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Assessment Report 2021

## **Confederation Belt Properties Geological Prospecting & Sampling Program**

Knott, Mitchell, Earngey, and Bowerman Townships  
Red Lake Mining Division  
NTS 052N and 052K



**TRILLIUM GOLD™**

Trillium Gold Mines Inc.

February 28, 2022

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## LIST OF ABBREVIATIONS

Alt – altered, alteration	Fs – feldspar, feldspathic	Plag – plagioclase
Amyg – amygdaloidal	GAB – gabbro	Po – pyrrhotite
Anhy – anhydrite	GR – granodiorite	Ppm – parts per million
Aspy – arsenopyrite	Gyp – gypsum	Px – pyroxene
Bas – basalt	Hbl – hornblende	Qfp – quartz feldspar porphyry
Bio – biotite	HCl – hydrochloric acid	QP – quartz porphyry
Calc – calcite	Intr – intrusive	Qtz – quartz
Carb – carbonate	Kfs – K-feldspar	RHYL – rhyolite
Chl – chlorite	LTFF – lapilli tuff	Ser – sericite
Cpy –chalcopyrite	MDI – Mineral Deposit Inventory	Sph – sphalerite
CTFF – crystal tuff	MF – mafic flow	Tm – tourmaline
Diss – disseminated	Mt – magnetite	VMS – volcanogenic massive sulphide
Ep – epidote	MU – mafic volcanics	Volc – volcanic
FEL – felsic volcanic	Ox – oxide	
Fol – foliation, foliated	PHYL – phyllite	

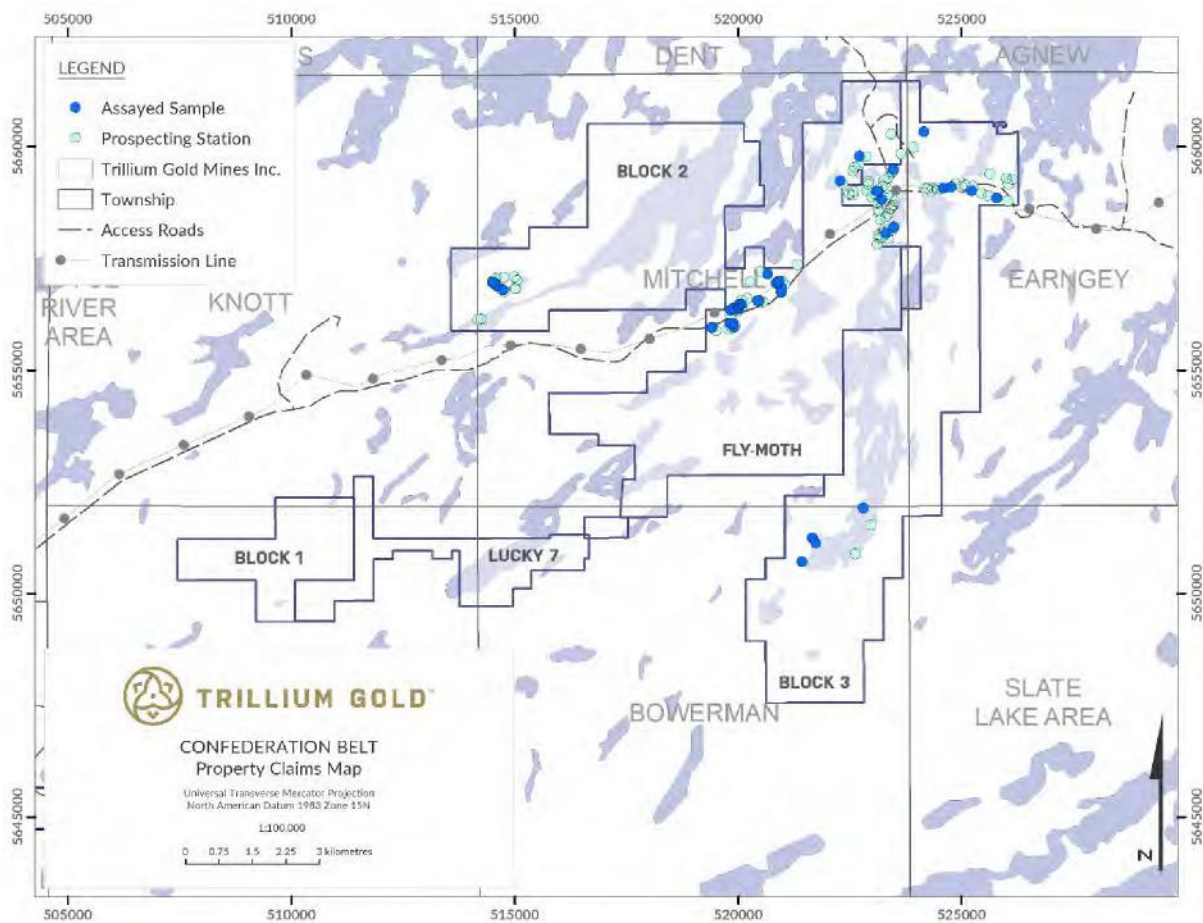


## SUMMARY

Trillium Gold Mines Inc. (TGM) executed a prospecting program on their Confederation belt properties, Red Lake Mining Division, during the summer field season of 2021 from June 25th to September 28th, for a span 96 days, and which comprised of 26 man-days spent in the field. Because of the elevated fire risk in 2021 the field work was somewhat interrupted by preventative evacuations.

This work was undertaken to enhance geological understanding in the belt with the aim of developing gold exploration targets which will be followed-up on with programs in subsequent years. The program was carried out by geologists Abbie Wright, Samuel Lewis, Norm Aime of Trillium Gold Mines, and student geologists David Antoniadis and Iyowuna Amakiri. Observations and descriptive field names were given to rocks in the field at 144 observation stations, and 42 samples of rock were taken for analysis for gold (see Appendix Ib – Map; Appendix II – Results Table).

Sample locations were logged using UTM coordinates in NAD83 Zone 15N using a handheld GPS receiver.



**Figure 1.** Location map showing the Trillium Gold Mines Inc. properties Block 2, Fly-Moth, and Block 3 on which geological prospecting and sampling was performed in the summer field season, 2021.

## CLAIMS STATUS

Geological prospecting and sampling were conducted on 37 unpatented claims spanning a portion of Trillium Gold Mine's central Confederation belt properties Block 2, Block 3, and Fly-Moth, as outlined below in Table 1, and shown in Figure 1, and Appendix I.

PROPERTY	TENURE ID	TOWNSHIP	TENURE TYPE	HOLDER	NO OF CELLS
Block 2	127488	MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	139537	KNOTT, MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	188177	MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	200857	MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	228836	KNOTT, MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	283980	MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	295340	KNOTT, MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 2	304165	MITCHELL	Single Cell Mining Claim	(10) TRILLIUM GOLD MINES INC, (90) EMX Properties (Canada) Inc.	1
Block 3	100217	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	100219	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	114994	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	121933	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	127556	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	156229	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	156786	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	156789	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	157003	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	158897	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	160422	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	162251	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	162296	BOWERMAN, MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	162298	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	163081	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	176461	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1

Block 3	185945	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	202111	BOWERMAN, MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	202112	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	202113	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	210102	EARNGEY, MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	210103	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	210104	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	210232	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	215230	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	224305	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	228994	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	276127	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	276128	EARNGEY, MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	288230	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	288231	EARNGEY, MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	288789	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	295544	BOWERMAN	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	312071	EARNGEY, MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	324788	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Block 3	324789	EARNGEY	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	117582	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	156276	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	221134	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	222281	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	229838	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	241258	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	241270	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	271100	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1

Fly-Moth	276753	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	324778	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	336780	MITCHELL	Single Cell Mining Claim	(100) TRILLIUM GOLD MINES INC	1
Fly-Moth	583653	MITCHELL	Multi-cell Mining Claim	(100) TRILLIUM GOLD MINES INC	
Fly-Moth	583654	MITCHELL	Multi-cell Mining Claim	(100) TRILLIUM GOLD MINES INC	

**Table 1.** Trillium Gold Mines claims data.

## LOCATION & ACCESS

Prospecting and sampling were undertaken across the Trillium Gold Mine's claims in the Confederation belt in the townships of Knott, Mitchell, Earngey, Bowerman, and Slate Lake Area (see Figure 1, and Appendix I).

