portions of the RLGB and is host to the most productive mines in the RLGB including the Campbell, Dickenson, Red Lake, Cochenour, and Madsen Mines.

The Ball Assemblage postdates the Balmer Assemblage and may be in tectonic contact (Sanborn-Barrie 2000); the Ball Assemblage is exposed in the western half of the RLGB and is host to the Rowan Mine as well as the Mt. Jamie and Red Crest showings. The Ball Assemblage comprises calc-alkalic basalt, andesite, dacite and rhyolite along with minor komatiitic flows and, locally, stromatolitic marbles. Postdating the Ball Assemblage are the Mesoarchean Bruce Channel Assemblage (volcaniclastic fragmental rocks, pebble conglomerate, wacke, siltstone, and iron formation); the Neoarchean Confederation Assemblage (intermediate tuff breccia and lapilli tuff, pyroclastic tuff, rhyolitic flows, pillowed mafic volcanics, andesitic to dacitic pyroclastic rocks and synvolcanic diorite and tonalite); as well as several smaller assemblages (Sanborn-Barrie 2000).

Two major deformation episodes (D1 and D2) are interpreted to have postdated Confederation Assemblage volcanism (2742 Ma) (see Table 4 and O'Dea, 1999). D1 deformation is constrained to 2742-2733 Ma (Dube et al. 2004). Deformational features of this episode are interpreted to be in response to east-directed shortening (Dube et al. 2004). The D2 event is interpreted as a major, long-lived episode of progressive deformation resulting in folding and a pervasively developed

NW fabric, as well as plutonism, widespread carbonate alteration and Au mineralization between 2718 – 2714 Ma.

Table 4. Summary of critical events for the Red Lake Greenstone Belt; O'Dea (1999)

AGE	GEOLOGIC EVENT	TECTONIC CONTEXT
-2714 Ma REGIONAL METAMORPHISM REGIONAL COMPRESSION	D_2 Deformation -Late slip on Black Line Faults - Late auriferous quartz tension veins - Continued displacement on shear zones - Localization of Au mineralization and alteration in shears - Extensive Fe-Carbonate-quartz veining - WNW striking reverse left-lateral shear zones - Reactivation of extensional faults - Overprinting of D_1 structures - WNW striking folds and fabrics - NE-SW shortening during regional N-S compression	KENORAN OROGENY Subduction-related Fold-thrust belt Development (accretionary tectonics)
	D_1 Deformation - Strain shadows of plutons left relatively undeformed - Reverse sense reactivation of extensional faults - NE striking folds, thrusts and fabrics - NW-SE shortening during regional N-S compression	Subduction-related Fold-thrust belt Development (accretionary tectonics)
	Pluton Emplacement - Heat engine for circulating hydrothermal fluids - Induced onset of regional metamorphism - Induced localization of regional shortening - Thermally weakened surrounding crust - Subvolcanic source of Confederation Volcanics	Volcano-plutonic arc Setting
2750-2730 Ma	Calc-Alkaline Confederation Assemblage	Volcano-plutonic arc setting And N-S extension
2730-2700 Ma	- Development of original Confederation Shear Zone	Post-rift unconformity or Structural contact
~2894 Ma	– – – – – – – – –	Rift or arc setting with NW-SE extension
	Bruce Channel Assemblage	Post-rift unconformity or Structural contact
	- Development of original Hoyles Bay Shear Zone	
2992-2964 Ma	– – – – – – – – –	Rift setting
	Tholeiitic Balmer Assemblage	

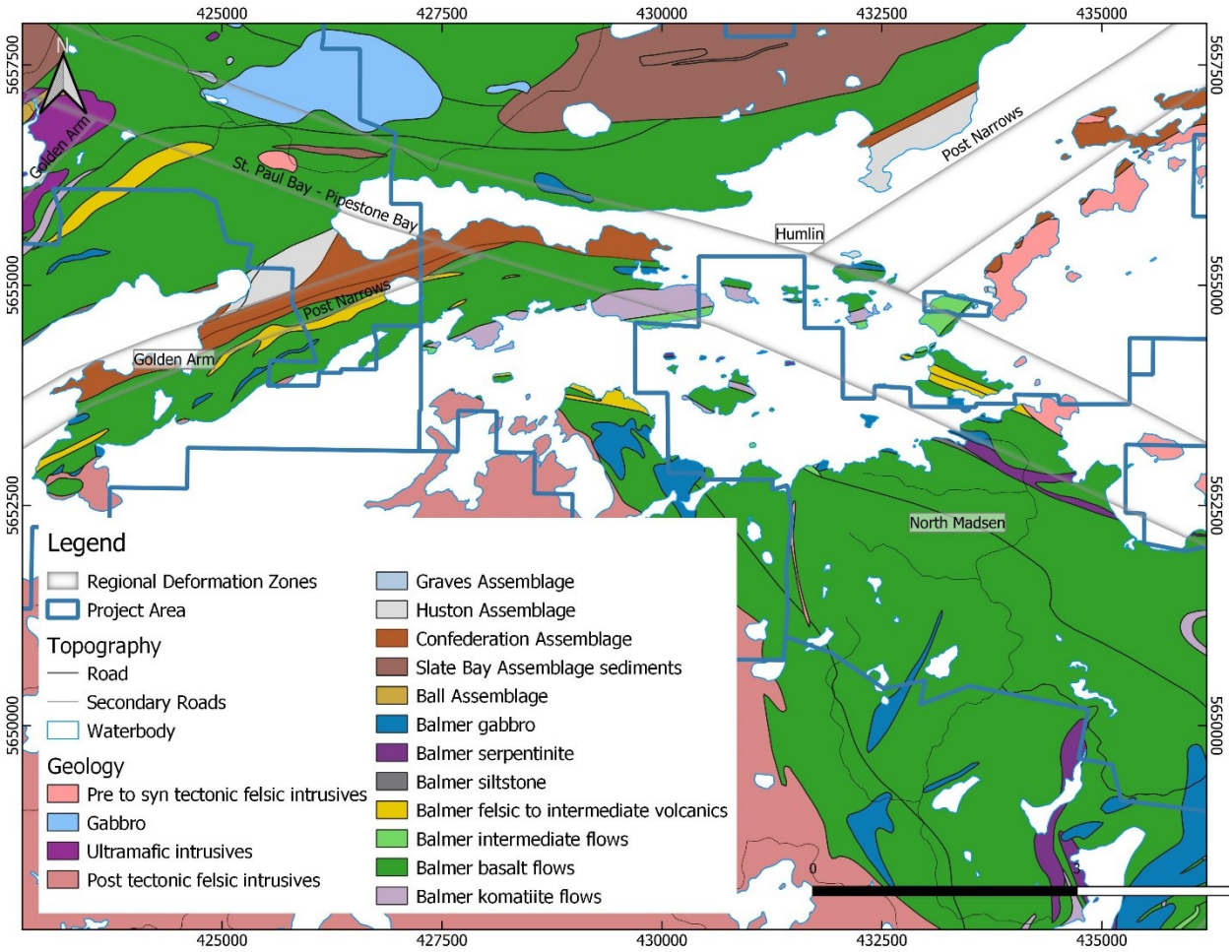

Figure 3. Golden Arm-Humlin-North Madsen Property Geology, after Sanborn-Barrie et al (2004).

5.2 Golden Arm & Humlin Property Geology

The steeply dipping stratigraphy of the Golden Arm & Humlin property dominantly trends SW to E from Wolf Bay in the West to the Fisher Islands in the East. The Golden Arm & Humlin property is dominated by mafic volcanic rocks of the Balmer Assemblage which are in contact with the younger Confederation Assemblage along the Northern margin of the property. The contact between the Balmer and Confederation Assemblages is a fault contact of the D1 Post Narrows Deformation zone and is strongly foliated. The D2, WNW trending St. Paul Bay-Pipestone Bay deformation zone offsets the D1 Post Narrows Deformation Zone.

The Balmer Assemblage metavolcanics are broadly similar to the Balmer stratigraphy in the eastern half of the RLGB which hosts the deposits of the Campbell, Dickenson and Red Lake mines. The dominant Balmer Assemblage lithology observed in the area is basalt which is either massive or pillowed. Gabbroic sills are present on the eastern most Fisher islands as well as intercalated chert and banded iron formation. Ultramafic intrusive is present south of Martin Bay.

To the north, the Balmer Assemblage is in faulted contact with siliciclastic sediments and felsic tuffs of the Confederation Assemblage. The sediments are dominantly siltstones interbedded with sandstones and tuffs. In Wolf Bay a strongly magnetic pebble to cobble conglomerate unit demarcates the contact between the Confederation and Balmer Assemblage. As per Sanborn-Barrie et al (2004) this conglomerate is part of the Confederation Assemblage. This conglomerate is not observed along strike in Martin Bay and is interpreted to be offset by the St. Paul Bay-Pipestone Bay deformation zone.

The Golden Arm & Humlin area is transected by the WNW St. Paul Bay-Pipestone Bay deformation zone (D2) which dextrally offsets the NE Post Narrows Deformation zone (D1). The northern margin of the Fisher islands has strong planar fabric development associated with the St. Paul Bay-Pipestone Bay deformation zone that dips steeply to the south. Whereas planar fabrics associated with Post Narrows Deformation Zone are less common and weaker, dipping moderately to steeply south. The Post Narrows Deformation Zone to the west of the St. Paul Bay-Pipestone Bay deformation zone is not prevalent and is interpreted to be demarcated and overlain by conglomerate.

Table 5. Representative lithologies of the Golden Arm-Humlin Property. Assemblages as shown in Sanborn-Barrie et al (2004).

Lithology	Assemblage	Description
Basalt	Balmer	Aphanitic to very fine grained Massive or pillowed Dark green-grey
Gabbro	Balmer	Fine-medium grained Holocrystalline
Intrusive ultramafic	Balmer	Fine to medium grained Massive Magnetic
Tuff, mafic	Confederation	Lapilli to quartz crystal tuff Strongly foliated Fine grained Light green-grey
Siltstone	Confederation	Very fine grained Black to light grey Laminated and/or parallel bedded Intercalated with sandstones
Sandstone	Confederation	Bedded Fine to medium grained May contain monomict clasts <1cm in size, matrix supported Intercalated with siltstones
Conglomerate	Confederation	Clast supported Clasts up to 20 cm in size Clasts of laminated siltstone and quartz/chert (oligomictic) Sub-angular to sub-rounded clasts Magnetic

6.0 MINERALIZATION

Hydrothermal alteration within the Golden Arm & Humlin Property is dominated by pervasive silicification of all units and pervasive to banded Fe-carbonate alteration of mafic rocks. Sericite and fuchsite alteration was also noted in tuffaceous units and basalts in close proximity to the St. Paul Bay-Pipestone Bay deformation zone. Disseminated pyrite and pyrrhotite (<3%) was observed in basalt, siltstone and tuffs within the deformation corridor through the Fisher Islands as well as elevated As and Sb.

Veining is common throughout the Fisher Islands and is dominated by Fe-carbonate veins and lesser quartz veining. They occur as discontinuous stringers (<0.5 cm wide) and veinlets (0.5 to 8 cm wide). Fe-carbonate veins may also occur as brecciated zones.

7.0 WORK PROGRAM 2021

7.1 Golden Arm-Humlin-North Madsen Reconnaissance Mapping and Sampling

Shoreline outcrop mapping and geochemical sampling in the Golden Arm & Humlin area occurred from August 17th to September 15th, 2021. Crews of 2 to 3 geologists spent a total of 8 days collecting data and samples. A total of 93 mapping stations were recorded (see Appendix I). A total of 43 samples were collected for analysis using Analysis suite Prep-31H+Au_ICP22+ME-MS61r (see Appendix II).

All data (e.g., lithology, alteration, structure, sample data) was recorded using QField software installed on a Samsung Galaxy Active Tab3 tablet with internal GPS. Coordinates were recorded in UTM, NAD83 Zone 15N. Structural measurements were recorded using either a Suunto geological compass or using the Clino application installed on the tablet. Other equipment used typical for a mapping and sampling project included Geotuls, pen magnets, scribes, polyethylene sample bags, zip ties and hand lens. QGIS© was used to plot spatial data and to re-interpret the property geology (see Appendix IV for detailed map).

Additionally, a two-person geology crew spent one day in October 2021 collecting channel samples of an ankerite breccia veins at two separate locations (Figure 4). A total of 14 channel samples were collected varying in length from 30 to 60 cm. Channels were cut to an approximate depth and width of 10 cm and 5 cm respectively. Channels were oriented perpendicular to the vein. Personnel cut the channels using handheld water-cooled Stihl TS 700 channel saw with diamond blade. Water was provided by a handheld pressurized water sprayer. Full face respirators were worn in addition to standard PPE when using the channel saws. Samples were chiseled out manually using a 3 lb sledge and a cold chisel and placed in polyethylene sample bags. Samples were analysed using Analysis suite Prep-31H+Au_ICP22+ME-MS61r.