The properties can be accessed from the town of Ear Falls, Ontario by taking Hwy 657 (Goldpines Road) northeast for approximately 0.5 km and turning left onto South Bay Mine Road. Continuing along South Bay Mine Road to the properties and traversing by foot to the grids is the most straightforward means of access.

## HISTORY & PREVIOUS WORK

A large in-depth history of work performed on the claims included for assessment is not in the purview for the scope of the work performed and reported herein. Because of the large geographic extent of the properties, and 60-year history of work in the belt, a summary table of prior work performed is given in Table 2. Assessment reports which overlap (using the Ontario government shapefile) the TGM property boundaries were selected using GIS and are tabulated below.

AFRI	YEAR	COMPANY	TOWNSHIP	WORK DESCRIPTION
52K15NE0202	1972	Biron Bay Gold Mines Ltd, T E Barton	Bowerman	Magnetic / Magnetometer Survey
52K15NE0201	1988	Placer Dome Ltd	Bowerman	Airborne Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0105	1976	Kerr Addison Mines Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52K15NE0002	1987	Dome Expl (Canada) Ltd	Bowerman	Diamond Drilling
52K15NE0001	1988	Placer Dome Ltd	Bowerman	Electromagnetic Very Low Frequency, Magnetic / Magnetometer Survey
52N02SE0091	1979	St Joseph Exploration Ltd	Mitchell	Airborne Electromagnetic
52K15NE0220	1989	E Van Hees	Bowerman	Assaying and Analyses
52N02SE0074	1989	Placer Dome Ltd	Mitchell	Diamond Drilling
52N02SE0071	1990	Noramco Exploration Inc	Mitchell	Electromagnetic
52N02SE0076	1990	Noranda Exploration Co	Mitchell	Diamond Drilling

52N02SE0104	1976	Kerr Addison Mines Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52K15NW0040	1971	Roxmark Mines Ltd	Belanger	Induced Polarization
52N02SE0290	1980	Selco Mining Corp Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0401	1980	St Joseph Exploration Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0085	1980	St Joseph Exploration Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SW0020	1971	Selco Exploration Co Ltd	Belanger	Assaying and Analyses, Diamond Drilling
52K15NE0203	1984	Getty Canadian Metals Ltd	Bowerman	Airborne Magnetometer, Airborne Radiometric
52N02SE0017	1986	Dome Expl (Canada) Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0070	1991	Minnova Inc	Mitchell	Diamond Drilling, Geochemical
52N02SE0069	1992	Breakwater Resc Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0092	1979	St Joseph Exploration Ltd	Mitchell	Diamond Drilling
52N02SE0128	1975	Kerr Addison Mines Ltd	Bowerman	Diamond Drilling
52N02SE0125	1980	Selco Mining Corp Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey
52K15NW0006	1973	Copper-Lode Mines Ltd	Belanger	Airborne Electromagnetic, Airborne Magnetometer
52N02SE0111	1970	South Bay Mines Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0112	1970	South Bay Mines Ltd	Mitchell	Diamond Drilling
52N02SE0090	1980	St Joseph Exploration Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0082	1989	Noranda Exploration Co	Mitchell	Assaying and Analyses, Geological Survey / Mapping
52N02SE0073	1990	Noranda Exploration Co	Mitchell	Electromagnetic Very Low Frequency, Geochemical, Open Cutting
52N02SE0126	1981	Unknown	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SE0098	1976	Selco Exploration Co Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0091	1979	St Joseph Exploration Ltd	Mitchell	Airborne Electromagnetic
52N02SW0008	1965	Norite Explorations Ltd	Mitchell	Diamond Drilling
52N02SW8911	1980	Selco Mining Corp Ltd	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SW8911	1980	Selco Mining Corp Ltd	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SE0042	1969	South Bay Mines Ltd	Uchi Lake Area	Diamond Drilling
52N02SE0046	1969	South Bay Mines Ltd	Uchi Lake Area	Diamond Drilling
52N02SE0021	1994	Metall Mining Corp	Earngy	Assaying and Analyses, Diamond Drilling
52N02SW0014	1992	C M Meyer	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0001	1993	Rio Algom Exploration Inc	Earngy	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0016	1995	Inco Ltd	Mitchell	Compilation and Interpretation - Diamond Drilling, Diamond Drilling, Geochemical, Microscopic Studies
52N02SW2012	2003	Tribute Minerals Corp	Bowerman	Induced Polarization, Line cutting, Other Geotechnical, Resistivity
52N02SE0030	1996	Cumberland Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0041	1995 - 1996	Inmet Mining Corp	Dent	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
52N02SE0041	1995 - 1996	Inmet Mining Corp	Dent	Assaying and Analyses, Diamond Drilling, Downhole Geophysics

52N02SE0020	1995	Cumberland Resources Ltd	Earney	Compilation and Interpretation - Diamond Drilling, Compilation and Interpretation - Geology, Compilation and Interpretation - Ground Geophysics, Geochemical, Geological Survey / Mapping
52N02SE9893	1980	St Joseph Exploration Ltd	Earney	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0123	1970	Alexander Red Lake Mines Ltd	Dent	Compilation and Interpretation - Diamond Drilling, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Manual Labour
52N02SE9207	1991 - 1992	Bhp Minerals Canada Ltd	Mitchell	Compilation and Interpretation - Geochemistry, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Gravity, Magnetic / Magnetometer Survey, Microscopic Studies, Open Cutting, Prospecting By Licence Holder*
52N02SE9207	1991 - 1992	Bhp Minerals Canada Ltd	Mitchell	Compilation and Interpretation - Geochemistry, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Gravity, Magnetic / Magnetometer Survey, Microscopic Studies, Open Cutting, Prospecting By Licence holder*
52N02SW2004	1998	Noranda Mining & Expl Inc	Bowerman	Geochemical, Geological Survey / Mapping
52N02SW8905	1991	Minnova Inc	Belanger	Geochemical, Geological Survey / Mapping, Miscellaneous Compilation and Interpretation, Other
52N02SE9882	1988	Orofino Resources Ltd	Agnew	Geochemical
52N02SE9892	1980	Unknown	Earney	Diamond Drilling
52N02SE9895	1978	Unknown	Earney	Diamond Drilling
52N01SW0002	1992	J Williamson	Jubilee Lake Area	Assaying and Analyses, Bedrock Trenching, Overburden Stripping
52N02SW0130	1976	Kerr Addison Mines Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey, Prospecting By Licence Holder
52N02SE0126	1981	Unknown	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SE9890	1985	Orofino Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling, Geological Survey / Mapping
52N02SE9896	1979	Unknown	Earney	Diamond Drilling
52N02SE9972	1992 - 1993	Minnova Inc	Earney	Electromagnetic
52N02SW0013	1995	Noranda Exploration Co	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0018	1993	Metal Mining Corp	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0018	1993	Metal Mining Corp	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE2015	2003	Tribute Minerals Corp	Mitchell	Geochemical, Line cutting
52N02NE0001	1995	Noranda Mining & Expl Inc	Agnew	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02NE0001	1995	Noranda Mining & Expl Inc	Agnew	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE2004	1998	Noranda Inc	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE9989	1970	J A Murphy	Mitchell	Magnetic / Magnetometer Survey

52N02SE2008	1999	Nuinsco Resources Ltd	Mitchell	Assaying and Analyses, Compilation and Interpretation - Diamond Drilling, Diamond Drilling, Downhole Geophysics
52N02SE9911	1970	Red Lake Syndicate	Earney	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0070	1991	Minnova Inc	Mitchell	Diamond Drilling, Geochemical
52N02NE0005	1995	Cumberland Resources Ltd	Dent	Electromagnetic
52N02SE0011	1993	Rio Algom Exploration Inc	Mitchell	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52N02SW2011	2002	Kings Bay Gold Corp	Knott	Assaying and Analyses, Diamond Drilling
52N02SE2002	1998	Berland Resc Ltd	Bowerman	Assaying and Analyses, Compilation and Interpretation - Diamond Drilling, Diamond Drilling, Electromagnetic
52N02SE2002	1998	Berland Resc Ltd	Bowerman	Assaying and Analyses, Compilation and Interpretation - Diamond Drilling, Diamond Drilling, Electromagnetic
52N02SE2003	1998	Donald Hawke, Gregory Campbell	Dent	Magnetic / Magnetometer Survey, Open Cutting
52N02SW8909	1970	Cochenour Expl Ltd	Belanger	Electromagnetic, Geological Survey / Mapping
52N02SE8910	1992 - 1993	Minnova Inc	Bowerman	Electromagnetic
52N02SE2001	1997	Cumberland Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Geochemical
52N02SE2001	1997	Cumberland Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Geochemical
52N02NE0004	1994	Noranda Exploration Co	Agnew	Electromagnetic, Geological Survey / Mapping, Open Cutting, Overburden Stripping, Prospecting By Licence Holder
52N02SW2006	1999	J Williamson	Belanger	Assaying and Analyses, Bedrock Trenching, Mechanical, Overburden Stripping, Prospecting By Licence Holder
52N02SW0011	1996	Cdn Zeolite Ltd	Knott	Electromagnetic Very Low Frequency, Induced Polarization, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0032	1995 - 1996	Noranda Mining & Expl Inc	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0024	1994	Rio Algom Exploration Inc	Mitchell	Assaying and Analyses, Compilation and Interpretation - Geology, Diamond Drilling, Electromagnetic, Open Cutting
52N02SE0088	1979	Selco Mining Corp Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52K15NE0020	1980	St Joseph Exploration Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0077	1989	Noranda Exploration Co	Mitchell	Electromagnetic, Electromagnetic Very Low Frequency, Gravity
52N02SW0007	1969	Dome Expl (Canada) Ltd	Mitchell	Airborne Electromagnetic
52N02SE0106	1975	Kerr Addison Mines Ltd	Mitchell	Diamond Drilling
52N02SE0074	1989	Placer Dome Ltd	Mitchell	Diamond Drilling
52N02SE0054	1970	Dome Expl (Canada) Ltd	Uchi Lake Area	Diamond Drilling
52N02SE0102	1976	Selco Exploration Co Ltd	Mitchell	Assaying and Analyses, Diamond Drilling

52N02SE0101	1977	Kerr Addison Mines Ltd	Mitchell	Electromagnetic
52N02SE0108	1974	South Bay Mines Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0114	1973	South Bay Mines Ltd	Mitchell	Diamond Drilling
52K15NE0023	1969	Hollinger Mines Ltd	Bowerman	Airborne Electromagnetic, Airborne Magnetometer, Airborne Radiometric
52N02SE0081	1984	Cominco Ltd	Bowerman	Compilation and Interpretation - Geology, Compilation, and Interpretation - Ground Geophysics
52N02SE2013	2002	Red Lake Resc Inc	Mitchell	Assaying and Analyses, Geochemical, Geological Survey / Mapping, Manual Labour
52N02SE0085	1980	St Joseph Exploration Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02NE9863	1971	Selco Mining Corp Ltd	Agnew	Diamond Drilling, Geological Survey / Mapping
52N02SE0030	1996	Cumberland Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0020	1995	Cumberland Resources Ltd	Earngey	Compilation and Interpretation - Diamond Drilling, Compilation and Interpretation - Geology, Compilation and Interpretation - Ground Geophysics, Geochemical, Geological Survey / Mapping
52N02NE0001	1995	Noranda Mining & Expl Inc	Agnew	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0028	1994	G Campbell	Mitchell	Electromagnetic
52N02SE0032	1995 - 1996	Noranda Mining & Expl Inc	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0032	1995 - 1996	Noranda Mining & Expl Inc	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0024	1994	Rio Algom Exploration Inc	Mitchell	Assaying and Analyses, Compilation and Interpretation - Geology, Diamond Drilling, Electromagnetic, Open Cutting
52N02SW2005	1997 - 1998	Noranda Inc	Belanger	Assaying and Analyses, Diamond Drilling
52N02SE0044	1978	Kerr Addison Mines Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0073	1990	Noranda Exploration Co	Mitchell	Electromagnetic Very Low Frequency, Geochemical, Open Cutting
52N02SW0015	1995	Noranda Mining & Expl Inc	Belanger	Assaying and Analyses, Compilation and Interpretation - Geology, Downhole Geophysics, Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SW0009	1986 - 1994	C Meyer	Mitchell	Downhole Geophysics
52N02SE0025	1995	Noranda Mining & Expl Inc	Mitchell	Electromagnetic, Geochemical, Geological Survey / Mapping
52N02SE0021	1994	Metall Mining Corp	Earngey	Assaying and Analyses, Diamond Drilling
52N02SW0001	1995	Noranda Mining & Expl Inc	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0104	1976	Kerr Addison Mines Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52K15NW0017	1973	Copper-Lode Mines Ltd	Belanger	Diamond Drilling



52N02SE0072	1990	Noranda Exploration Co	Mitchell	Geochemical
52N02SE0128	1975	Kerr Addison Mines Ltd	Bowerman	Diamond Drilling
52N02SE0109	1975	Selco Mining Corp Ltd	Mitchell	Diamond Drilling
52N02SE0113	1968	W C Arrowsmith	Mitchell	Diamond Drilling
52N02SE0089	1981	Sulpetro Minerals Ltd	Mitchell	Diamond Drilling
52N02SE2005	1998	Confederation Mining Corp	Dent	Geochemical, Prospecting By Licence Holder
52N02SE2009	2000	Perry English	Mitchell	Geochemical, Geological Survey / Mapping, Prospecting By Licence Holder
52N02NE0004	1994	Noranda Exploration Co	Agnew	Electromagnetic, Geological Survey / Mapping, Open Cutting, Overburden Stripping, Prospecting By Licence Holder
52N02SE0027	1992 - 1993	D Hawke, G Campbell	Mitchell	Compilation and Interpretation - Geochemistry, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting, Prospecting By Licence Holder
52N02SE9986	1990	Minnova Inc	Mitchell	Other
52N02SW9988	1971	South Bay Mines Ltd	Mitchell	Diamond Drilling
52N02SE0081	1984	Cominco Ltd	Bowerman	Compilation and Interpretation - Geology, Compilation and Interpretation - Ground Geophysics
52N02SE0086	1980	St Joseph Exploration Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0097	1979	Selco Mining Corp Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0009	1995	A J Maciejewski, M Bobinski	Dent	Electromagnetic, Magnetic / Magnetometer Survey
52K15NW0042	1969	Muscocho Expl Ltd	Belanger	Airborne Electromagnetic, Airborne Magnetometer
52N02SE0004	1994	D R Hawke	Mitchell	Electromagnetic
52N02SE9207	1991 - 1992	Bhp Minerals Canada Ltd	Mitchell	Compilation and Interpretation - Geochemistry, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Gravity, Magnetic / Magnetometer Survey, Microscopic Studies, Open Cutting, Prospecting By Licence holder*
52N02SW0460	1970	Red Lake Syndicate	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0118	1969	North Rock Expl Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SW0130	1976	Kerr Addison Mines Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey, Prospecting By Licence Holder
52N02SW2007	2000	Nuinsco Resources Ltd	Bowerman	Electromagnetic, Open Cutting
52N02SE0029	1993	A Maciejewski	Dent	Electromagnetic, Geochemical, Magnetic / Magnetometer Survey
52N02SE0075	1989	Noranda Exploration Co	Mitchell	Electromagnetic, Gravity
52N02NE0001	1995	Noranda Mining & Expl Inc	Agnew	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0290	1980	Selco Mining Corp Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0070	1991	Minnova Inc	Mitchell	Diamond Drilling, Geochemical
52N02SE0007	1992	Minnova Inc	Uchi Lake Area	Geochemical, Geological Survey / Mapping
52N02SE9901	1970	J A Murphy	Earney	Electromagnetic
52N02SE0013	1995	Rio Algom Exploration Inc	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SW8945	1992 - 1993	D R Hawke, G Campbell	Mitchell	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey