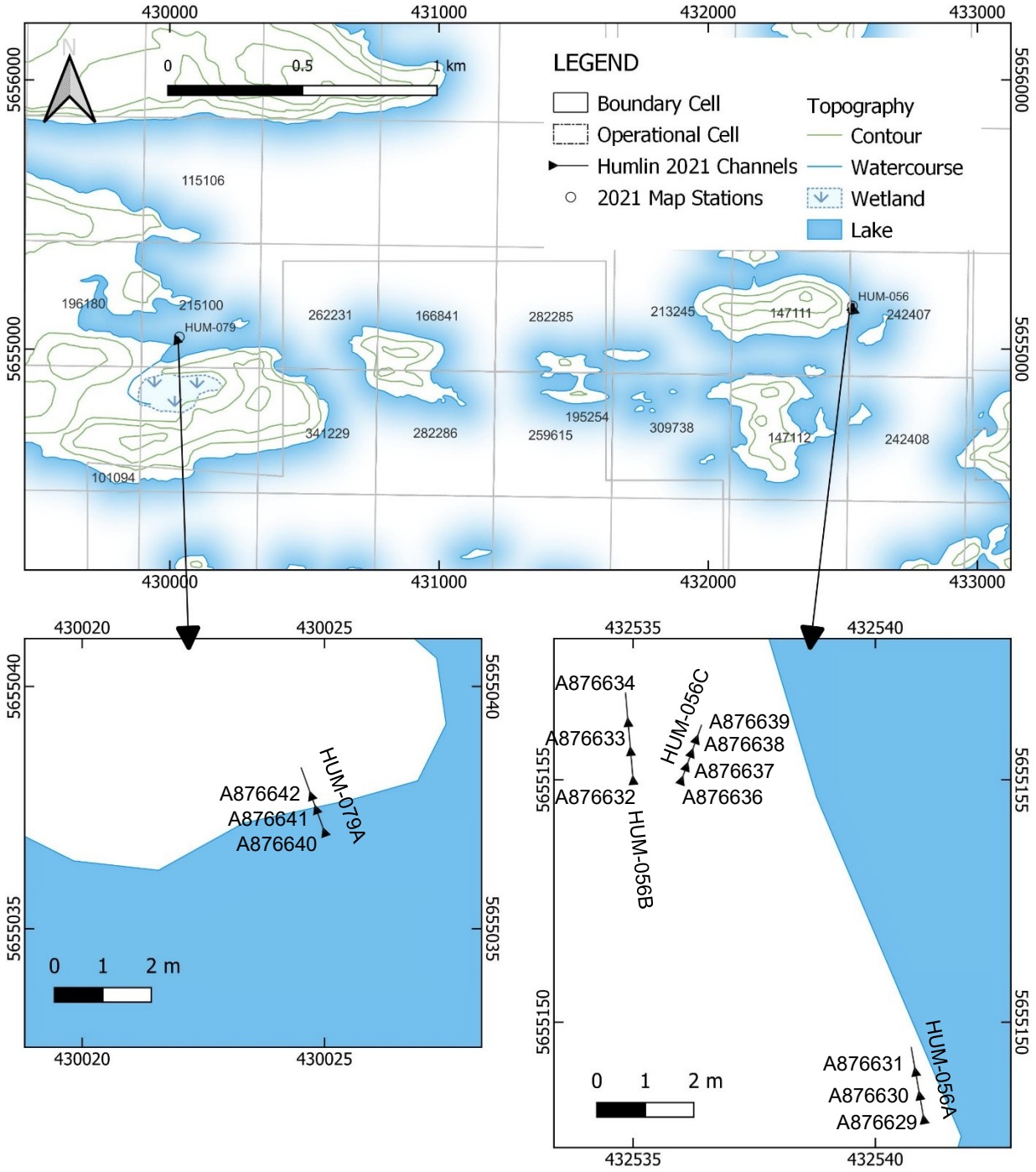

Figure 4. Location of channel samples. See Table 6 for more information.

Table 6. List of collected channels. All samples were noted has having ankerite alteration. See Figure 4 for locations.

Channel	Sample ID	Easting NAD83Z15	Northing NAD83Z15	Azimuth	Total Length (m)	From (m)	To (m)	Lithology	Qualifier	Au ppm	As ppm
HUM-056A	A876629	432541	5655148	349	1.5	0	0.5	Basalt	Sheared	0.001	973
HUM-056A	A876630					0.5	1	Basalt	Sheared	<0.001	746
HUM-056A	A876631					1	1.5	Basalt	Sheared	<0.001	1280
HUM-056B	A876632	432535	5655155	354	1.8	0	0.6	Basalt	Sheared	<0.001	1720
HUM-056B	A876633					0.6	1.2	Basalt	Sheared	<0.001	1625
HUM-056B	A876634					1.2	1.8	Basalt	Sheared	<0.001	896
HUM-056C	A876636	432536	5655155	20	1.2	0	0.3	Basalt	Breccia	<0.001	343
HUM-056C	A876637					0.3	0.6	Basalt	Breccia	<0.001	550
HUM-056C	A876638					0.6	0.9	Basalt	Breccia	<0.001	1440
HUM-056C	A876639					0.9	1.2	Basalt	Breccia	<0.001	773
HUM-079A	A876640	430025	5655037	342	1.4	0	0.5	Basalt	Sheared	0.003	9.2
HUM-079A	A876641					0.5	0.8	Vein		0.001	6.1
HUM-079A	A876642					0.8	1.4	Basalt	Sheared	0.002	4.7

The goal of the program was to:

1. Delineate the major structures (i.e., Post Narrows and St. Paul Bay-Pipestone Bay deformation zone) and determine their relationship relative to conglomerate units of Confederation Assemblage age or younger
2. Assess the intersection of the deformation zones and unconformity for Au mineralization

The southern portion of the property is dominated by basalt, both pillowed and massive, and lesser gabbroic sills of the Balmer Assemblage. Interflow sediments such as chert and iron formation are rare in the map area but may be observed on the easternmost mapped island. This island is also the only location in which folded volcano-stratigraphy can be readily observed along the southern shore. Axial traces trend NE and folds plunge moderately to the SW.

The Balmer volcano-stratigraphy is in faulted contact with siliciclastic sediments and tuffs which are interpreted as being the Confederation Assemblage. In the Fisher Islands area intermediate, very fine-grained tuffs are directly adjacent to the Balmer Assemblage basalt. These tuffs are strongly foliated, have a light grey to light green hue and locally contain angular lithic fragments and or fine crystals. The remaining Confederation aged sediments are dominated by siltstone that are often finely laminated. Laminae are defined by color variations between black to light grey bands which are reflective of mineralogy and/or minor grain size variation. Sandstones are generally bimodal in grain size, matrix supported and containing monomict, lithic, angular clasts

<0.5 cm in size. Younging direction of stratigraphy can be determined by fining upward sequences where both siltstones and sandstones occur. In Wolf Bay a strongly magnetic conglomerate unit demarcates the contact between the Confederation and Balmer Assemblage. The pebble to cobble conglomerate is clast supported. Clast composition is comprised of sub-angular to sub-rounded laminated siltstones and chert. The conglomerate is interpreted to be syn-depositional with movement along the Post Narrows Deformation Zone.

The program successfully delineated the NE trending Post Narrows (D1) and WNW trending St. Paul Bay-Pipestone Bay (D2) deformation corridors. The central shear of both deformation zones is observed to be <100 m wide with anastomosing splays across the Fisher islands forming an area of deformation that is up to 500 m wide. The St. Paul Bay-Pipestone Bay deformation zone follows the contact between the Balmer and Confederation assemblage across the northern margin of the Fisher islands, producing that strong planar fabric observed in the intermediate tuff and basalt. The strong planar fabric development associated with the St. Paul Bay-Pipestone Bay deformation zone trends approximately 100° and dipping steeply (>70°) to the south. Planar fabrics associated with Post Narrows Deformation Zone are less common and weaker trending approximately 70° and dipping moderately to steeply south. The WNW St. Paul Bay-Pipestone Bay deformation zone (D2) dextrally offsets the NE Post Narrows Deformation zone (D1). The preservation of the conglomerate demarcating the Post Narrows Deformation Zone to the west of the St. Paul Bay-Pipestone Bay deformation zone but not to the east indicates that the eastern block has been uplifted relative to the western block.

Alteration in the map area is closely associated with the St. Paul Bay-Pipestone Bay deformation zone creating a narrow ankerite and silicification halo. Veins are often narrow and discontinuous as they are boudinaged by shearing.

8.0 CONCLUSIONS & RECOMMENDATIONS

The Golden Arm-Humlin-North Madsen geologic mapping and sampling program delineated the Post Narrows and St. Paul Bay-Pipestone Bay deformation zone. The WNW trending St. Paul Bay-Pipestone Bay deformation zone dextrally offsets the Post Narrows deformation zone creating an anastomosing array of interlinking structures throughout the Fisher islands. The lack of a Confederation (or younger) aged conglomerate to the east of the St. Paul Bay-Pipestone Bay deformation zone indicates this block is uplifted relative to the western block.

The intersection of these deformation zones is associated with silicification and ankerite alteration with a narrow footprint. Due to the lack of significant Au assays, narrow alteration halo, and lack of preservation above the intersecting deformation zones (i.e. uplift and erosion of younger units such as the conglomerate) further exploration is not recommended in the Fisher Islands area. Future targeting should focus elsewhere along strike of the deformation zones.

9.0 SUMMARY OF EXPENDITURES

Golden Arm-Humlin-North Madsen 2021 Summary of Expenditures

Category	Date	Invoice #	Company	Description	Amount
Assays: Grab Samples	18-Sep-21	5649163	ALS Canada Ltd.	Grab Sample Assays: $102.50/sample for 43 grab samples	2,442.98
Assays: Grab Samples	18-Oct-21	5678723	ALS Canada Ltd.		1,964.53
Assays: Channel Samples	25-Nov-21	5714100	ALS Canada Ltd.	Channel Sample Assays: $86.74/sample for 14 channel samples	1,214.42
				Subtotal	**5,621.93**
Food: per Diem				28-Man days @ $50/day per person	1,400.00
				Subtotal	**1,400.00**
Fuel: Boat			Evolution Mining Gold Operations Ltd.	Approx. 20L per day for 8 days (grab) + 1 day (channel) = 180 L @ $1.50/L	270.00
				Subtotal	**270.00**
Consumables	22-Apr-21	41654	Deakin Industries	GEOTUL axe handles: 3 @ $20.00	60.00
Consumables	22-Apr-21	41654	Deakin Industries	Metal Ax wedges: 3 @ $0.49	1.47
Consumables	22-Apr-21	41654	Deakin Industries	RITE IN THE RAIN notebooks: 3 @ $30.95	92.85
				Subtotal	**154.32**
Grab Sampling - Geologists			Evolution Mining Gold Operations Ltd.	Fieldwork for grab sampling: 3 geologists @ $415/day for 8 days	9,960.00
Channel Sampling - Geologists			Evolution Mining Gold Operations Ltd.	Fieldwork for channel sampling: 2 geologists @ $415/day for 1 day	830.00
Rehabilitation - Technician			Evolution Mining Gold Operations Ltd.	Supervision of rehabilitation: 1 Technician @ $200/day for 9 days	1,800.00
				Subtotal	**12,590.00**
				TOTAL	**18,236.25**

REFERENCES

Bayne, A.S., 1951. Report on tungsten discoveries by Col in A. Campbell and Harry L. Isaacs on the Campbell-Dome Creek group, Baird and Fairlie Townships, Red Lake area, Kenora District (Patricia Portion), Ontario: Unpublished proprietary report for Scheelaur Mines Ltd. by A.S. Bayne and Company, Oct., 1951, 13pp.

Busch, D.J., 2003. Baird Property Progress Report, Baird TWP., Red Lake Area. For Skyharbour Developments Ltd., October 16, 2002, 25 pp.

Deveau, S.W., 1996. Geological Report – 1995 Work Programme Humlin Extension Claims and Surrounded claim Fairlie Township, Ontario, NTS: 52N/4. For Placer Dome Canada Limited, February 1996, 11 pp.

Dube et al. 2004. Timing of Gold Mineralization at Red Lake, Northwestern Ontario Canada: New Constrainsts from U-Pb Geochronology at the Goldcorp High-Grade Zone, Red Lake Mine, and the Madsen Mine. Economic Geology, Vol. 99, pp. 1611–1641

Dundas, T.R.B., & Jagodits, F.L., 1970. A geophysical Report on a combined ground magnetic and electromagnetic survey of the Red Lake Area, Ontario. For Madsen Red Lake Gold Mines ltd., by Kenting Earth Sciences, April 1970. 10 pp.

Ferguson, S.A. 1965. Geology of the Eastern Part of Baird Township, District of Kenora. Ontario Department of Mines, Geological Report No. 39.

Horwood, H.C. 1940. Geology and mineral deposits of the Red Lake Area. Ontario Department of Mines, Forty-Ninth Annual Report, VOL. XLIX, Part II, 1940

Labonté, J. 2006. Update on the Redaurum Claim Group (Sabina/Claude Option Agreement). Memo report for Placer Dome Ltd., 7 pp.

O'Dea, M.G. 1999. Structural Framework and Targeting Strategy for the Northeastern Part of the Archean Red Lake Greenstone Belt, NW Ontario. 86 pp. Steffen Robertson & Kirsten Consulting Engineers, for Goldcorp Inc.

Pryslak, A.P. 1983. The Humlin-Redurth Options, Fairlie & Baird Twps. Geology – Summary of Exploration and Potential for Gold Deposits, for Selco Mining, 31 pp.

Riley, R. A., 1978. OGS Map 2406, Todd Township 1:12000 scale

Ruttan, G.D., 1947, Report on diamond drilling operations for the period January 15th to August 1st, 1947, Durham Red Lake Gold Mines Limited: Unpublished proprietary report, September 1947, 5pp.

Sanborn-Barrie, M., Skulski, T. & Parker, J.A., 2004. Geology, Red Lake Greenstone Belt, Western Superior Province, Ontario. Geological Survey of Canada, Open File 4594. 1:50,000 scale colour map.

Sanborn-Barrie, M., Skulski, T. & Parker, J.A., & Dube, B., 2000. Integrated regional analysis of the Red Lake greenstone belt & its mineral deposits, western Superior Province, Ontario. GSC Current Research 2000-C18, 16pp.

Sannes, D.L., & Van Tassell, R.E., 1988. Summary of 1987 Exploration Activities. For Parvus Mines Limited, May 16, 1988, 2 pp.

Siriunas, J.M., 1989. Report on the Dom Creek Gold Property, Baird Township, Red Lake Area, Ontario. For United Reef Petroleums Limited, 36 pp.

Stechishen, A.M. 2007. Summary Report for 2006 - 2007 Diamond Drilling Program, Redaurum Property, Baird Township, Ontario 52N4. For Goldcorp Inc., 12 pp.

Stechishen, A.M. 2009. Summary Report for 2007 Diamond Drilling Program, Parvus Property, Baird Township, Ontario 52N4. For Goldcorp Inc., 5 pp.

Stechishen, A.M. 2010. Summary Report for 2008 Diamond Drilling Program, Humlin-Redruth Property, Baird Township, Ontario, 52N4. For Goldcorp Inc., 6 pp.