52N02NE0022	1994 - 1995	Noranda Mining & Expl Inc	Agnew	Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0105	1976	Kerr Addison Mines Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0026	1984	Getty Canadian Metals Ltd	Belanger	Assaying and Analyses, Miscellaneous Compilation and Interpretation
52N02SE2001	1997	Cumberland Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Geochemical
52N02NE0001	1995	Noranda Mining & Expl Inc	Agnew	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0600	1992	Rio Algom Exploration Inc	Mitchell	Electromagnetic, Geochemical, Geological Survey / Mapping
52N02SW0007	1969	Dome Expl (Canada) Ltd	Mitchell	Airborne Electromagnetic
52N02SW0130	1976	Kerr Addison Mines Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey, Prospecting By Licence Holder
52N02SE9207	1991 - 1992	Bhp Minerals Canada Ltd	Mitchell	Compilation and Interpretation - Geochemistry, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Gravity, Magnetic / Magnetometer Survey, Microscopic Studies, Open Cutting, Prospecting By Licence holder*
52N02SE0126	1981	Unknown	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SW0015	1995	Noranda Mining & Expl Inc	Belanger	Assaying and Analyses, Compilation and Interpretation - Geology, Downhole Geophysics, Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SW9988	1971	South Bay Mines Ltd	Mitchell	Diamond Drilling
52N02SE0123	1970	Alexander Red Lake Mines Ltd	Dent	Compilation and Interpretation - Diamond Drilling, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Manual Labour
52K15NW0210	1971	Muscocho Expl Ltd	Belanger	Electromagnetic, Magnetic / Magnetometer Survey
52N02SW9988	1971	South Bay Mines Ltd	Mitchell	Diamond Drilling
52N02SE0123	1970	Alexander Red Lake Mines Ltd	Dent	Compilation and Interpretation - Diamond Drilling, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Manual Labour
52N02SE9972	1992 - 1993	Minnova Inc	Earney	Electromagnetic
52N02SE0013	1995	Rio Algom Exploration Inc	Bowerman	Assaying and Analyses, Diamond Drilling
52N02SE2012	2002	Red Lake Resc Inc	Mitchell	Compilation and Interpretation - Ground Geophysics, Geological Survey / Mapping, Manual Labour
52N02SE0100	1977	Selco Mining Corp Ltd	Mitchell	Diamond Drilling
52K15NW0012	1995	A Rosenthal	Belanger	Electromagnetic, Geological Survey / Mapping, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0099	1977	Selco Mining Corp Ltd	Mitchell	Diamond Drilling
52N02SE0024	1994	Rio Algom Exploration Inc	Mitchell	Assaying and Analyses, Compilation and Interpretation - Geology, Diamond Drilling, Electromagnetic, Open Cutting
52N02SE0020	1995	Cumberland Resources Ltd	Earney	Compilation and Interpretation - Diamond Drilling, Compilation and Interpretation - Geology,

				Compilation and Interpretation - Ground Geophysics, Geochemical, Geological Survey / Mapping
52N02SE0024	1994	Rio Algom Exploration Inc	Mitchell	Assaying and Analyses, Compilation and Interpretation - Geology, Diamond Drilling, Electromagnetic, Open Cutting
52N02SW0012	1994	C Meyer	Mitchell	Gravity
52N02SE9207	1991 - 1992	Bhp Minerals Canada Ltd	Mitchell	Compilation and Interpretation - Geochemistry, Compilation and Interpretation - Geology, Electromagnetic, Geochemical, Geological Survey / Mapping, Gravity, Magnetic / Magnetometer Survey, Microscopic Studies, Open Cutting, Prospecting By Licence holed*
52N02SE0128	1975	Kerr Addison Mines Ltd	Bowerman	Diamond Drilling
52N02SE9910	1986	Orofino Resources Ltd	Earngy	Diamond Drilling
52N02SE0045	1994	Noranda Exploration Co	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE0125	1980	Selco Mining Corp Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE9987	1979	St Joseph Exploration Ltd	Mitchell	Geological Survey / Mapping
52N02SE9903	1970	Red Lake Syndicate	Earngy	Electromagnetic
52N02SW2002	1998	Cdn Mining Ltd	Belanger	Induced Polarization, Open Cutting
52N02SW8908	1968	Copper-Lode Mines Ltd	Belanger	Airborne Electromagnetic, Airborne Magnetometer, Induced Polarization, Resistivity
52N02SE0014	1992	C M Meyer	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0018	1993	Metal Mining Corp	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE0085	1980	St Joseph Exploration Ltd	Mitchell	Assaying and Analyses, Diamond Drilling
52N02SE2001	1997	Cumberland Resources Ltd	Mitchell	Assaying and Analyses, Diamond Drilling, Downhole Geophysics, Geochemical
52N02SE0088	1979	Selco Mining Corp Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey
52N02SE0044	1978	Kerr Addison Mines Ltd	Mitchell	Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SW0016	1997	Noranda Mining & Expl Inc	Belanger	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
20000003525	2006 - 2007	1544230 Ontario Inc, King's Bay Gold Corp, Mainstream Minerals Corp, Perry Vern English	Slate Lake Area	Assaying and Analyses, Diamond Drilling, Electromagnetic Very Low Frequency, Line cutting, Magnetic / Magnetometer Survey
20000004432	2007 - 2008	Tribute Minerals Inc	Belanger	Assaying and Analyses, Diamond Drilling
20000004391	2007	Tribute Minerals Inc	Belanger	Diamond Drilling
20000003544	2007	Tribute Minerals Inc	Belanger	Assaying and Analyses, Diamond Drilling
20000003646	2008	Confederation Minerals Ltd	Bowerman	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
20000004815	2010	Diamine Explo Inc	Bowerman	Induced Polarization, Line cutting, Magnetic / Magnetometer Survey
20000005644	2007	Tribute Minerals Inc	Little Bear Lake Area	Assaying and Analyses, Diamond Drilling
20000006304	2010 - 2011	Mainstream Minerals Corporation	Agnew	Airborne Electromagnetic
20000005447	1989	Placer Dome Inc	Mitchell	Electromagnetic Very Low Frequency, Line cutting, Magnetic / Magnetometer Survey

20000005448	1978	Selco Mining Corp Ltd	Mitchell	Electromagnetic, Line cutting, Magnetic / Magnetometer Survey
20000005449	1971	South Bay Mines Ltd	Belanger	Diamond Drilling
20000005452	1987	Dome Expl (Canada) Ltd	Bowerman	Electromagnetic, Line cutting, Magnetic / Magnetometer Survey
20000001515	2004 - 2005	Tribute Minerals Corp	Belanger	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
20000001515	2004 - 2005	Tribute Minerals Corp	Belanger	Assaying and Analyses, Diamond Drilling, Downhole Geophysics
20000001574	2006	Tribute Minerals Corp	Belanger	Gravity, Line cutting
20000001812	2006	Sienna Minerals Inc	Dent	Geochemical, Line cutting
20000001812	2006	Sienna Minerals Inc	Dent	Geochemical, Line cutting
20000002288	2007	Perry Vern English	Belanger	Geochemical, Line cutting
20000002288	2007	Perry Vern English	Belanger	Geochemical, Line cutting
20000002288	2007	Perry Vern English	Belanger	Geochemical, Line cutting
20000002443	2006	Tribute Minerals Inc	Belanger	Assaying and Analyses, Diamond Drilling
20000002443	2006	Tribute Minerals Inc	Belanger	Assaying and Analyses, Diamond Drilling
20000002443	2006	Tribute Minerals Inc	Belanger	Assaying and Analyses, Diamond Drilling
20000003047	2008	Skyharbour Resc Ltd	Agnew	Magnetic / Magnetometer Survey
20000003245	2007	Quantec Geoscience Ltd	Dent	Induced Polarization
20000000845	2003 - 2004	Tribute Minerals Corp	Belanger	Assaying and Analyses, Diamond Drilling, Electromagnetic Very Low Frequency
20000000845	2003 - 2004	Tribute Minerals Corp	Belanger	Assaying and Analyses, Diamond Drilling, Electromagnetic Very Low Frequency
52N02SE0022	1991	Minnova Inc	Belanger	Diamond Drilling
20000003050	2006	Tribute Minerals Inc	Belanger	Assaying and Analyses, Diamond Drilling
20000005848	2009 - 2010	Claus Martin Meyer, Gerhard Meyer	Mitchell	Assaying and Analyses, Geological Survey / Mapping
20000007642	2010 - 2011	1544230 Ontario Inc, Mainstream Minerals Corporation	Earney	Diamond Drilling
20000006232	1984	Cominco Ltd	Belanger	Line cutting, Magnetic / Magnetometer Survey
20000006394	2011	Mainstream Minerals Corp	Agnew	Assaying and Analyses, Diamond Drilling
20000007707	2010 - 2012	Perry Vern English	Knott	Assaying and Analyses, Prospecting By Licence Holder
20000007312	2011 - 2012	Open Gold Corp	Mitchell	Airborne Electromagnetic, Airborne Magnetometer, Database Data
20000007439	2010	Claus Martin Meyer, Gerhard Meyer	Mitchell	Airborne Electromagnetic, Airborne Magnetometer
20000007507	2010 - 2012	Mainstream Minerals Corp	Mitchell	
20000008683	2012 - 2013	Goldcorp Canada Ltd, Goldcorp Inc	Bowerman	Assaying and Analyses, Geochemical
20000008222	2013 - 2014	Goldcorp Canada Inc, Goldcorp Inc	Bowerman	Assaying and Analyses, Geochemical, Geological Survey / Mapping
20000008490	2013	Goldcorp Canada Ltd, Goldcorp Inc	Fredart Lake Area	Magnetic / Magnetometer Survey
52N02SE0129	1970	Dome Exploration Ltd	Bowerman	Diamond Drilling
52N02SW0130	1976	Kerr Addison Mines Ltd	Bowerman	Electromagnetic, Magnetic / Magnetometer Survey, Prospecting By Licence Holder
52N02SE0022	1991	Minnova Inc	Belanger	Diamond Drilling
52N02SE0040	1969	South Bay Mines Ltd	Uchi Lake Area	Diamond Drilling

52K14NE0003	1988	Noranda Exploration Co	Gerry Lake Area	Airborne Electromagnetic, Airborne Magnetometer
52N02SE2007	1998 - 1999	Mines Et Expl Noranda Inc	Earney	Assaying and Analyses, Diamond Drilling, Electromagnetic, Magnetic / Magnetometer Survey, Open Cutting
52N02SE2006	1998	Confederation Mining Corp	Dent	Electromagnetic
20000018003	2017	Pistol Bay Mining Inc	Bowerman	Airborne Electromagnetic, Airborne Gradiometer, Airborne Magnetometer
20000017917	2017	Pistol Bay Mining Inc	Belanger	Airborne Electromagnetic, Airborne Magnetometer
20000018400	2019	Argo Gold Inc	Earney	Geobotanical and Biogeochemical Survey

**Table 2.** Summary of previous work on Trillium Gold’s claims in the Confederation belt. Previous assessment reports were selected where they intersected Trillium Gold’s mining cell on which work was performed.

### PROSPECTING AND SAMPLING PROGRAM

During the months of June to September 2021 geologists from Trillium Gold Mines Inc., with exploration operations based in Red Lake, Ontario, conducted a greenfields prospecting and sampling program on some of Trillium Gold Mine Inc.’s properties: Block 2, Fly-Moth and Block 3 (see Table 3a, Fig. 1).

Geologists travelled from Red Lake to the field locations each day to complete field excursions (see Table 3b).

NAME	ROLE	DATES	TOTAL DAYS <sup>1</sup>
Abbie Wright	Senior Geologist	Sept 2021	4
Samuel Lewis	Project Geologist	June – Sept 2021	13
Norm Aime	Exploration Geologist	Aug 2021	1
Iyowuna Amakiri	Student Geologist	Aug 2021	4
David Antoniadis	Student Geologist	Aug 2021	4
<b>Total</b>		<b>May – Sept 2021</b>	<b>26</b>

**Table 3a.** Trillium Gold Mines geologists and dates for the prospecting and sampling program, summer field season of 2021. <sup>1</sup>Numbers represent field days only, excluding a total of 6 office days in the period used for selecting prospecting target areas, compiling data, and/or prepping sample shipments.

Observation stations (with or without sampling) and sampling locations were located in the field by the teams using GPS receivers. Samples chosen for gold analysis were shipped to Actlabs. Because of the preliminary scale of the program, a regular QA/QC protocol was omitted. The majority of samples (n = 38) were selected from bedrock, and the remaining samples (n = 4) were taken from subcrop. A minimum approximate weight for each sample was 500 g, but frequently higher. A total of 42 rock samples were taken for gold assays from 142 stations (see Appendix II for results).

Samples were taken using a sledgehammer and chisel as needed. The sampled material was then placed in a poly sampling bag with the sample tag, and clearly labelled with a marker with the corresponding sample number. A photograph of the sample in the bag with tags clearly displayed, and the GPS

coordinates were taken at each sample site. Sample characteristics, description, location information, notes, and site observations were recorded in a data collection sheet and can be found in Appendix III – Sample Locations & Descriptions.

Samples were shipped to Actlabs in Ancaster, Ontario for preparation and analysis. Sample submittal forms indicated a desire for gold assay analysis using analysis code 1A2.

PERSON	DESCRIPTION OF WORK PERFORMED	DATE				
Abbie Wright	Prospecting George prospect, mapping by boat on Confederation Lake and continued inland from old trenches	14-Sep	15-Sep			
	Prospecting via boat south side of Fly Lake	16-Sep				
	Prospecting near Triangle and Ramses Lakes	27-Sep	28-Sep <sup>1</sup>			
Samuel Lewis	Prospecting around Fly Lake Ontario Mineral Inventory showings	25-Jun	26-Jun			
	Prospecting old trench locations with anomalous Cu, Zn, Au values west of Triangle Lake	9-Jul	11-Jul			
	Prospecting and mapping around eastern side of Fly Lake and near BobJo	22-Jul <sup>1</sup>	27-Jul	28-Jul	30-Jul <sup>1</sup>	
	Prospecting north of Fly Lake, around Hornet and Sandfly Lakes while Iyowuna and Norm traversed NE on the eastern side of South Bay Mine Road.	5-Aug	10-Aug	13-Aug	14-Aug <sup>1</sup>	15-Aug <sup>1</sup>
	Prospecting George Prospect, mapping by boat on Confederation Lake and continued inland from old trenches	14-Sep	15-Sep			
	Prospecting via boat south side of Fly Lake	16-Sep				
	Prospecting near Triangle and Ramses Lakes	27-Sep	28-Sep <sup>1</sup>			
Norm Aime	Prospecting north of Fly Lake, around Hornet and Sandfly Lakes while Iyowuna and Norm traversed NE on the eastern side of South Bay Mine Road	5-Aug				
David Antoniadis	Prospecting around Fly Lake Ontario Mineral Deposit Inventory (MDI) showings	25-Jun				
	Prospecting around eastern side of Fly Lake and near BobJo	27-Jul	28-Jul			
	Prospecting north of Fly Lake, around Hornet and Sandfly Lakes while Iyowuna and Norm traversed NE on the eastern side of South Bay Mine Road.	5-Aug				
Iyowuna Amakiri	Prospecting around eastern side of Fly Lake and near BobJo	27-Jul	28-Jul			
	Prospecting old trench locations with anomalous Cu, Zn, Au values west of Triangle Lake	9-Jul				
	Prospecting north of Fly Lake, around Hornet and Sandfly Lakes while Iyowuna and Norm traversed NE on the eastern side of South Bay Mine Road	5-Aug				

**Table 4b.** Daily logs of work performed and dates for the prospecting and sampling program, summer field season of 2021.  
<sup>1</sup>Supervision/office day spent selecting prospecting target areas, compiling data, and/or prepping sample shipments.