STATEMENT OF QUALIFICATIONS

I, Logan Kucherhan, of the city of Red Lake, in Ontario, Canada,

Hereby Certify That:

1. I am a full-time Geologist at Evolution Mining's Red Lake Operation in Balmertown, Ontario, Canada. Employed as Exploration Superintendent.

2. I graduated with a bachelor's degree in Geology from Brandon University in January of 2013, with a Bachelor of Science Honours majoring in Geology.

3. I am a registered professional geoscientist with the Professional Geoscientists of Ontario (PGO) (#3340) and have been a registered professional geoscientist since March of 2018.

4. I have worked in the mineral exploration industry for approximately 10 years.

5. This report was written by Lydia Calhoun who was an employee of Evolution Mining and reported to me.

6. I have reviewed this report and can confirm all information in this report is correct and contains no false pretenses.

7. While Lydia worked on the Golden Arm & Humlin block of the Property for the duration of the 2021 work program, I was her direct supervisor and had overviewed these exploration activities.

8. I have no material financial interest in this property and have disclosed any potential conflicts of interest.

Dated this 1st day of March 2023 at Balmertown, Ontario, Canada.

Logan Kucherhan, P. Geo.

Appendix I – Field Station Notes

Station	Easting NAD83Z15	Northing NAD83Z15	Date	Mapper	Lithology	Comments
HUM-001	431058	5654835	8/17/2021	Lydia Calhoun	Basalt	Pillow younging to SSE. No alteraiton or mineralization. Pillow interiors have interesting textures.
HUM-002	431039	5654863	8/17/2021	Lydia Calhoun	Basalt	Weak silicification. Discontinuous, foliation parallel ankerite veinlets.
HUM-003	431001	5655031	8/17/2021	Lydia Calhoun	Intermediate Lapilli tuff	Medium grey with dark grey clasts aligned to foliation, sub angular. Varies from slate to 10-20cm thick beds. Local laminated chert beds. Peels off. Large blocks likely slumped. Strong silicification. Disseminated pyrrhotite.
HUM-004	430855	5655143	8/17/2021	Lydia Calhoun	Intermediate Crystal tuff	Alteration changes across outcrop. South side has dark grey/black bands (Biotite), transitioning to more green alteration (chlorite or sericite). Margin of shear zone, still strong foliation/weak shear.
HUM-005	430711	5655080	8/17/2021	Lydia Calhoun	Intermediate Crystal tuff	Sheared. Moderate carbonate alteration
HUM-006	430659	5655030	8/17/2021	Lydia Calhoun	Mudstone	Fin grained. Weak chlorite alteration.
HUM-007	430265	5655114	8/17/2021	Lydia Calhoun	Basalt	Possible pillow margin. Weak foliation, but in line with shear. Must be just adjacent to shear margin.
HUM-008	430707	5654966	8/17/2021	Lydia Calhoun	Intermediate Lapilli tuff	Alternating thick competent layers and strongly foliated sections. Competent secitons contain 1 cm oblong foliation parallel clasts, strongly silicified. Rusty weathering.
HUM-009	430735	5654876	8/17/2021	Lydia Calhoun	Basalt	Weak foliation. Outside of strong shear to North.
HUM-010	430950	5654814	8/17/2021	Lydia Calhoun	Mafic Lapilli tuff	Different texture than basalt. Moderately foliated tuff, granular. Weak silicification. Ankerite vein about 15 cm wide with 2 cm wide quartz vein along margin. Vein oblique to foliation.
HUM-011	430983	5654788	8/17/2021	Lydia Calhoun	Basalt	Easily see pillows in the water
HUM-012	431020	5654810	8/17/2021	Lydia Calhoun	Basalt	Foliated.
HUM-013	431367	5654969	8/17/2021	Lydia Calhoun	Basalt	Weak foliation. Weak silicification.
HUM-014	431543	5654972	8/17/2021	Lydia Calhoun	Basalt	Sugary texture. No orange alteration. Patchy carbonate alteration. Foliated.
HUM-015	431628	5654823	8/17/2021	Lydia Calhoun	Basalt	Overall no foliation
HUM-016	431391	5654835	8/17/2021	Lydia Calhoun	Basalt	Weakly flattened pillows. Foliation intensity increases from S to North. Local ankerite vein 1 cm wide parallel foliation.
HUM-017	431495	5654903	8/17/2021	Lydia Calhoun	Basalt	Massive
HUM-018	431402	5654943	8/17/2021	Lydia Calhoun	Basalt	From south to north, changes from Orange weathered easy to break basalt (ankerite alteration) to hard resistant Grey basalt (strong silicification).
HUM-019	433062	5654598	8/17/2021	Lydia Calhoun	Basalt	Pillows are not flattened. Black CHL stringers.
HUM-020	433084	5654500	8/17/2021	Lydia Calhoun	Basalt	
HUM-021	433005	5654554	8/17/2021	Lydia Calhoun	Cherty argillite	Little to no mag. Chert beds. Beds are 5-15 cm thick. Truncated by basalt. Strong iron staining.

Station	Easting NAD83Z15	Northing NAD83Z15	Date	Mapper	Lithology	Comments
HUM-022	432962	5654563	8/18/2021	Lydia Calhoun	Basalt	Synform core. Younger mafics cross cut older sediments. Resembles gabbro but most likely a sill, not later intrusive.
HUM-023	432944	5654568	8/18/2021	Lydia Calhoun	Basalt	Resembles gabbro but likely sill not late intrusive.
HUM-024	432952	5654564	8/18/2021	Lydia Calhoun	Cherty argillite	Recessively weathers between mafics
HUM-025	432931	5654603	8/18/2021	Lydia Calhoun	Basalt	Fine grained.
HUM-026	433020	5654562	8/18/2021	Lydia Calhoun	Basalt	Intermixed basalt and chert beds. Folded. Progression from a silt to intermixed to cherty siltstone to magnetic siltstone crosscut by Gaboro. Gossan type weathering from sulphides
HUM-029	433300	5654877	8/18/2021	Lydia Calhoun	Cherty argillite	
HUM-030	433324	5654881	8/18/2021	Lydia Calhoun	Basalt	Contact of basalt and sediment. Conformable with bedding (younging to west). Local brecciation observed usually underwater. Pillows easily observed under water. Fairly undeformed.
HUM-034	433348	5654576	8/18/2021	Lydia Calhoun	Basalt	Very weak spaced cleavage. Pillowed. Way up to NW
HUM-035	433182	5654424	8/18/2021	Lydia Calhoun	Basalt	Pillowed.
HUM-036	432310	5654522	8/18/2021	Lydia Calhoun	Basalt	Basalt with pillow shapes transitioning to Gabbroic outcrop with no clear contact. Fine grained. Weathered surface blocky and massive . Featureless.
HUM-037	432094	5654629	8/19/2021	Lydia Calhoun	Basalt	Varying shear intensity from, weak to mod. About two m wide shear zone with late cross fault. Pillows on North side of point. Elongated parallel to foliation. But not particularly flattened. Weak patchy carbonate alteration.
HUM-038	432084	5654774	8/19/2021	Lydia Calhoun	Basalt	Pillowed
HUM-039	432114	5654733	8/19/2021	Lydia Calhoun	Gabbro	Massive blocky. Proper gabbro. No shear. Holocrystalline. 1% disseminated pyite.
HUM-040	432031	5654810	8/19/2021	Lydia Calhoun	Basalt	3 m wide shear. Remainder of outcrop is fractured. Weak brecciation. Localized discrete 15 cm wide shears. Carbonate alteration and carbonate vein stringers.
HUM-041	431994	5654839	8/19/2021	Lydia Calhoun	Basalt	Mod to strong shear along North shore. Pre- to syn- tectonic veins in shear. Breccia within shear, 0.5 m wide, appears syntectonic .Dismembered quartz stringers and local carbonate veining. Varying Shear intensity, overall moderate. Weak carbonate alteration.
HUM-042	432354	5654891	8/19/2021	Lydia Calhoun	Basalt	Change from shear to massve.
HUM-043	432411	5654782	8/19/2021	Lydia Calhoun	Gabbro	Similar beige bleaching seen elsewhere in the shear zone. Possibly altered gabbro?
HUM-044	432292	5654769	8/19/2021	Lydia Calhoun	Gabbro	Fine grained.

Station	Easting NAD83Z15	Northing NAD83Z15	Date	Mapper	Lithology	Comments
HUM-045	432443	5654709	8/19/2021	Lydia Calhoun	Gabbro	Margin of fine grained intrusive . Has 10 cm wide Quartz vein
HUM-046	432006	5655080	8/19/2021	Lydia Calhoun	Intermediate Tuff	Sheared. Sericitic, buffy grey/green. Same as other islands with slaty green grey sheared litho. Decreasing strain to the north. Becomes more crumbly than slaty.
HUM-047	431971	5655129	8/19/2021	Lydia Calhoun	Intermediate Tuff	No shear. Strong silicification. Local discrete breccia parallel to shear orientation. Epiclastic ash tuff.
HUM-048	431945	5655188	8/19/2021	Lydia Calhoun	Intermediate Crystal tuff	10 m wide shear. Phylitic . Acicular crystals? Possibly tuff or overprint mineral? Silicified. Dismembered ankerite vein stringers.
HUM-049	431961	5655207	8/19/2021	Lydia Calhoun	Intermediate Crystal tuff	Weak shear. Rounded quartz clasts, glassy, 5 mm. Also angular chert fragments. Weak silicification.
HUM-050	432069	5655248	8/19/2021	Lydia Calhoun	Siltstone	Black silstone in contact with grey tuff. Possibly same unit but transition in alteration away from shear.
HUM-051	432214	5655390	8/19/2021	Lydia Calhoun	Argillite	Strong foliation. Falls off in sheets. This mudstone is different from the tuff at 049. Tuff may grade to a siltstone, or dark ash.
HUM-052	432373	5655277	8/19/2021	Lydia Calhoun	Intermediate Tuff	Brecciated carbonate stringers
HUM-053	432514	5655095	8/19/2021	Lydia Calhoun	Basalt	Sheared basalt
HUM-054	432520	5655102	8/19/2021	Lydia Calhoun	Basalt	Sheared. Weak fuchsite alteration, moderate silicification
HUM-055	432528	5655181	8/19/2021	Lydia Calhoun	Intermediate Tuff	Beige fine grained . End of shear, foliated.
HUM-056	432536	5655160	8/19/2021	Lydia Calhoun	Basalt	Very Strong ankerite alteration. Ankerite breccia vein.
HUM-062	427359	5655644	8/30/2021	Lydia Calhoun	Sandstone	Dark glassy quartz clasts. Sub angular. Matrix supported. Variable clast size. Weak silicification.
HUM-063	427492	5655591	8/30/2021	Lydia Calhoun	Sandstone	Local 5 cm angular lithic clasts, fine grained. Fairly monomict. No glassy quartz or Obsidian. Weak silicification.
HUM-064	427782	5655697	8/30/2021	Lydia Calhoun	Siltstone	Siltstone to sandstone. Local 0.5cm clasts. Matrix supported. Local metre wide shears with mild rusty weathering. Likely sulphides but won't break fresh. No vein. Weak silicification.
HUM-065	428201	5655709	8/30/2021	Lydia Calhoun	Sandstone	Mainly bedded sandstone. Fairly monomict clasts under 1 cm in length. Orientated parallel to foliation. Repeating younging sequence from course to fine parallel laminated siltstone. Sequence repeated decimeter scale. Younging to North. Offset by hairline faults spaced 15 cm. Local chert clasts.
HUM-066	428581	5655640	8/30/2021	Lydia Calhoun	Siltstone	Monomict angular clastic. But with transitions to black (deep sea?) siltstone.

Station	Easting NAD83Z15	Northing NAD83Z15	Date	Mapper	Lithology	Comments
HUM-067	428949	5655448	8/30/2021	Lydia Calhoun	Siltstone	Bedded
HUM-068	429048	5655406	8/30/2021	Lydia Calhoun	Siltstone	Mainly siltstone. Massive, blocky on surface. See moderate shear texture on fresh surface but not in situ. Portion of area is Sub crop . Increasingly green fresh surface towards swamp, fuchsite alteration.
HUM-069	429243	5655514	8/30/2021	Lydia Calhoun	Siltstone	Peels off, see flakes in the water. Foliation likely indicates proximity to shear zone that may pass through swamp.
HUM-070	430103	5655431	8/30/2021	Lydia Calhoun	Siltstone	Very strongly foliated. Sheeted. Easily peels. Vertical. Lesser sheared sandstone portions lighter in color.
HUM-071	429924	5655289	8/31/2021	Lydia Calhoun	Siltstone	Sheared. Light Grey to green Grey. Weak silicification and sericite.
HUM-072	429967	5655250	8/31/2021	Lydia Calhoun	Siltstone	Green Grey rock. Less sheared. Same as northern tip of islands. Silicificaiton and carbonate alteration.
HUM-073	430063	5655199	8/31/2021	Lydia Calhoun	Siltstone	Green sheared siltstone.
HUM-074	430077	5655186	8/31/2021	Lydia Calhoun	Basalt	Contact and possibly edge of shear zone. Gradations from silt to green Grey slate rock to basalt\gabbro. Fine grained gabbro is non magnetic. Likely a sill. No shear in basalt. Weak carbonate alteration.
HUM-075	430043	5655145	8/31/2021	Lydia Calhoun	Basalt	No vein. Local amygdules, possibly pillow structure. Low strain but foliated. Pillow aligned with foliation. Minimal flattening . Younging to south or SE. Weak carbonate alteration.
HUM-076	429836	5655132	8/31/2021	Lydia Calhoun	Basalt	
HUM-077	429782	5655066	8/31/2021	Lydia Calhoun	Basalt	Pillowed. Steep sided outcrop, possibly margin of shear? Weak foliation observed. Increasing foliation intensity to east. Ankerite vein.
HUM-078	429894	5655031	8/31/2021	Lydia Calhoun	Basalt	Foliated to sheared. Carbonate vein stringers parallel to shear fabric.
HUM-079	430035	5655045	8/31/2021	Lydia Calhoun	Basalt	Sheared. Weak carbonate alteration
HUM-080	430091	5654987	8/31/2021	Lydia Calhoun	Basalt	Not sheared. Crumbly foliation . This Shoreline is edge of shear. Lineations on sub-crop peeled blocks moderate to west. Too dangerous to measure surfaces, overhanging blocks.
HUM-081	430512	5654903	8/31/2021	Lydia Calhoun	Basalt	Mod to strongly foliated basalt with discrete weak to mod shear and associated 30 cm wide breccia hosting ankerite. Otherwide fairly massive.
HUM-082	430562	5654821	8/31/2021	Lydia Calhoun	Basalt	Weak shear. 5 m wide zone. No veins.
HUM-083	430586	5654797	8/31/2021	Lydia Calhoun	Basalt	Sheared. Moderately silicified. Orange ankerite veins are shear parallel, dismembered. Occur every 5m
HUM-084	430598	5654775	8/31/2021	Lydia Calhoun	Basalt	Shear Contact. Looks to contain sheared pillows.
HUM-085	430616	5654627	8/31/2021	Lydia Calhoun	Ultramafic (intrusive)	No strain. No vein.

Station	Easting NAD83Z15	Northing NAD83Z15	Date	Mapper	Lithology	Comments
HUM-086	427508	5656094	8/31/2021	Lydia Calhoun	Basalt	Weak to mod foliated basalt
HUM-087	432648	5655129	9/9/2021	Lydia Calhoun	Basalt	Sheared. Weak ankerite alteration, trace fuchsite.
HUM-088	430498	5654646	9/9/2021	Lydia Calhoun	Basalt	Weak ankerite
HUM-089	430597	5654631	9/9/2021	Lydia Calhoun	Peridotite	Massive . Gabbroic looking. No structure. No alt. Magnetic, moderate. Would assume basalt from surface alone.
HUM-090	429855	5654505	9/9/2021	Lydia Calhoun	Ultramafic (intrusive)	Magnetic hard. Massive. Fracture fill ankeritization.
HUM-091	430248	5653714	9/9/2021	Lydia Calhoun	Basalt	Vesicular. Weak wilicification
HUM-092	433338	5653204	9/9/2021	Lydia Calhoun	Basalt	Weak ankerite alteration
HUM-093	425029	5654771	9/15/2021	Lydia Calhoun	Siltstone	Finely laminated and parallel bedded. Grey to dark Grey layers. Bedding near vertical. Quartz rich (black shiny clasts). Variable composition along shoreline. One section looked like a limey mudstone. Other areas more slaty. One "M" fold observed.Some layers are magnetic. Also feldspathic sandstone, hard, matrix supported. Truncations of beds indicate younging to SE. Weak silicification and weak carbonate alteration.
HUM-094	424907	5654673	9/15/2021	Lydia Calhoun	Wacke siltstone	Very fine grained with 5 to 10 percent fine to medium clasts of quartz. Some black lithic fragments. Parallel bedded. No deformction.
HUM-095	424782	5654561	9/15/2021	Lydia Calhoun	Feldspar-rich sandstone	Black ground mass. With sub angular feldspar. Generally 3 mm in size. Locally 1 cm in size. Vertical beds. Weak silicification.
HUM-096	424746	5654539	9/15/2021	Lydia Calhoun	Sandstone	More coarse grained sandstone than a conglomerate. Gravelly sandstone. Contains lithic clasts of previous but itself looks to be similar unit. Same ground mass. Up to 1 cm clasts. Beds possibly younging to SE based on grading but uncertain. No mag. Weak silicification.
HUM-097	424732	5654416	9/15/2021	Lydia Calhoun	Siltstone	Parallel bedded at cm-scale.Uncertain if chert beds or silicified silt in places. 20 cm wide ankerite vein sub parallel to beds. Two veins separated by a metre.
HUM-098	424769	5654331	9/15/2021	Lydia Calhoun	Monogenic conglomerate	Conglomerate with two main clast types: laminated siltstone as before and quartz cobbles. Outcrop clasts fining to SE. Clasts 10-20cm in size. Grades to sandy siltstone with local clasts up to 10 cm. Clasts have preferred orienation parallel to bedding and some are imbricated. Truncations and draping around clasts also define younging. Siltstone is moderately to strongly pervasively magnetic.

Station	Easting NAD83Z15	Northing NAD83Z15	Date	Mapper	Lithology	Comments
HUM-100	424535	5654069	9/15/2021	Lydia Calhoun	Siltstone	Fine to medium grained bedded sandstone, 3mm size clasts, lithic, very fine grained black and white. Fine grey matrix. Cm-scale laminae
HUM-101	424227	5654173	9/15/2021	Lydia Calhoun	Siltstone	Moderately ankeritized.
HUM-102	424196	5654236	9/15/2021	Lydia Calhoun	Siltstone	Generally dark bedded siltstone to mudstome with cherty to limestone look . Varies to sandstone.
HUM-103	423988	5654060	9/15/2021	Lydia Calhoun	Conglomerate	Rusty Conglomerate as in bay.
HUM-104	423587	5654158	9/15/2021	Lydia Calhoun	Siltstone	Non magnetic

Appendix II – Sample Descriptions & Assays

Station	Sample ID	Easting NAD83Z15	Northing NAD83Z15	Year	Lithology	Alteration	Au ppb	As ppm	Comments
HUM-074	A876612	430079	5655186	2021	Basalt		0.003	2	
HUM-079	A876613	430020	5655037	2021	Basalt, sheared	Carbonate	0.009	4.3	
HUM-081	A876614	430506	5654901	2021	Basalt, brecciated	Ankerite	<0.001	2.7	
HUM-019	A876616	433062	5654598	2021	Basalt, pillowed		0.001	4.3	Pillow margin w/ chalcopyrite, 2%.
HUM-025	A876617	432925	5654595	2021	Basalt		0.002	0.9	
HUM-047	A876618	431968	5655130	2021	Intermediate Tuff	Silicification	0.005	5.3	Vein, cm-scale, in tuff.
HUM-056	A876619	432534	5655151	2021	Basalt	Ankerite	0.002	711	Quartz stringers in ankeritized basalt. Pyrrhotite, 1%.
HUM-087	A876620	432647	5655126	2021	Basalt	Ankerite	<0.001	9.3	Trace sulphides. Quartz and ankerite veining in ankeritized basalt.
HUM-090	A876621	429877	5654498	2021	Ultramafic Intrusive		<0.001	10.1	
HUM-092	A876622	433338	5653196	2021	Basalt	Ankerite	0.032	165.5	Pyrite, 1%. Also silver mineral (not acicular).
HUM-093	A876623	425043	5654780	2021	Siltstone		<0.001	7	Siltstone with rusty surface possibly ankerite
HUM-093	A876624	425073	5654791	2021	Sandstone		0.005	1.7	Angular feldspar clasts in fine grained black matrix with disseminated pyrrhotite, 1%.
HUM-096	A876626	424749	5654543	2021	Conglomerate	Silicification	<0.001	1.2	
HUM-097	A876627	424730	5654413	2021	Carbonate vein (<10% quartz)		<0.001	6.4	Ankerite vein emplaced parallel to silstone beds.
HUM-002	A880315	431035	5654856	2021	Basalt	Silicification	0.003	0.9	Some minor quartz carbonate veins.
HUM-003	A880316	430934	5655049	2021	Intermediate Crystal Tuff	Silicification	0.01	62.5	
HUM-003	A880317	430930	5655050	2021	Iron formation, brecciated		0.002	10.7	Brecciated chert with pyrrhotite, 2%
HUM-004	A880318	430856	5655141	2021	Intermediate Tuff	Biotite	0.006	32.6	
HUM-004	A880319	430852	5655142	2021	Intermediate Tuff	Chlorite	0.005	1.9	
HUM-013	A880320	431367	5654969	2021	Basalt	Silicification	0.005	5.5	Pyrrhotite, 2%
HUM-017	A880321	431498	5654903	2021	Carbonate vein (<10% quartz)		0.043	146.5	Loose sub crop
HUM-019	A880323	433065	5654593	2021	Basalt		0.004	7	Pyrrhotite, 2%
HUM-026	A880324	433008	5654557	2021	Basalt		0.006	2.5	Pyrrhotite, 2%
HUM-036	A880327	432229	5654514	2021	Quartz vein (>90% quartz)		<0.001	2.4	Dilational Vein
HUM-037	A880328	432094	5654623	2021	Basalt, sheared	Carbonate	0.003	0.8	
HUM-039	A880329	432112	5654736	2021	Gabbro		0.004	1.2	Pyrite, 1%
HUM-040	A880330	432030	5654821	2021	Basalt, sheared	Carbonate	0.001	2.3	

Station	Sample ID	Easting NAD83Z15	Northing NAD83Z15	Year	Lithology	Alteration	Au ppb	As ppm	Comments
HUM-041	A880331	431998	5654840	2021	Basalt, sheared	Carbonate	0.001	1.6	
HUM-041	A880332	432012	5654857	2021	Basalt, sheared	Carbonate	0.001	0.7	Stringers of ankerite in shear
HUM-043	A880333	432417	5654784	2021	Diorite		0.002	0.7	Altered gabbro? Other?
HUM-045	A880334	432450	5654706	2021	Gabbro		0.002	2.3	
HUM-046	A880335	432007	5655078	2021	Intermediate Tuff	Sericite	0.003	14.4	Pyrite, 0.5%
HUM-047	A880336	431973	5655129	2021	Intermediate Tuff	Silicification	0.006	11.5	
HUM-048	A880337	431948	5655184	2021	Intermediate Crystal Tuff, sheared	Silicification	0.001	10.6	
HUM-049	A880338	431962	5655209	2021	Intermediate Crystal Tuff		0.001	0.6	
HUM-054	A880339	432520	5655108	2021	Basalt	Fuchsite	0.002	1.7	Fuchsite altered sample
HUM-054	A880340	432519	5655107	2021	Basalt		0.002	12	
HUM-056	A880341	432535	5655154	2021	Basalt	Ankerite	0.003	984	Pyrrhotite, 2.5%
HUM-056	A880342	432534	5655151	2021	Basalt, brecciated	Ankerite	0.001	1000	
HUM-064	A880346	427781	5655717	2021	Siltstone, sheared	Silicification	<0.001	33.5	Rusty surfaces indicate sulphides
HUM-068	A880347	429090	5655368	2021	Siltstone		0.001	124	Pyrrhotite, 2%
HUM-072	A880348	429968	5655246	2021	Siltstone	Silicification	0.002	14.2	Pyrrhotite, 1%
HUM-073	A880349	430064	5655204	2021	Quartz-Carbonate vein		<0.001	5.4	

Appendix III – Assay Certificates

ALS Canada Ltd.
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To: EVOLUTION MINING, RED LAKE OPERATION
15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 18-SEP-2021
Account: QDF

CERTIFICATE TB21224232

Project: DIS96473

P.O. No.: 70014732

This report is for 29 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 25-AUG-2021.

The following have access to data associated with this certificate:

RLO ASSAYS	PASCAL CHANTIGNY	JAMIE KRISTOFF

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61r	4A multi-element ICP-MS + REE	
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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Finalized Date: 18-SEP-2021
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Project: DIS96473

CERTIFICATE OF ANALYSIS TB21224232

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
A880315		2.44	0.003	0.01	5.46	0.9	60	0.14	0.01	7.68	0.05	2.86	66.6	1270	8.02	67.2
A880316		3.99	0.010	0.12	6.54	62.5	60	0.38	0.03	6.50	0.09	22.0	44.5	268	8.10	38.8
A880317		3.83	0.002	0.08	1.12	10.7	10	<0.05	<0.01	19.75	0.09	7.79	11.2	42	1.28	35.0
A880318		1.11	0.006	0.06	6.93	32.6	90	0.15	0.01	7.27	0.07	5.40	50.9	196	3.05	153.5
A880319		1.05	0.005	0.04	7.63	1.9	20	0.21	0.01	4.07	0.06	5.59	54.9	252	1.31	135.5
A880320		2.85	0.005	0.09	7.69	5.5	10	0.16	0.01	6.97	0.10	4.44	56.3	217	3.99	185.0
A880321		4.34	0.043	0.03	0.19	146.5	10	0.14	0.01	7.95	0.66	4.40	4.7	38	0.17	28.0
A880322		0.58	0.001	0.01	0.20	1.1	20	0.08	0.01	0.05	<0.02	3.91	0.6	15	0.16	2.0
A880323		1.56	0.004	0.10	6.33	7.0	160	0.13	0.01	9.38	0.17	6.33	56.8	309	0.46	340
A880324		0.53	0.006	0.20	7.35	2.5	30	0.91	0.14	0.80	0.16	34.7	36.9	99	0.15	491
A880325		0.07	0.204	0.81	8.53	56.7	720	1.74	1.51	5.59	0.12	56.3	73.3	9610	6.51	2480
A880326		1.97	0.001	0.08	6.72	4.1	170	1.29	0.31	0.92	0.04	54.1	1.7	28	2.11	21.8
A880327		0.54	<0.001	<0.01	0.35	2.4	10	<0.05	<0.01	0.42	<0.02	2.19	5.5	91	<0.05	1.6
A880328		1.99	0.003	0.02	6.57	0.8	40	0.14	<0.01	5.59	0.09	2.48	102.0	2340	2.30	115.5
A880329		3.66	0.004	0.03	8.46	1.2	110	0.17	0.01	7.73	0.07	4.69	57.9	168	1.84	133.0
A880330		2.78	0.001	0.02	2.77	2.3	10	0.06	<0.01	15.65	0.06	1.42	72.3	2160	1.37	46.7
A880331		1.25	0.001	0.01	3.62	1.6	10	0.07	<0.01	9.57	0.04	1.21	63.8	2550	0.59	24.5
A880332		1.59	0.001	<0.01	3.76	0.7	20	0.13	<0.01	7.39	0.05	1.15	90.4	1950	4.18	45.8
A880333		2.27	0.002	0.01	8.85	0.7	1630	0.23	<0.01	6.26	0.02	3.23	26.0	504	1.79	51.5
A880334		2.09	0.002	0.03	6.25	2.3	30	0.20	0.01	4.33	0.03	4.36	41.7	209	0.31	83.7
A880335		3.02	0.003	0.05	7.65	14.4	150	0.30	0.01	7.57	0.09	5.42	48.6	239	6.21	138.5
A880336		2.74	0.006	0.05	8.28	11.5	50	0.23	0.01	5.92	0.11	6.69	41.9	249	2.24	172.0
A880337		2.12	0.001	0.04	8.06	10.6	70	0.21	<0.01	7.16	0.07	5.13	41.4	258	2.50	28.3
A880338		4.35	0.001	0.03	7.76	0.6	900	1.11	0.13	0.92	0.03	91.8	1.9	11	10.60	5.6
A880339		2.76	0.002	0.03	7.22	1.7	660	1.38	0.31	0.04	<0.02	16.60	7.7	13	8.27	45.1
A880340		1.14	0.002	<0.01	2.53	12.0	20	0.07	<0.01	14.95	0.05	1.60	48.8	661	2.18	16.6
A880341		3.04	0.003	<0.01	1.40	984	40	0.11	<0.01	16.10	0.09	1.79	69.2	2850	3.08	8.6
A880342		1.80	0.001	0.02	1.47	1000	40	0.11	<0.01	12.45	0.05	0.66	80.0	2530	2.81	11.9
A880343		0.49	<0.001	0.01	0.25	8.0	60	0.08	0.01	0.16	<0.02	4.35	1.0	29	0.19	1.3