## RESULTS

Four areas on 3 Trillium Gold Mines properties were targeted for prospecting work in 2021: Block 2 near the George showing; Fly-Moth property near Ramses Lake and the Triangle Lake Northwest showing; Fly-Moth property near the Fly Lake showing; and Block 3 at the far south end of Fly Lake near the Fly Lake Project showing. Prospecting at these stops shows that rocks are predominantly mafic to felsic volcanics with lesser ultramafic-mafic to felsic intrusives, as identified and named by mineralogical and textural characteristics noted in the field (see Appendix III).

At the George prospect on Block 2 on the north side of Confederation Lake the rocks observed were mafic volcanics with locally well-preserved primary textures such as amygdales and pillow margins.

Just off the South Bay Mine Road by the Block 2 – Fly-Moth property boundary near Ramses and Triangle Lakes, a cluster of granodioritic probable intrusives are noted, as well as a cluster of gabbroic intrusives to the south of the road near Ramses Lake.

Further to the east near the Fly Lake showing, mafic to felsic volcanoclastics and extrusives seem to dominate the lithologies with an apparent transition to more mafic towards the east along the Uchi Mine Road, and a transition to more felsic to the south near the stop of Fly Lake. Coarse volcanoclastic textures (e.g., lapilli, lapilli tuff breccia) are locally observed. Alteration is locally intense and makes primary lithologies difficult to distinguish. Field names were assigned to rocks.

At the south end of Fly Lake on Block 3 rock types were generally quite difficult to determine due to the intensely foliated and altered nature of the rocks observed. Pale beige fine-grained intensely foliated rocks with mm-scale quartz grains and disseminated pyrite were given the field name of (felsic) crystal tuff. Rare amygdaloidal basalt was observed on the eastern shore of Fly Lake.

Structural measurements were taken where possible and examination of these shows and overall northeast-trending foliation, which is in general agreement with regionally mapped structures (e.g., Ontario Geological Survey maps, Geological Survey of Canada maps). Vein orientations are often parallel to this regional trend, but several measurements taken show high angle, probable conjugate orientations.

Sampling at various stations was determined by a variety of factors such as sulphide content, nearby contact relationships, and presence of veins or structures. Of the samples sent for assays 14 returned gold values above detection limit of 0.005 ppm; the remaining 28 samples were below detection limit. Seven samples returned anomalous gold values greater than 0.01 ppm, and the highest gold value in the sample suite was 1.23 ppm, hosted in a pyritiferous rhyolitic flow or volcanic. The results of sampling correspond with mafic to felsic volcanic rocks, with one instance of a possible mafic intrusive (gabbro). This highlights the possibility of lithologically controlled or hosted gold. Based on current results, more work is needed to determine if there is a possibility of a structural association with elevated gold.

Because of the greenfields nature of exploration in the Confederation belt, and the geographic extent of the properties and sample locations, drawing meaningful interpretations and conclusions is difficult at this time. Prospecting in 2021 was intended to serve as a first pass at exploration to aid in directing Trillium Gold's priority focus in subsequent years.

## **RECOMMENDATIONS**

More work is needed to determine or identify possible anomalous gold zones, and then correlate with potential controlling factors such as lithology, alteration, regional structures.

Recommendations include carrying out further prospecting near known sulphide mineralization and MDI occurrences, prospective lithologies and structures, and systematic assaying for gold to continue to build an improved understanding of gold distribution in the belt, as well as following up on anomalous gold results (2021) with detailed mapping and lithological interpretation. This will aid in building a mineralization model and help focus exploration work in further years.

Further work at this time could also include comprehensive study and compilation of historical structural, lithological, and geochemical data on the properties to lay groundwork for defining advanced exploration targets.



## STATEMENT OF QUALIFICATIONS

### Certificate of Qualifications

- a) I am currently the Vice President of Exploration of Trillium Gold Mines Inc. and employed with the company since September 2020.
- b) I am a graduate of Geological Sciences from Queen's University in Kingston, Ontario (H. BSc. 1989, MSc. 2001).
- c) I have worked as a geologist worldwide since graduating in 1989 and in the Red Lake District since 2001.
- d) I am a practicing member of the Professional Geoscientists of Ontario (Membership #2162 – 2012)
- e) I was involved in the planning and supervision of the work outlined in this report and have reviewed the contents of this report.
- f) I am not aware of any material fact or change with respect to the subject matter of this report, titled "*Confederation Belt Properties, Geological Prospecting & Sampling Program*" the omission of which may make this report misleading.
- g) I currently reside at 20 Lassie Rd, Balmertown, Ontario.

Dated: February 28, 2022

Signed:

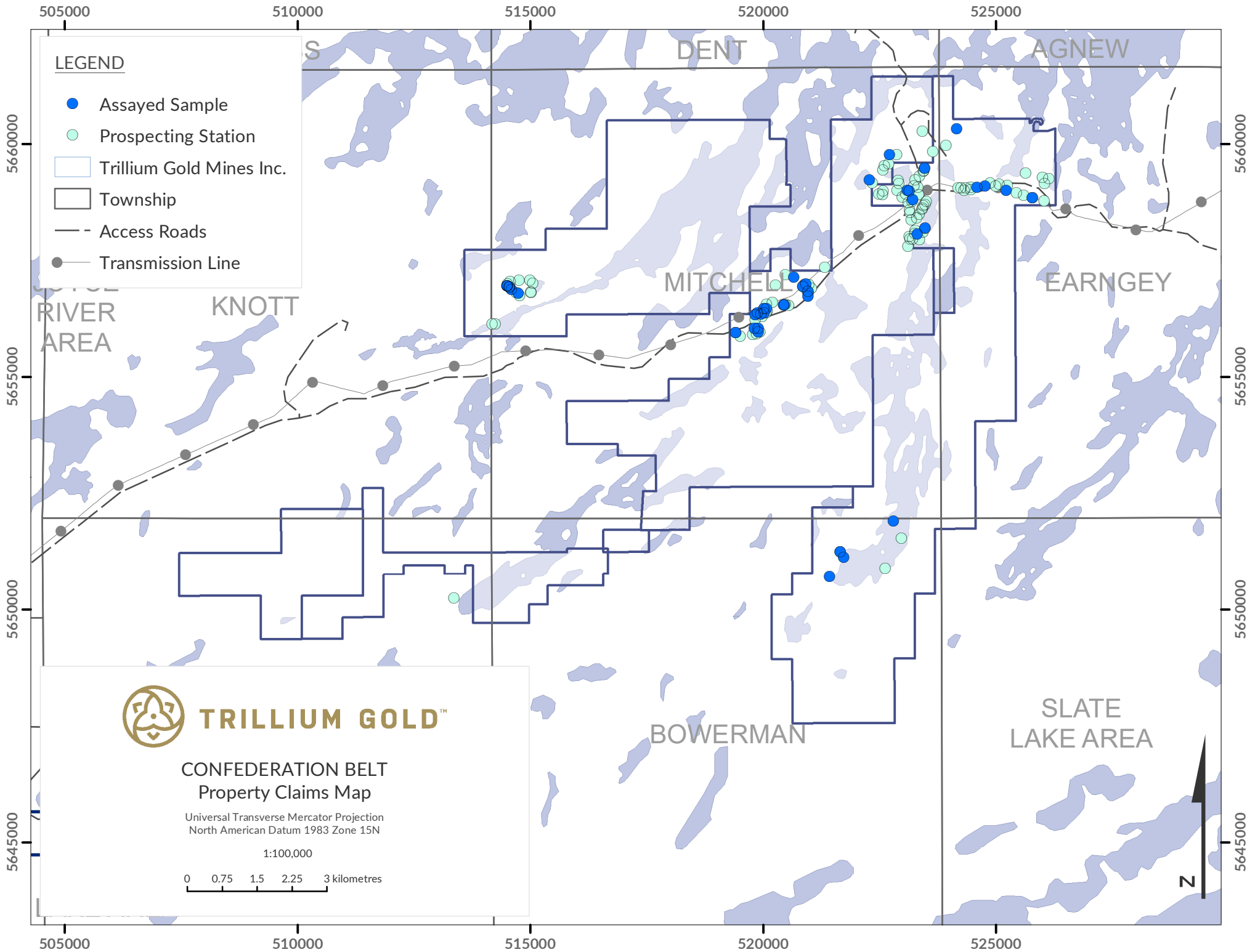
A handwritten signature in black ink, appearing to read 'W. Paterson', with a stylized flourish at the end.