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

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Finalized Date: 18-SEP-2021
Account: QDF

Project: DIS96473

CERTIFICATE OF ANALYSIS TB21224232

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
A880315		7.62	9.54	<0.05	0.3	0.038	0.32	1.2	50.9	5.30	2390	0.14	1.14	0.5	349	80
A880316		6.89	13.30	0.06	1.7	0.028	0.45	9.0	117.5	5.26	2610	0.23	0.48	2.3	172.5	610
A880317		1.60	2.09	<0.05	0.1	0.067	0.07	3.4	14.1	0.90	4550	0.26	0.10	0.1	28.4	50
A880318		7.15	13.30	<0.05	0.9	0.056	0.23	2.1	102.5	3.99	1800	0.10	0.87	1.1	135.0	210
A880319		8.06	15.05	<0.05	0.7	0.063	0.06	2.2	67.7	4.15	1770	0.16	1.62	1.5	152.0	250
A880320		7.64	13.50	<0.05	0.7	0.051	0.04	1.6	45.5	4.52	2030	0.18	0.80	1.1	205	190
A880321		7.36	0.72	<0.05	0.1	0.020	<0.01	3.4	3.0	2.48	3540	0.45	0.01	0.1	21.1	380
A880322		0.84	0.52	<0.05	0.7	<0.005	0.05	2.0	6.1	0.03	105	0.64	0.05	0.5	1.9	20
A880323		9.42	12.05	<0.05	1.1	0.057	0.61	2.6	5.3	5.23	1970	0.56	0.91	1.2	172.0	230
A880324		11.40	16.60	0.07	2.9	0.077	0.06	17.2	10.1	1.43	639	2.20	3.53	4.0	126.0	510
A880325		8.50	19.55	0.10	2.2	0.243	2.37	27.1	18.4	3.05	1240	8.39	1.73	7.9	2420	1900
A880326		1.85	16.70	0.08	3.3	0.026	3.83	25.1	17.6	0.23	434	6.34	1.07	7.4	17.8	40
A880327		1.25	0.68	<0.05	<0.1	<0.005	0.05	0.6	3.3	0.36	203	0.65	0.02	0.1	19.2	10
A880328		8.54	10.75	<0.05	0.3	0.038	0.20	1.0	47.8	4.47	2750	0.07	1.08	0.5	624	90
A880329		6.26	14.80	<0.05	0.9	0.051	0.16	1.7	22.1	4.36	1580	0.25	1.29	1.4	254	210
A880330		5.37	4.86	<0.05	0.2	0.018	0.04	0.6	22.8	4.59	3510	0.06	0.02	0.2	470	50
A880331		6.18	6.21	<0.05	0.2	0.025	0.01	0.5	37.0	6.15	3160	0.11	0.04	0.3	350	60
A880332		8.88	6.44	<0.05	0.3	0.033	0.15	<0.5	44.9	10.20	2180	<0.05	0.09	0.3	693	40
A880333		4.19	14.85	<0.05	0.7	0.039	0.46	1.2	33.3	2.65	1480	0.18	2.44	1.3	91.7	210
A880334		5.63	11.85	<0.05	0.6	0.045	0.12	1.6	32.1	3.54	1260	0.24	1.33	1.1	117.5	190
A880335		6.57	13.90	<0.05	0.8	0.051	0.75	2.0	92.2	2.22	2420	0.10	0.93	1.1	145.0	230
A880336		4.37	14.70	<0.05	0.7	0.065	0.13	2.2	40.3	2.81	1540	0.21	2.97	1.5	124.0	260
A880337		8.17	15.25	<0.05	1.0	0.028	0.17	2.3	127.5	2.48	1670	0.08	0.98	1.1	167.0	270
A880338		1.24	16.55	0.07	3.7	0.015	2.01	53.5	11.6	0.21	235	1.93	2.29	4.6	6.4	140
A880339		6.14	23.2	0.06	6.6	0.088	1.48	6.3	86.7	1.28	355	1.09	0.40	19.1	18.8	70
A880340		4.36	4.19	<0.05	0.2	0.024	0.10	1.1	53.2	5.08	3210	0.05	0.20	0.2	234	60
A880341		3.76	3.07	<0.05	0.1	0.009	0.55	1.1	20.7	3.04	3940	0.06	0.03	0.1	943	40
A880342		4.87	2.71	<0.05	0.1	0.014	0.50	<0.5	35.3	5.41	2250	0.15	0.02	<0.1	1175	30
A880343		0.80	0.63	<0.05	0.7	<0.005	0.07	2.2	5.9	0.05	116	0.54	0.07	0.7	8.4	20

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

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To: EVOLUTION MINING, RED LAKE OPERATION
15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 18-SEP-2021
Account: QDF

Project: DIS96473

CERTIFICATE OF ANALYSIS TB21224232

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
A880315		<0.5	20.0	<0.002	0.02	0.18	46.4	<1	0.2	83.8	<0.05	<0.05	0.11	0.202	0.14	0.1
A880316		1.3	25.7	<0.002	0.01	75.2	21.5	<1	0.5	82.9	0.14	<0.05	1.35	0.288	0.45	0.3
A880317		0.6	3.9	<0.002	0.01	2.59	15.3	<1	<0.2	31.3	<0.05	<0.05	0.07	0.032	0.07	<0.1
A880318		0.9	12.1	<0.002	0.03	1.96	36.7	<1	0.3	54.8	0.07	<0.05	0.17	0.313	0.25	0.1
A880319		0.7	0.3	<0.002	0.02	2.10	40.8	<1	0.4	72.2	0.10	0.05	0.18	0.426	<0.02	0.1
A880320		1.3	0.4	<0.002	0.06	5.04	34.9	<1	0.5	148.0	0.07	<0.05	0.15	0.336	<0.02	0.1
A880321		1.1	0.2	<0.002	0.47	3.69	2.1	<1	<0.2	37.7	<0.05	0.11	0.09	0.006	<0.02	0.1
A880322		1.2	1.9	<0.002	<0.01	0.21	0.4	<1	<0.2	3.5	0.07	<0.05	1.00	0.013	0.02	0.3
A880323		1.0	21.3	<0.002	0.01	1.07	41.3	<1	0.4	81.5	0.07	0.05	0.23	0.411	0.15	0.1
A880324		4.5	1.1	0.003	1.51	0.13	10.0	5	0.6	32.1	0.34	0.36	4.41	0.230	0.03	1.5
A880325		21.2	121.0	0.003	1.21	2.11	23.0	3	5.4	567	0.54	0.31	10.25	0.697	1.10	2.4
A880326		30.0	154.5	<0.002	0.02	0.22	2.9	<1	2.0	58.9	0.74	<0.05	23.0	0.035	0.88	4.7
A880327		<0.5	0.7	<0.002	<0.01	<0.05	1.9	<1	<0.2	3.4	<0.05	<0.05	0.11	0.015	<0.02	<0.1
A880328		<0.5	11.2	<0.002	0.05	0.05	49.8	<1	0.2	40.3	<0.05	<0.05	0.10	0.234	0.09	<0.1
A880329		<0.5	1.2	<0.002	0.09	0.24	32.6	<1	0.3	105.0	0.08	<0.05	0.15	0.374	0.02	<0.1
A880330		<0.5	3.8	<0.002	0.04	0.13	22.3	<1	<0.2	39.0	<0.05	<0.05	0.03	0.098	0.02	<0.1
A880331		<0.5	0.7	<0.002	<0.01	0.13	34.2	<1	<0.2	19.3	<0.05	<0.05	0.04	0.128	<0.02	<0.1
A880332		<0.5	9.5	<0.002	<0.01	0.23	36.3	<1	<0.2	14.3	<0.05	<0.05	0.06	0.146	0.02	<0.1
A880333		<0.5	6.7	<0.002	0.01	0.06	32.8	<1	0.3	141.5	0.09	<0.05	0.11	0.376	0.11	<0.1
A880334		0.5	2.0	<0.002	0.03	0.06	34.5	<1	0.3	58.9	0.07	<0.05	0.14	0.333	<0.02	0.1
A880335		1.2	31.6	<0.002	0.02	5.51	37.8	<1	0.4	98.9	0.07	<0.05	0.17	0.355	0.44	0.1
A880336		0.5	1.0	<0.002	0.04	4.32	38.1	<1	0.5	111.0	0.10	0.07	0.23	0.443	0.02	0.1
A880337		1.4	4.1	<0.002	0.01	3.76	41.9	<1	0.3	92.3	0.07	<0.05	0.17	0.320	0.14	0.1
A880338		9.7	77.7	<0.002	0.02	1.92	3.0	<1	1.0	165.0	0.37	<0.05	11.90	0.114	0.83	2.5
A880339		13.7	61.0	<0.002	0.06	7.85	7.8	<1	3.5	106.5	3.12	0.05	27.5	0.016	0.74	11.0
A880340		0.7	2.4	<0.002	0.03	5.67	44.6	<1	<0.2	40.6	<0.05	<0.05	0.11	0.082	0.05	0.1
A880341		1.0	23.6	<0.002	0.24	28.2	13.5	<1	<0.2	44.8	<0.05	<0.05	0.10	0.021	0.26	0.1
A880342		1.0	19.5	<0.002	0.24	77.5	13.8	<1	<0.2	71.9	<0.05	<0.05	0.02	0.025	0.24	<0.1
A880343		1.3	2.7	<0.002	0.01	0.43	0.4	<1	0.3	4.2	0.08	<0.05	1.15	0.015	0.02	0.6

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To: EVOLUTION MINING, RED LAKE OPERATION
15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 18-SEP-2021
Account: QDF

Project: DIS96473

CERTIFICATE OF ANALYSIS TB21224232

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	1	0.1	0.1	2	0.5	0.05	0.03	0.03	0.05	0.01	0.01	0.1	0.03	0.03	0.01
A880315		216	<0.1	8.4	83	9.4	1.45	0.97	0.31	1.14	0.31	0.14	2.4	0.42	0.74	0.20
A880316		175	0.2	8.9	176	60.8	1.84	0.99	0.71	2.42	0.35	0.17	13.4	2.90	2.78	0.36
A880317		41	0.5	11.1	21	5.0	2.12	1.21	1.22	2.13	0.42	0.19	6.3	1.18	1.86	0.33
A880318		235	0.2	5.7	98	27.6	1.12	0.66	0.41	1.26	0.22	0.14	4.6	0.86	1.31	0.18
A880319		270	0.6	16.0	102	22.4	2.86	1.85	0.68	2.22	0.62	0.25	4.7	0.88	1.49	0.40
A880320		213	0.1	11.8	91	21.9	2.17	1.36	0.48	1.65	0.47	0.21	3.6	0.67	1.14	0.30
A880321		23	0.2	4.8	317	3.0	0.77	0.41	0.36	0.83	0.15	0.07	3.1	0.68	0.72	0.12
A880322		3	0.1	1.2	3	16.8	0.24	0.14	0.04	0.27	0.05	0.03	1.8	0.49	0.33	0.04
A880323		289	0.2	15.5	96	31.9	2.80	1.65	0.56	2.25	0.57	0.23	5.0	0.94	1.60	0.39
A880324		70	0.6	8.5	192	104.5	1.65	0.86	0.77	2.04	0.31	0.14	14.4	3.72	2.43	0.29
A880325		330	3.4	20.5	142	93.6	3.89	2.10	1.41	4.57	0.77	0.29	29.8	6.91	5.62	0.65
A880326		2	0.8	14.4	36	84.9	2.74	1.54	0.08	3.10	0.54	0.22	22.5	5.99	4.00	0.45
A880327		11	<0.1	0.5	5	0.9	0.10	0.06	<0.03	0.09	0.02	0.01	0.5	0.12	0.09	0.02
A880328		253	0.1	7.7	120	8.8	1.38	0.94	0.29	1.08	0.30	0.13	2.2	0.39	0.71	0.20
A880329		235	<0.1	11.9	78	28.5	2.18	1.38	0.52	1.72	0.47	0.20	4.1	0.75	1.24	0.30
A880330		109	<0.1	4.8	52	4.6	0.76	0.51	0.14	0.60	0.17	0.08	1.3	0.23	0.38	0.10
A880331		155	<0.1	4.8	67	9.2	0.83	0.52	0.17	0.62	0.17	0.08	1.1	0.20	0.41	0.12
A880332		193	<0.1	5.4	81	8.2	0.92	0.62	0.18	0.67	0.20	0.09	1.2	0.20	0.42	0.12
A880333		230	0.1	7.3	53	20.8	1.40	0.87	0.36	1.16	0.29	0.11	2.8	0.51	0.85	0.20
A880334		228	0.1	11.6	72	18.0	2.15	1.44	0.46	1.68	0.46	0.19	3.8	0.68	1.21	0.31
A880335		263	2.7	12.0	86	24.9	2.44	1.36	0.72	2.07	0.48	0.20	4.7	0.86	1.48	0.36
A880336		284	0.1	14.1	77	20.0	2.68	1.62	0.60	2.19	0.58	0.21	5.0	0.90	1.50	0.38
A880337		273	0.2	4.8	160	32.5	0.94	0.59	0.35	1.08	0.19	0.13	4.4	0.81	1.15	0.16
A880338		14	0.4	8.3	20	124.5	1.64	0.84	0.79	2.14	0.31	0.14	29.1	8.75	3.41	0.30
A880339		10	0.1	22.5	107	101.5	5.25	2.82	0.29	4.17	0.96	0.46	10.1	2.24	3.88	0.77
A880340		157	0.2	6.5	49	4.8	0.75	0.53	0.16	0.57	0.17	0.08	1.1	0.22	0.34	0.10
A880341		62	0.2	5.4	145	3.4	0.67	0.47	0.14	0.53	0.15	0.08	1.3	0.25	0.36	0.09
A880342		65	0.5	2.6	51	2.5	0.41	0.27	0.07	0.32	0.09	0.04	0.6	0.11	0.22	0.06
A880343		3	0.1	1.4	4	17.3	0.28	0.17	0.04	0.26	0.06	0.03	1.9	0.52	0.32	0.04

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

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To: EVOLUTION MINING, RED LAKE OPERATION
15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 18-SEP-2021
Account: QDF

Project: DIS96473

CERTIFICATE OF ANALYSIS TB21224232

Sample Description	Method Analyte Units LOD	ME-MS61r Tm ppm 0.01	ME-MS61r Yb ppm 0.03
A880315		0.14	0.97
A880316		0.15	1.07
A880317		0.17	1.26
A880318		0.11	0.87
A880319		0.27	1.75
A880320		0.20	1.35
A880321		0.06	0.45
A880322		0.02	0.17
A880323		0.23	1.55
A880324		0.12	0.92
A880325		0.29	1.98
A880326		0.23	1.55
A880327		0.01	0.05
A880328		0.13	0.90
A880329		0.21	1.44
A880330		0.08	0.54
A880331		0.08	0.50
A880332		0.09	0.63
A880333		0.12	0.80
A880334		0.20	1.38
A880335		0.20	1.38
A880336		0.24	1.54
A880337		0.10	0.78
A880338		0.13	0.90
A880339		0.44	3.32
A880340		0.08	0.53
A880341		0.07	0.53
A880342		0.04	0.27
A880343		0.03	0.19

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CERTIFICATE OF ANALYSIS TB21224232

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

REEs may not be totally soluble in this method.
Applies to Method: ME-MS61r

LABORATORY ADDRESSES

Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

Applies to Method:				
	CRU-31	CRU-QC	LOG-22	LOG-24
	PUL-32m	PUL-QC	SPL-21	WEI-21

Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Applies to Method:		
	Au-ICP22	ME-MS61r

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BALMERTOWN ON P0V 1C0

Finalized Date: 18-OCT-2021
Account: QDF

CERTIFICATE TB21253034

Project: DIS96588

P.O. No.: 70014732

This report is for 24 samples of Rock submitted to our lab in Thunder Bay, ON, Canada on 21-SEP-2021.

The following have access to data associated with this certificate:

RLO ASSAYS	PASCAL CHANTIGNY	JAMIE KRISTOFF

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61r	4A multi-element ICP-MS + REE	
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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Finalized Date: 18-OCT-2021
Account: QDF

Project: DIS96588

CERTIFICATE OF ANALYSIS TB21253034

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
A876612		1.63	0.003	0.03	7.29	2.0	10	0.12	0.01	7.78	0.04	4.55	53.0	139	1.71	167.5
A876613		2.13	0.009	0.02	7.45	4.3	100	0.19	0.01	8.10	0.07	3.60	50.7	219	2.85	149.5
A876614		1.24	<0.001	0.01	0.22	2.7	10	<0.05	0.01	1.80	0.02	2.21	1.8	23	0.05	11.6
A876615		0.21	0.003	0.02	0.27	1.1	20	0.12	0.03	0.05	<0.02	4.09	0.6	11	0.22	1.7
A876616		4.22	0.001	0.06	6.10	4.3	60	0.14	0.02	9.60	0.09	5.29	58.4	316	0.38	189.5
A876617		1.22	0.002	0.06	7.02	0.9	50	0.21	0.02	5.72	0.06	6.58	49.7	95	0.07	229
A876618		1.35	0.005	0.08	7.51	5.3	40	0.20	0.01	5.52	0.14	4.26	42.5	232	1.40	222
A876619		2.40	0.002	0.03	1.16	711	40	0.11	0.01	20.0	0.20	1.63	79.7	2970	2.57	18.7
A876620		0.42	<0.001	0.01	1.52	9.3	40	0.07	0.01	21.1	0.07	1.55	36.9	1330	1.53	23.8
A876621		2.79	<0.001	0.01	0.79	10.1	<10	<0.05	<0.01	2.90	0.04	0.28	106.5	3740	<0.05	27.4
A876622		2.75	0.032	0.20	7.85	165.5	170	0.32	0.02	4.51	0.19	13.95	52.1	77	1.48	266
A876623		3.29	<0.001	0.01	2.49	7.0	90	0.21	0.06	26.6	0.09	13.45	15.5	119	1.70	34.4
A876624		2.49	0.005	0.04	8.25	1.7	550	0.99	0.07	2.60	0.09	44.3	8.8	19	4.08	16.8
A876625		0.07	NSS	0.91	8.30	61.4	700	1.86	1.59	5.64	0.14	57.9	73.4	9280	7.42	2420
A876626		2.26	<0.001	0.08	8.16	1.2	580	1.21	0.15	3.17	0.03	35.9	9.5	60	4.07	23.4
A876627		3.44	<0.001	0.08	1.78	6.4	130	0.53	0.20	18.00	0.06	16.70	7.3	55	2.03	18.9
A876628		4.17	0.008	0.63	4.51	13.4	210	1.03	0.13	0.27	0.08	5.14	28.8	343	6.58	68.9
A880344		2.42	0.002	0.11	7.68	14.1	90	0.40	0.04	5.15	0.12	10.15	60.6	142	2.17	222
A880345		0.07	NSS	0.92	8.18	62.3	700	1.75	1.60	5.52	0.13	59.2	73.8	9210	7.58	2400
A880346		2.04	<0.001	0.05	6.97	33.5	440	0.93	0.10	5.99	0.07	39.0	16.7	39	6.72	25.1
A880347		1.75	0.001	0.08	9.05	124.0	510	0.30	0.01	3.40	0.06	4.46	42.5	265	23.3	137.5
A880348		1.49	0.002	0.07	8.17	14.2	40	0.68	0.01	6.39	0.10	6.67	58.2	258	1.65	150.5
A880349		0.91	<0.001	0.02	1.18	5.4	20	0.07	<0.01	27.2	0.10	5.16	7.9	26	1.58	33.5
A880350		0.21	<0.001	0.02	0.23	1.2	20	0.09	0.02	0.13	<0.02	4.28	0.8	11	0.19	2.2

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

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To: EVOLUTION MINING, RED LAKE OPERATION
15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 18-OCT-2021
Account: QDF

Project: DIS96588

CERTIFICATE OF ANALYSIS TB21253034

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
A876612		7.20	13.70	0.06	1.0	0.048	0.10	1.7	39.6	3.97	1560	0.11	0.38	1.3	192.0	200
A876613		6.78	13.70	0.06	0.6	0.050	1.02	1.5	106.5	2.59	2040	0.07	0.92	1.1	166.0	190
A876614		3.11	1.20	<0.05	<0.1	<0.005	<0.01	0.9	0.7	0.26	1190	0.18	<0.01	0.1	3.6	180
A876615		0.80	0.70	0.05	0.8	<0.005	0.08	2.2	5.4	0.03	94	0.57	0.06	0.6	1.9	20
A876616		9.65	14.50	0.07	1.2	0.061	0.31	2.1	10.5	5.85	2020	0.22	0.94	1.3	145.0	230
A876617		9.66	14.90	0.06	1.4	0.056	0.15	2.6	10.6	4.07	1570	0.29	2.79	1.9	73.9	280
A876618		4.64	15.55	0.06	0.8	0.059	0.07	1.6	42.7	2.93	1470	0.09	3.17	1.6	121.5	290
A876619		3.82	2.33	<0.05	0.1	0.010	0.42	1.2	13.3	2.06	5140	0.18	0.05	<0.1	1400	40
A876620		3.96	2.71	<0.05	0.1	0.012	0.10	0.9	23.6	4.11	5170	<0.05	0.18	0.1	366	40
A876621		5.64	1.57	<0.05	0.1	0.006	<0.01	<0.5	0.4	21.1	1050	0.07	0.01	0.1	1945	20
A876622		8.75	17.10	0.07	2.2	0.071	0.57	5.5	31.9	2.31	2230	0.21	3.93	3.7	95.7	510
A876623		2.25	5.50	0.05	0.6	0.024	0.79	7.8	14.8	1.02	11700	0.24	0.24	1.0	68.5	100
A876624		2.60	19.90	0.10	2.6	0.022	1.62	21.5	41.5	0.92	457	0.21	3.27	4.1	11.7	690
A876625		8.19	20.5	0.12	2.4	0.256	2.32	28.5	17.9	2.97	1220	9.35	1.68	8.7	2360	1870
A876626		2.68	18.90	0.09	3.7	0.023	1.86	18.9	23.1	0.78	480	0.39	2.63	6.2	21.3	450
A876627		7.63	4.35	0.05	1.2	0.016	0.56	9.4	7.9	6.85	5290	0.48	0.22	2.0	21.9	170
A876628		10.45	9.35	0.06	1.0	0.038	1.06	2.6	35.4	0.55	3040	0.98	0.19	1.4	90.9	270
A880344		6.71	19.70	0.07	1.4	0.090	0.27	3.9	27.8	3.58	1040	0.30	1.72	3.3	132.5	430
A880345		8.12	20.6	0.11	2.3	0.264	2.30	28.7	18.0	2.92	1220	9.45	1.67	8.7	2350	1860
A880346		5.27	15.15	0.08	2.7	0.026	2.06	21.2	23.6	1.77	1200	0.73	1.31	4.5	37.9	430
A880347		5.25	18.25	0.07	1.1	0.069	2.85	1.7	123.0	1.46	1530	0.17	0.54	1.3	171.5	240
A880348		6.22	15.25	0.07	0.9	0.069	0.11	2.8	42.4	2.73	1850	0.09	2.10	1.7	173.0	240
A880349		1.83	2.49	0.05	0.2	0.015	0.23	2.7	11.0	0.38	4450	<0.05	0.09	0.2	25.0	50
A880350		0.86	0.60	<0.05	0.8	<0.005	0.05	2.3	6.6	0.03	110	0.66	0.06	0.6	2.4	20

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Finalized Date: 18-OCT-2021
Account: QDF

Project: DIS96588

CERTIFICATE OF ANALYSIS TB21253034

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
A876612		1.0	0.9	<0.002	0.06	4.34	31.9	2	0.3	97.2	0.09	<0.05	0.17	0.373	<0.02	0.1
A876613		<0.5	24.4	<0.002	0.04	2.23	36.2	2	0.3	60.7	0.07	<0.05	0.17	0.272	0.13	<0.1
A876614		<0.5	0.7	<0.002	0.03	1.92	1.8	1	<0.2	6.1	<0.05	<0.05	0.03	0.009	<0.02	<0.1
A876615		1.2	3.4	<0.002	<0.01	0.24	0.5	1	0.2	3.0	0.08	<0.05	1.02	0.015	0.03	0.3
A876616		0.9	9.5	<0.002	0.01	0.98	43.0	2	0.4	75.7	0.08	<0.05	0.38	0.408	0.07	0.3
A876617		0.8	1.3	<0.002	0.18	0.62	37.8	2	0.4	76.6	0.12	0.07	0.44	0.418	0.03	0.2
A876618		<0.5	0.2	<0.002	0.03	1.85	35.2	1	0.3	91.1	0.10	<0.05	0.17	0.462	<0.02	0.1
A876619		2.2	20.5	<0.002	1.03	49.0	11.6	2	<0.2	56.4	<0.05	<0.05	0.02	0.015	0.23	0.1
A876620		0.8	4.8	<0.002	<0.01	0.41	13.3	2	<0.2	77.9	<0.05	<0.05	0.04	0.029	0.05	0.1
A876621		<0.5	0.2	<0.002	0.01	0.46	9.0	1	<0.2	19.2	<0.05	<0.05	0.01	0.026	<0.02	<0.1
A876622		1.2	13.3	<0.002	0.16	7.21	33.1	1	0.6	243	0.22	<0.05	0.55	0.667	0.07	0.2
A876623		2.3	34.0	<0.002	0.06	0.14	9.8	2	0.3	100.0	0.08	0.06	0.95	0.106	0.27	0.4
A876624		12.3	44.6	<0.002	0.25	0.52	3.8	1	0.6	457	0.26	<0.05	4.14	0.257	0.39	1.4
A876625		21.2	121.0	0.003	1.19	2.35	23.9	5	5.4	560	0.57	0.35	10.90	0.697	1.13	2.5
A876626		12.6	68.6	<0.002	<0.01	0.36	5.1	1	1.0	251	0.53	<0.05	8.27	0.279	0.43	2.2
A876627		3.1	28.1	<0.002	0.05	0.62	3.9	2	0.3	117.5	0.16	<0.05	1.92	0.134	0.18	0.7
A876628		17.1	51.1	0.002	5.33	2.44	23.5	2	0.5	21.9	0.10	0.16	0.78	0.233	1.53	0.3
A880344		1.9	3.0	<0.002	0.26	0.81	43.3	2	0.8	105.0	0.22	<0.05	0.41	0.691	0.11	0.1
A880345		21.3	122.5	0.004	1.18	2.43	23.9	5	5.5	554	0.58	0.30	10.85	0.682	1.13	2.5
A880346		8.5	86.6	<0.002	0.02	1.61	7.7	2	0.8	227	0.39	<0.05	6.80	0.229	0.60	1.9
A880347		3.3	73.8	0.002	0.30	9.69	41.8	2	0.5	58.9	0.09	<0.05	0.16	0.403	1.71	<0.1
A880348		1.4	1.9	0.002	0.02	1.80	41.6	1	0.5	83.8	0.10	0.12	0.22	0.443	0.03	0.1
A880349		2.6	7.5	<0.002	0.07	1.43	11.0	2	<0.2	60.2	<0.05	<0.05	0.04	0.057	0.21	0.2
A880350		2.3	2.2	<0.002	<0.01	0.27	0.4	1	0.2	3.5	0.07	<0.05	1.10	0.015	0.02	0.3