William Paterson

**APPENDIX IA – MAP OF CLAIMS AND PROPERTIES**

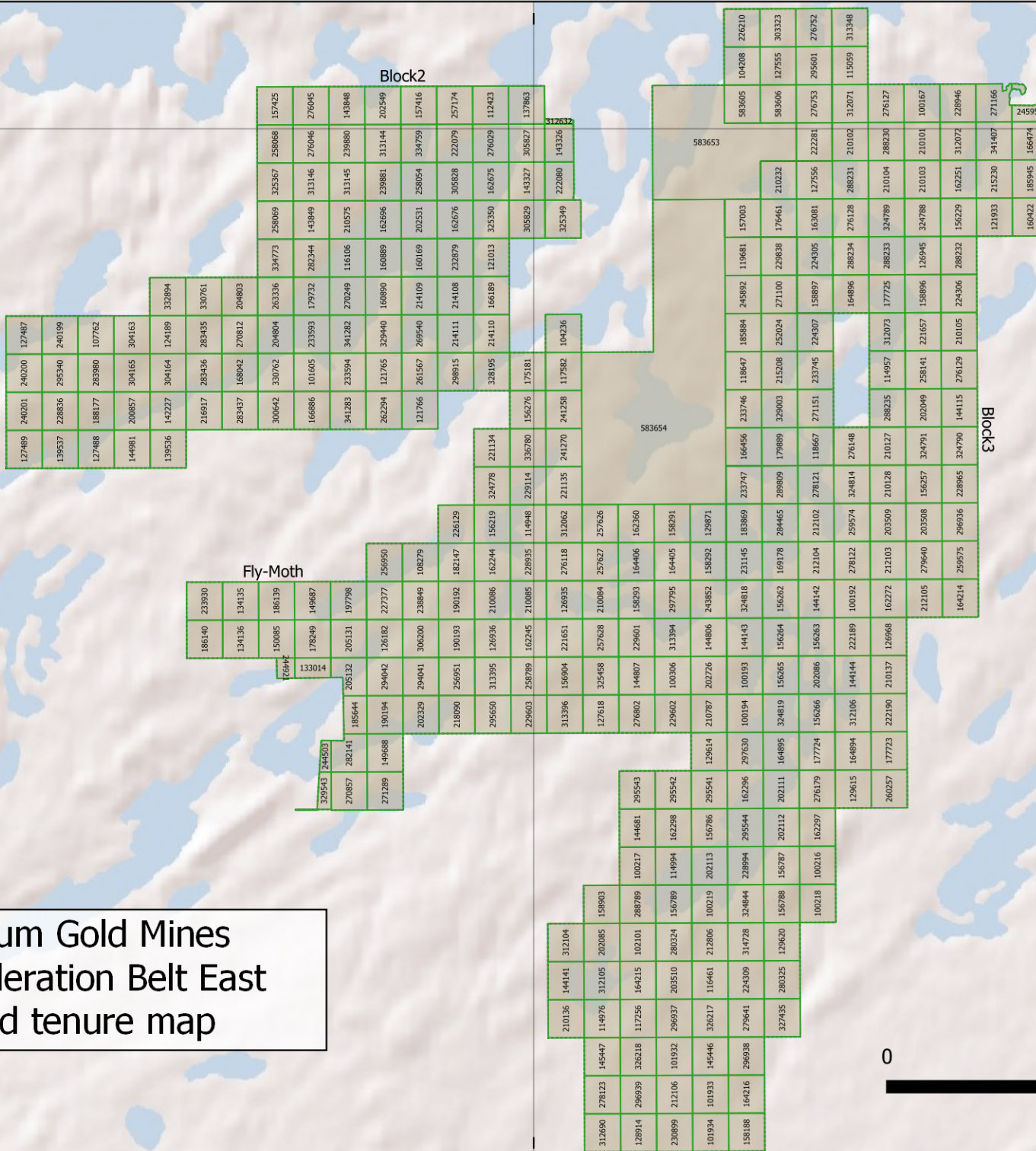
**APPENDIX IB – MAPS OF GEOLOGICAL PROSPECTING STATIONS AND SAMPLING LOCATIONS**