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15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 18-OCT-2021
Account: QDF

Project: DIS96588

CERTIFICATE OF ANALYSIS TB21253034

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	1	0.1	0.1	2	0.5	0.05	0.03	0.03	0.05	0.01	0.01	0.1	0.03	0.03	0.01
A876612		230	<0.1	13.4	91	29.8	2.46	1.58	0.52	1.95	0.53	0.23	4.1	0.75	1.41	0.35
A876613		247	0.3	10.1	92	18.4	1.86	1.19	0.38	1.44	0.38	0.18	3.2	0.60	1.09	0.26
A876614		11	0.1	2.8	7	1.7	0.56	0.35	0.21	0.66	0.11	0.05	1.7	0.35	0.53	0.10
A876615		3	0.1	1.6	5	20.8	0.31	0.21	0.06	0.30	0.06	0.03	2.0	0.53	0.40	0.05
A876616		298	0.2	16.1	95	37.2	2.87	1.79	0.61	2.32	0.61	0.24	4.6	0.84	1.66	0.41
A876617		266	0.1	17.7	92	48.4	3.18	2.12	0.62	2.57	0.69	0.31	5.5	1.04	1.87	0.46
A876618		293	0.1	12.9	95	25.8	2.49	1.59	0.44	1.97	0.54	0.21	4.0	0.73	1.43	0.35
A876619		53	0.3	5.9	100	2.5	0.61	0.44	0.16	0.49	0.14	0.07	1.2	0.25	0.34	0.09
A876620		64	0.1	4.8	41	4.5	0.73	0.49	0.21	0.56	0.16	0.08	1.2	0.23	0.37	0.10
A876621		40	<0.1	1.0	49	1.6	0.16	0.12	0.04	0.13	0.04	0.02	0.2	0.05	0.10	0.03
A876622		288	22.3	8.8	110	78.1	1.77	1.15	0.75	2.14	0.37	0.23	9.9	2.03	2.62	0.31
A876623		61	0.3	13.0	34	21.0	1.73	1.15	0.49	1.66	0.38	0.16	6.6	1.59	1.50	0.27
A876624		49	0.8	4.9	76	99.2	1.11	0.46	0.70	1.77	0.18	0.05	19.9	5.11	3.23	0.21
A876625		319	3.8	21.5	140	72.6	4.08	2.26	1.49	4.72	0.78	0.30	31.7	7.35	6.60	0.69
A876626		59	0.9	7.4	51	134.0	1.49	0.85	0.64	1.68	0.28	0.13	14.0	3.80	2.39	0.24
A876627		34	1.0	5.7	32	49.0	0.86	0.51	0.33	0.97	0.18	0.08	6.8	1.77	1.21	0.14
A876628		150	3.0	8.3	99	37.4	1.47	1.03	0.33	1.01	0.32	0.16	2.8	0.65	0.73	0.20
A880344		361	0.3	21.3	66	45.6	4.27	2.62	0.96	3.56	0.88	0.33	8.7	1.64	2.86	0.64
A880345		312	3.8	21.0	139	76.4	4.04	2.29	1.52	4.75	0.79	0.31	32.3	7.44	6.74	0.68
A880346		62	0.7	11.6	80	96.6	2.00	1.16	0.64	2.26	0.40	0.16	16.3	4.26	2.98	0.34
A880347		374	1.5	6.8	77	35.6	1.44	0.86	0.45	1.36	0.29	0.15	3.7	0.70	1.19	0.22
A880348		277	0.3	16.1	162	28.5	2.95	1.92	0.79	2.36	0.62	0.27	5.7	1.07	1.89	0.43
A880349		51	0.1	13.8	17	8.2	1.95	1.27	0.56	1.71	0.42	0.23	4.3	0.79	1.38	0.28
A880350		3	0.1	1.4	4	23.4	0.28	0.17	0.05	0.28	0.05	0.03	2.0	0.53	0.41	0.04

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BALMERTOWN ON P0V 1C0

Finalized Date: 18-OCT-2021
Account: QDF

Project: DIS96588

CERTIFICATE OF ANALYSIS TB21253034

Sample Description	Method Analyte Units LOD	ME-MS61r Tm ppm 0.01	ME-MS61r Yb ppm 0.03
A876612		0.24	1.58
A876613		0.18	1.24
A876614		0.04	0.30
A876615		0.03	0.22
A876616		0.26	1.65
A876617		0.30	2.15
A876618		0.23	1.52
A876619		0.07	0.43
A876620		0.07	0.51
A876621		0.02	0.13
A876622		0.20	1.50
A876623		0.16	1.00
A876624		0.06	0.40
A876625		0.32	2.09
A876626		0.12	0.87
A876627		0.08	0.51
A876628		0.15	1.05
A880344		0.37	2.41
A880345		0.32	2.10
A880346		0.16	1.12
A880347		0.13	0.92
A880348		0.28	1.88
A880349		0.20	1.42
A880350		0.03	0.20

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CERTIFICATE OF ANALYSIS TB21253034

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: NSS is non-sufficient sample.
ALL METHODS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61r

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-22	LOG-24
PUL-32m	PUL-QC	SPL-21	WEI-21

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP22	ME-MS61r

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Finalized Date: 25-NOV-2021
Account: QDF

CERTIFICATE TB21282235

Project: DIS96752

P.O. No.: 70014732

This report is for 14 samples of Channel submitted to our lab in Thunder Bay, ON, Canada on 19 OCT 2021.

The following have access to data associated with this certificate:

RLO ASSAYS	PASCAL CHANTIGNY	JAMIE KRISTOFF

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-32m	Pulverize 500g - 85%<75um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-MS61r	4A multi-element ICP-MS + REE	
Au-ICP22	Au 50g FA ICP-AES finish	ICP-AES

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

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

Signature:

Saa Traxler, General Manager, North Vancouver

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To: EVOLUTION MINING, RED LAKE OPERATION
15 ERIC RADFORD WAY
BAG 2000
BALMERTOWN ON P0V 1C0

Finalized Date: 25-NOV-2021
Account: QDF

Project: DIS96752

CERTIFICATE OF ANALYSIS TB21282235

Sample Description	Method	WEI-21	Au-ICP22	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Recvd Wt.	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.001	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
A876629		2.58	0.001	0.02	1.48	973	40	0.11	0.01	17.70	0.05	2.45	80.9	3360	2.95	20.4
A876630		3.67	<0.001	0.02	1.52	746	40	0.13	0.04	22.5	0.05	3.59	64.7	2070	2.21	14.0
A876631		3.76	<0.001	0.01	2.00	1280	50	0.12	0.02	16.90	0.06	2.70	86.1	2990	3.64	13.2
A876632		3.84	<0.001	0.01	1.32	1720	40	0.10	0.01	15.85	0.09	2.32	95.5	4190	2.60	11.6
A876633		5.02	<0.001	0.01	1.13	1625	30	0.11	<0.01	15.30	0.10	2.04	88.3	6640	2.16	10.3
A876634		5.59	<0.001	0.01	1.51	896	40	0.10	0.01	15.00	0.07	1.04	67.6	3470	2.74	12.1
A876635		1.71	<0.001	0.06	7.50	9.9	680	1.88	0.15	2.10	0.03	73.4	8.6	64	6.92	18.8
A876636		1.79	<0.001	0.05	1.95	343	30	0.10	<0.01	13.95	0.05	1.19	60.7	2800	1.69	29.6
A876637		1.80	<0.001	0.02	1.37	550	30	0.06	0.01	13.65	0.06	0.65	55.5	2110	1.92	14.4
A876638		1.95	<0.001	0.01	1.72	1440	50	0.09	0.01	12.05	0.06	0.50	106.5	3140	3.49	15.4
A876639		1.99	<0.001	<0.01	1.32	773	40	0.08	0.01	14.35	0.08	0.49	62.4	2370	2.79	7.2
A876640		1.84	0.003	0.05	6.78	9.2	20	0.18	0.02	12.05	0.07	4.45	44.3	202	0.53	163.5
A876641		1.99	0.001	0.04	4.32	6.1	10	0.10	0.01	19.80	0.10	3.28	29.1	131	0.42	101.0
A876642		2.85	0.002	0.05	6.01	4.7	20	0.14	0.01	14.60	0.08	4.39	40.3	165	0.62	163.5

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CERTIFICATE OF ANALYSIS TB21282235

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
A876629		2.83	2.84	<0.05	0.1	0.012	0.49	1.6	20.8	1.76	4260	0.21	0.05	0.1	1205	50
A876630		3.08	2.72	<0.05	0.1	0.015	0.49	2.4	24.3	1.73	5390	0.11	0.05	0.1	949	50
A876631		3.14	3.76	<0.05	0.1	0.013	0.69	1.8	28.1	1.83	4840	0.15	0.05	0.1	1210	40
A876632		4.48	2.81	<0.05	0.1	0.011	0.46	1.5	23.6	4.54	4360	0.08	0.04	<0.1	1570	30
A876633		4.14	2.66	<0.05	0.1	0.006	0.38	1.6	18.4	3.76	3800	0.11	0.03	<0.1	1435	40
A876634		3.80	3.26	<0.05	0.1	0.014	0.50	0.7	29.4	3.28	3500	0.08	0.03	<0.1	929	50
A876635		2.60	19.75	0.14	4.5	0.031	2.98	36.8	45.1	0.73	466	0.71	2.95	11.1	21.3	510
A876636		4.96	3.38	<0.05	0.1	0.011	0.31	0.6	70.0	6.59	2340	0.14	0.04	0.1	974	50
A876637		5.30	2.63	<0.05	0.1	0.012	0.30	<0.5	45.1	5.81	2510	0.08	0.02	0.1	758	40
A876638		4.89	3.20	<0.05	0.1	0.012	0.59	<0.5	37.7	4.74	2410	0.24	0.03	0.1	1420	30
A876639		4.92	2.36	<0.05	0.1	0.010	0.53	<0.5	26.0	6.18	2560	0.09	0.06	<0.1	952	40
A876640		7.16	11.85	<0.05	0.4	0.049	0.07	1.8	83.4	2.14	3130	0.17	1.51	1.0	142.0	210
A876641		3.77	7.58	<0.05	0.4	0.033	0.06	1.6	46.6	1.46	4050	0.07	1.31	0.6	94.6	140
A876642		5.77	11.00	<0.05	0.4	0.047	0.07	1.8	72.2	2.14	3060	0.10	1.56	0.8	128.0	170

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CERTIFICATE OF ANALYSIS TB21282235

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
A876629		0.8	24.1	<0.002	0.18	64.7	14.6	<1	0.2	54.3	<0.05	<0.05	0.03	0.021	0.26	0.1
A876630		0.7	21.9	<0.002	0.17	50.0	14.3	<1	0.2	64.8	<0.05	<0.05	0.05	0.024	0.23	0.1
A876631		0.8	30.5	<0.002	0.14	77.9	18.2	<1	0.2	42.9	<0.05	<0.05	0.03	0.026	0.33	0.1
A876632		1.2	19.3	<0.002	0.30	75.7	13.4	<1	<0.2	53.7	<0.05	<0.05	0.01	0.022	0.22	0.1
A876633		1.3	16.3	<0.002	0.22	83.3	11.1	<1	<0.2	49.7	<0.05	<0.05	0.03	0.020	0.18	0.1
A876634		0.7	21.7	<0.002	0.16	31.7	15.1	<1	0.2	46.7	<0.05	<0.05	0.02	0.020	0.24	<0.1
A876635		18.2	151.5	<0.002	0.02	0.35	6.4	<1	1.5	367	1.09	<0.05	17.15	0.226	0.97	3.0
A876636		0.6	11.7	<0.002	0.10	34.5	17.1	<1	<0.2	93.6	<0.05	<0.05	0.09	0.032	0.13	<0.1
A876637		0.6	13.0	<0.002	0.22	20.7	12.5	<1	0.3	68.0	<0.05	<0.05	0.02	0.023	0.15	<0.1
A876638		1.0	24.1	<0.002	0.35	54.2	15.0	<1	0.2	65.1	<0.05	<0.05	0.02	0.023	0.27	<0.1
A876639		0.7	20.2	<0.002	0.14	53.3	12.9	<1	0.2	87.0	<0.05	<0.05	0.02	0.025	0.21	<0.1
A876640		<0.5	0.9	<0.002	0.12	1.54	33.5	1	0.5	82.8	0.07	<0.05	0.15	0.336	<0.02	0.1
A876641		<0.5	0.6	<0.002	0.13	1.36	21.6	1	0.3	71.6	<0.05	<0.05	0.11	0.176	<0.02	0.1
A876642		<0.5	0.8	<0.002	0.10	1.76	30.1	1	0.4	85.9	0.06	<0.05	0.14	0.229	<0.02	0.1

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BALMERTOWN ON P0V 1C0

Finalized Date: 25-NOV-2021
Account: QDF

Project: DIS96752

CERTIFICATE OF ANALYSIS TB21282235

Sample Description	Method	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r	ME-MS61r
	Analyte	V	W	Y	Zn	Zr	Dy	Er	Eu	Gd	Ho	Lu	Nd	Pr	Sm	Tb
	Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	1	0.1	0.1	2	0.5	0.05	0.03	0.03	0.05	0.01	0.01	0.1	0.03	0.03	0.01
A876629		66	0.5	6.1	148	3.6	0.77	0.61	0.19	0.65	0.18	0.11	1.5	0.32	0.46	0.11
A876630		63	1.0	10.0	60	4.1	1.05	0.77	0.31	0.91	0.24	0.14	2.3	0.49	0.61	0.15
A876631		87	0.8	7.5	101	4.9	0.83	0.61	0.21	0.73	0.19	0.13	1.8	0.38	0.51	0.12
A876632		66	0.6	6.8	180	3.0	0.73	0.53	0.23	0.66	0.17	0.10	1.5	0.32	0.46	0.11
A876633		62	0.3	5.7	267	2.6	0.70	0.54	0.17	0.57	0.16	0.09	1.5	0.32	0.42	0.10
A876634		65	0.3	4.0	145	3.4	0.49	0.35	0.11	0.39	0.11	0.06	0.8	0.16	0.27	0.07
A876635		48	0.4	15.0	53	162.0	2.62	1.49	0.86	3.25	0.51	0.23	27.9	8.35	4.77	0.47
A876636		83	0.7	3.7	51	4.2	0.55	0.38	0.13	0.43	0.13	0.06	0.9	0.18	0.30	0.08
A876637		64	0.6	2.9	46	3.1	0.45	0.30	0.10	0.37	0.10	0.05	0.6	0.11	0.24	0.06
A876638		74	0.6	2.5	61	2.8	0.36	0.25	0.07	0.28	0.08	0.04	0.5	0.08	0.18	0.05
A876639		61	0.4	2.5	59	3.1	0.37	0.26	0.08	0.29	0.08	0.04	0.5	0.08	0.20	0.05
A876640		225	0.1	15.0	79	12.1	2.37	1.55	0.50	1.96	0.53	0.22	3.9	0.74	1.41	0.34
A876641		142	0.1	16.3	59	10.6	2.08	1.59	0.33	1.53	0.49	0.25	2.9	0.54	1.03	0.28
A876642		205	0.1	15.3	75	12.2	2.47	1.74	0.51	1.97	0.53	0.24	3.8	0.71	1.37	0.34

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CERTIFICATE OF ANALYSIS TB21282235

Sample Description	Method	ME-MS61r	ME-MS61r
	Analyte	Tm	Yb
	Units	ppm	ppm
	LOD	0.01	0.03
A876629		0.09	0.62
A876630		0.12	0.82
A876631		0.10	0.71
A876632		0.08	0.56
A876633		0.07	0.53
A876634		0.06	0.40
A876635		0.22	1.47
A876636		0.06	0.39
A876637		0.05	0.30
A876638		0.04	0.25
A876639		0.04	0.24
A876640		0.23	1.49
A876641		0.23	1.62
A876642		0.24	1.63

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Project: DIS96752

CERTIFICATE OF ANALYSIS TB21282235

CERTIFICATE COMMENTS

ANALYTICAL COMMENTS

Applies to Method: REEs may not be totally soluble in this method.
ME-MS61r

LABORATORY ADDRESSES

Applies to Method: Processed at ALS Thunder Bay located at 645 Norah Crescent, Thunder Bay, ON, Canada

CRU-31	CRU-QC	LOG-22	PUL-32m
PUL-QC	SPL-21	WEI-21	

Applies to Method: Processed at ALS Vancouver located at 2103 Dollarton Hwy, North Vancouver, BC, Canada.

Au-ICP22	ME-MS61r

Appendix IV – Detailed Maps

LITHOLOGY LEGEND

Outcrops

- C - Chemical Sediments
- C2 - Iron Formation
- S - Sediment
- S1 - Mudstone
- S1A - Argillite
- S1B - Cherty Argillite
- S2 - Siltstone
- S2A - Wacke Siltstone
- S3 - Sandstone
- S3B - Feldspar-rich Sandstone
- S4 - Conglomerate
- S4A - Monogenic Conglomerate
- E1 - Extrusive, Mafic
- E1A - Basalt
- E1T4 - Lapilli Tuff
- E2 - Extrusive, Intermediate
- E2T
- E2T2
- I0 - Intrusive, Ultramafic
- I1 - Intrusive, Mafic
- I1A - Gabbro
- I2 - Intrusive, Intermediate
- I2A - Diorite

Map Lithologies

- Marble
- BIF
- Mudstone
- Siltstone
- Sandstone
- Conglomerate
- Ultramafic Extrusive
- Mafic Extrusive
- Intermediate Extrusive
- Felsic Extrusive
- Ultramafic Intrusive
- Mafic Intrusive
- Intermediate Intrusive
- Felsic intrusive, und.

SYMBOL LEGEND

- Townships
- Boundary Cell
- Operational Cell
- Patent
- License of Occupation_20220425
- Other Cells
- Traverse Lines
- 2021 Map Stations

Topography

- Contour
- Watercourse
- Wetland
- Waterbody

Structure Data

Planar

- Litho contact - sharp / undeformed
- Bedding (S0)
- Cleavage
- Foliation
- Shear / mylonitic foliation
- Fault
- Vein contact

Linear

- Fold axis
- Lineation - Mineral
- Lineation - Stretching

Younging

- Bedding (S0) tops known, overturned
- Bedding (S0) tops known, upright
- Pillow tops, upright
- Shear Zone

N

TODD TWP

FAIRLIE TWP

BAIRD TWP

Golden Arm-Humlin Geologic Map

UTM: NAD83 Z15N	
Scale: 1:1350	NTS: 52N/4, 52M/1
Townships:Todd, Fairlie	Date of Survey: Aug. 2021-Sept. 2021
Drawn By: Lydia Calhoun	Date Drawn: Sept. 14, 2022

0 0.6 1.2 1.8 km

Evolution MINING

423000 424000 425000 426000 427000 428000 429000 430000 431000 432000 433000

5658000 5657000 5656000 5655000 5654000 5653000 5652000 5651000

LEGEND

- Townships
- Boundary Cell
- Operational Cell
- Patent
- Other Cells
- Traverse Lines
- 2021 Sample Locations
- Channel Location, see text for details

Topography

- Contour
- Watercourse
- Wetland
- Waterbody

Lithologies

- Marble
- BIF
- Mudstone
- Siltstone
- Sandstone
- Conglomerate
- Ultramafic Extrusive
- Mafic Extrusive
- Intermediate Extrusive
- Felsic Extrusive
- Ultramafic Intrusive
- Mafic Intrusive
- Intermediate Intrusive
- Felsic intrusive, und.

N

TODD TWP

FAIRLIE TWP

BAIRD TWP

Golden Arm-Humlin Sample Map

UTM: NAD83 Z15N	
Scale: 1:1100	NTS: 52N/4, 52M/1
Townships:Todd, Fairlie	Date of Survey: Aug. 2021-Sept. 2021
Drawn By: Lydia Calhoun	Date Drawn: Sept. 14, 2022

0 0.6 1.2 1.8 km

Evolution MINING

Appendix V – Expenditure Report

Golden Arm - Humlin - North Madsen Expenditure Report: Cost Breakdown per Claim

				Mapping and Grab sampling								Channel Sampling							
Claim #	Type	Township	Project	Mapping Stations	Personel: Geologists - Fieldwork	Grab Samples	# of grab samples	Assay Costs	Food	Fuel (Boat)	Consumables	Channel Samples	# of channel samples	Assay Costs	Personel: Geologists - Fieldwork	Food	Fuel (Boat)	Total Costs per Claim	Total Costs per Claim ROUNDED
163630	Boundary Cell	TODD	Golden Arm	HUM-104	269.19		0	-	35.14	6.49	4.17							314.98	315
152360	Single Cell	TODD	Golden Arm		269.19	A876624	1	102.50	35.14	6.49	4.17							417.48	417
203836	Single Cell	TODD	Golden Arm	HUM-103	269.19		0	-	35.14	6.49	4.17							314.98	315
235690	Single Cell	TODD	Golden Arm	HUM-101, HUM102	269.19		0	-	35.14	6.49	4.17							314.98	315
261606	Single Cell	TODD	Golden Arm		269.19		0	-	35.14	6.49	4.17							314.98	315
272366	Single Cell	TODD	Golden Arm	HUM-93, HUM-94, HUM-95	269.19	A876623, A876626	2	205.00	35.14	6.49	4.17							519.98	520
314113	Single Cell	TODD	Golden Arm	HUM-96, HUM-97, HUM-98	269.19	A876627	1	102.50	35.14	6.49	4.17							417.48	417
100982	Single Cell	FAIRLIE	Humlin	HUM-086	269.19		0	-	35.14	6.49	4.17							314.98	315
177391	Single Cell	FAIRLIE	Humlin	HUM-062, HUM-063	269.19		0	-	35.14	6.49	4.17							314.98	315
177390	Single Cell	FAIRLIE	Humlin	HUM-064	269.19	A880346	1	102.50	35.14	6.49	4.17							417.48	417
164263	Single Cell	FAIRLIE	Humlin	HUM-065, HUM-066	269.19		0	-	35.14	6.49	4.17							314.98	315
259611	Single Cell	FAIRLIE	Humlin	HUM-067	269.19		0	-	35.14	6.49	4.17							314.98	315
164262	Single Cell	FAIRLIE	Humlin	HUM-069	269.19		0	-	35.14	6.49	4.17							314.98	315
214863	Single Cell	FAIRLIE	Humlin	HUM-068	269.19	A8803747	1	102.50	35.14	6.49	4.17							417.48	417
115106	Single Cell	FAIRLIE	Humlin	HUM-070	269.19		0	-	35.14	6.49	4.17							314.98	315
196180	Single Cell	FAIRLIE	Humlin	HUM-076, HUM-077, HUM-078	269.19		0	-	35.14	6.49	4.17							314.98	315
215100	Single Cell	FAIRLIE	Humlin	HUM-071, HUM-072, HUM-073, HUM-074, HUM-075, HUM-007, HUM-079, HUM-080	269.19	A880348, A880349, A876612, A876613	4	410.00	35.14	6.49	4.17	A876642, A876641, A876640	4	346.98	237.14	50.00	15.00	1,374.10	1,374
195254	Boundary Cell	FAIRLIE	Humlin	HUM-015	269.19		0	-	35.14	6.49	4.17							314.98	315
213245	Single Cell	FAIRLIE	Humlin	HUM-046, HUM-047, HUM-048, HUM-049, HUM-050	269.19	A880335, A880336, A880337, A880338, A876618	5	512.50	35.14	6.49	4.17							827.48	827
309738	Boundary Cell	FAIRLIE	Humlin	HUM-040, HUM-041	269.19	A880330, A880331, A880332	3	307.50	35.14	6.49	4.17							622.48	622
147112	Single Cell	FAIRLIE	Humlin	HUM-036, HUM-037, HUM-038, HUM-039, HUM-042, HUM-043, HUM-044, HUM-045	269.19	A880327, A880328, A880329, A880333, A880334	5	512.50	35.14	6.49	4.17							827.48	827
147111	Single Cell	FAIRLIE	Humlin	HUM-052, HUM-053, HUM-054	269.19	A880335, A880339	2	205.00	35.14	6.49	4.17							519.98	520
250460	Single Cell	FAIRLIE	Humlin	HUM-051	269.19		0	-	35.14	6.49	4.17							314.98	315
242407	Single Cell	FAIRLIE	Humlin	HUM-055, HUM-056, HUM-087	269.19	A880341, A880342, A876619, A876620	4	410.00	35.14	6.49	4.17	A876629, A876630, A876631, A876636, A876637, A876638, A876639, A876632, A876633, A876634	10	867.44	592.86	50.00	15.00	2,250.28	2,250
242408	Single Cell	FAIRLIE	Humlin	HUM-023, HUM-024, HUM-025	269.19	A876617	1	102.50	35.14	6.49	4.17							417.48	418
164138	Boundary Cell	FAIRLIE	Humlin	HUM-019, HUM-021, HUM-026, HUM-029, HUM-030, HUM-034	269.19	A880323, A880324, A876616	3	307.50	35.14	6.49	4.17							622.48	623
213246	Boundary Cell	FAIRLIE	Humlin	HUM-020, HUM-022	269.19		0	-	35.14	6.49	4.17							314.98	315
204801	Single Cell	FAIRLIE	Humlin	HUM-035	269.19		0	-	35.14	6.49	4.17							314.98	315
101094	Boundary Cell	FAIRLIE	North Madsen	HUM-090	269.19	A876621	1	102.50	35.14	6.49	4.17							417.48	417
341229	Boundary Cell	FAIRLIE	North Madsen	HUM-081, HUM-082, HUM-083, HUM-084, HUM-085, HUM-088, HUM-089, HUM-009	269.19	A876614	1	102.50	35.14	6.49	4.17							417.48	418
262231	Boundary Cell	FAIRLIE	North Madsen	HUM-005, HUM-006, HUM-008	269.19		0	-	35.14	6.49	4.17							314.98	315
166841	Boundary Cell	FAIRLIE	North Madsen	HUM-003, HUM-004	269.19	A880316, A880317, A880318, A880319	4	410.00	35.14	6.49	4.17							724.98	725
282286	Single Cell	FAIRLIE	North Madsen	HUM-001, HUM-002, HUM-010, HUM-011, HUM-012	269.19	A880315	1	102.50	35.14	6.49	4.17							417.48	418
282285	Boundary Cell	FAIRLIE	North Madsen	HUM-013, HUM-014, HUM-018	269.19	A880320	1	102.50	35.14	6.49	4.17							417.48	418
259615	Boundary Cell	FAIRLIE	North Madsen	HUM-016, HUM-017	269.19	A880321	1	102.50	35.14	6.49	4.17							417.48	418
271599	Boundary Cell	FAIRLIE	North Madsen	HUM-091	269.19		0	-	35.14	6.49	4.17							314.98	315
PAT-8264	42006-0020	FAIRLIE	North Madsen	HUM-092	269.19	A876622	1	102.50	35.14	6.49	4.17							417.48	418
			TOTALS	Mapping Stations 93	9,960.00	Grab Samples	43	4,407.51	1,300.00	240.00	154.32	Channel Samples	14	1,214.42	830.00	100.00	30.00	18,236.25	18,236