Appendix Ia - Map of Claims and Properties

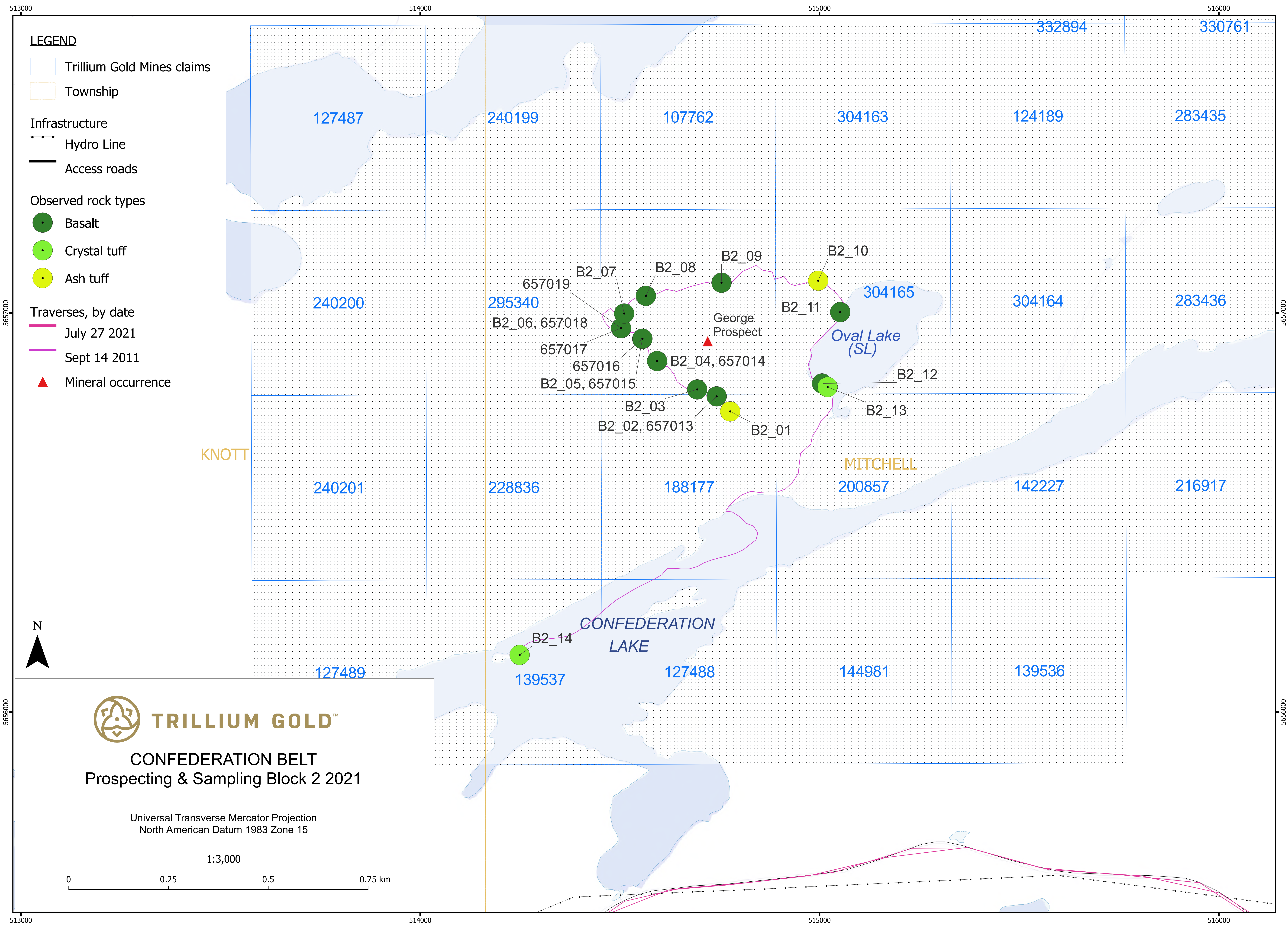




Trillium Gold Mines  
Confederation Belt East  
Land tenure map

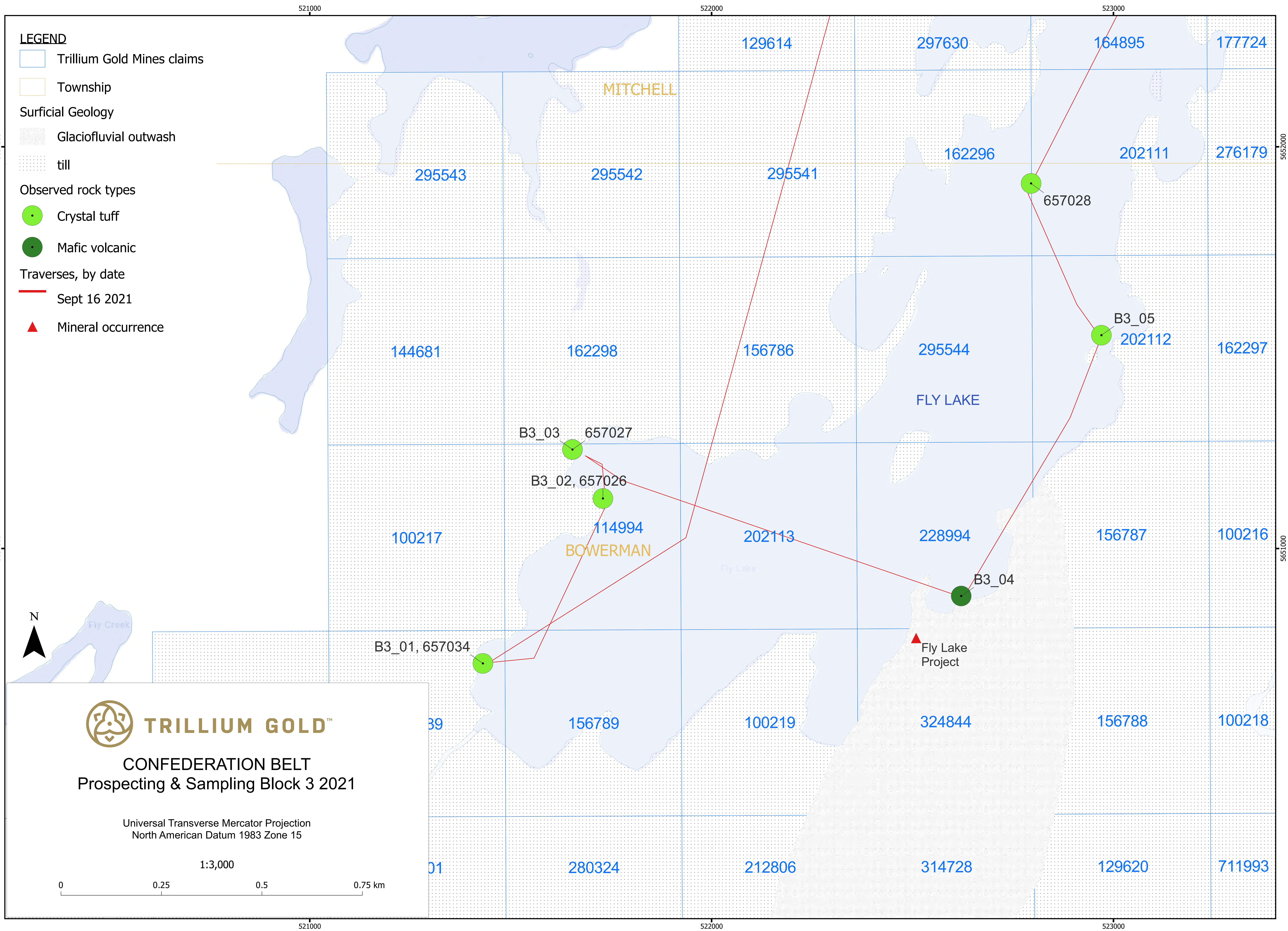






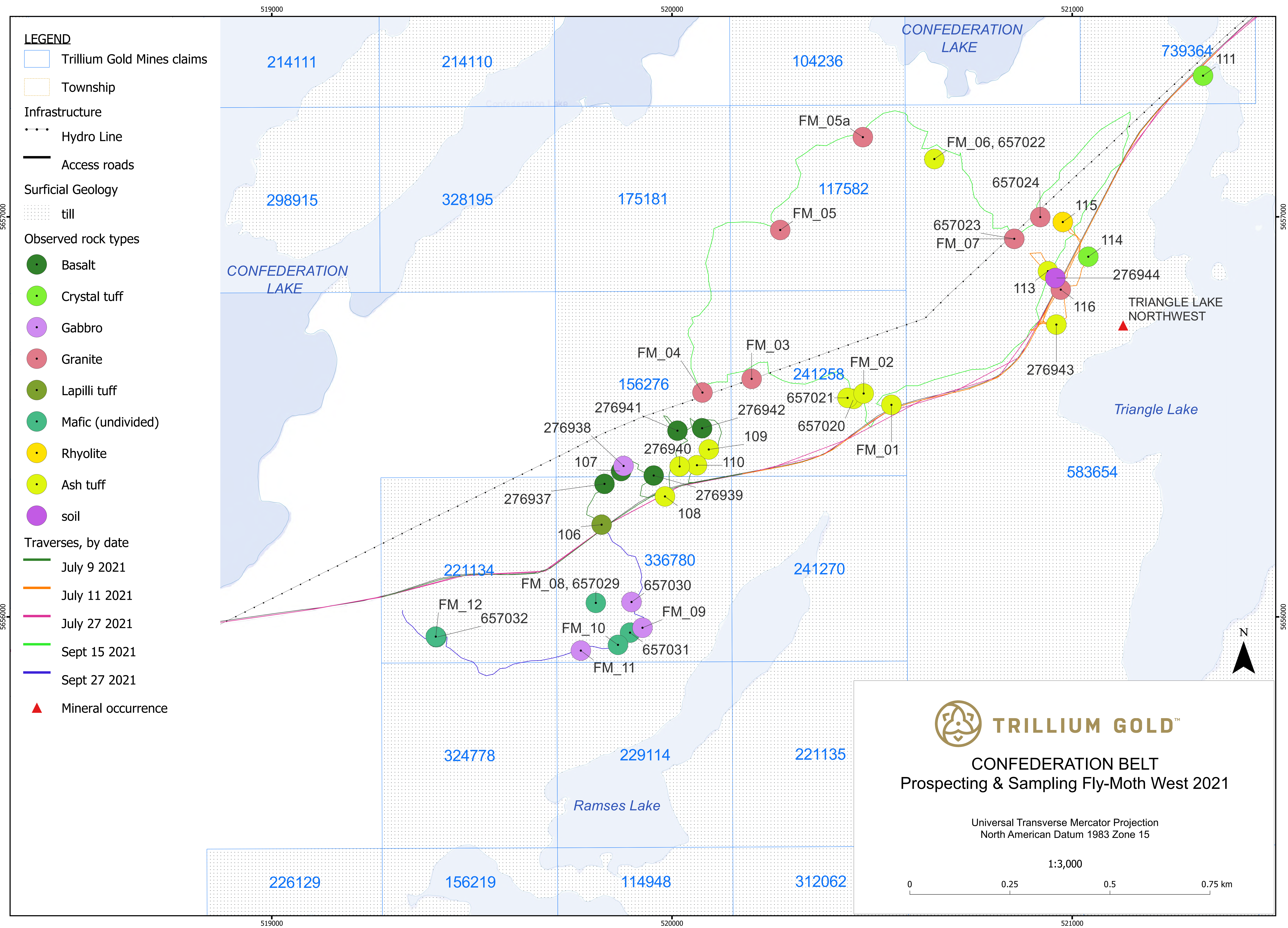
Appendix 1b - Map of Geological Prospecting Stations and Sampling Locations. See Appendix III for sample descriptions.





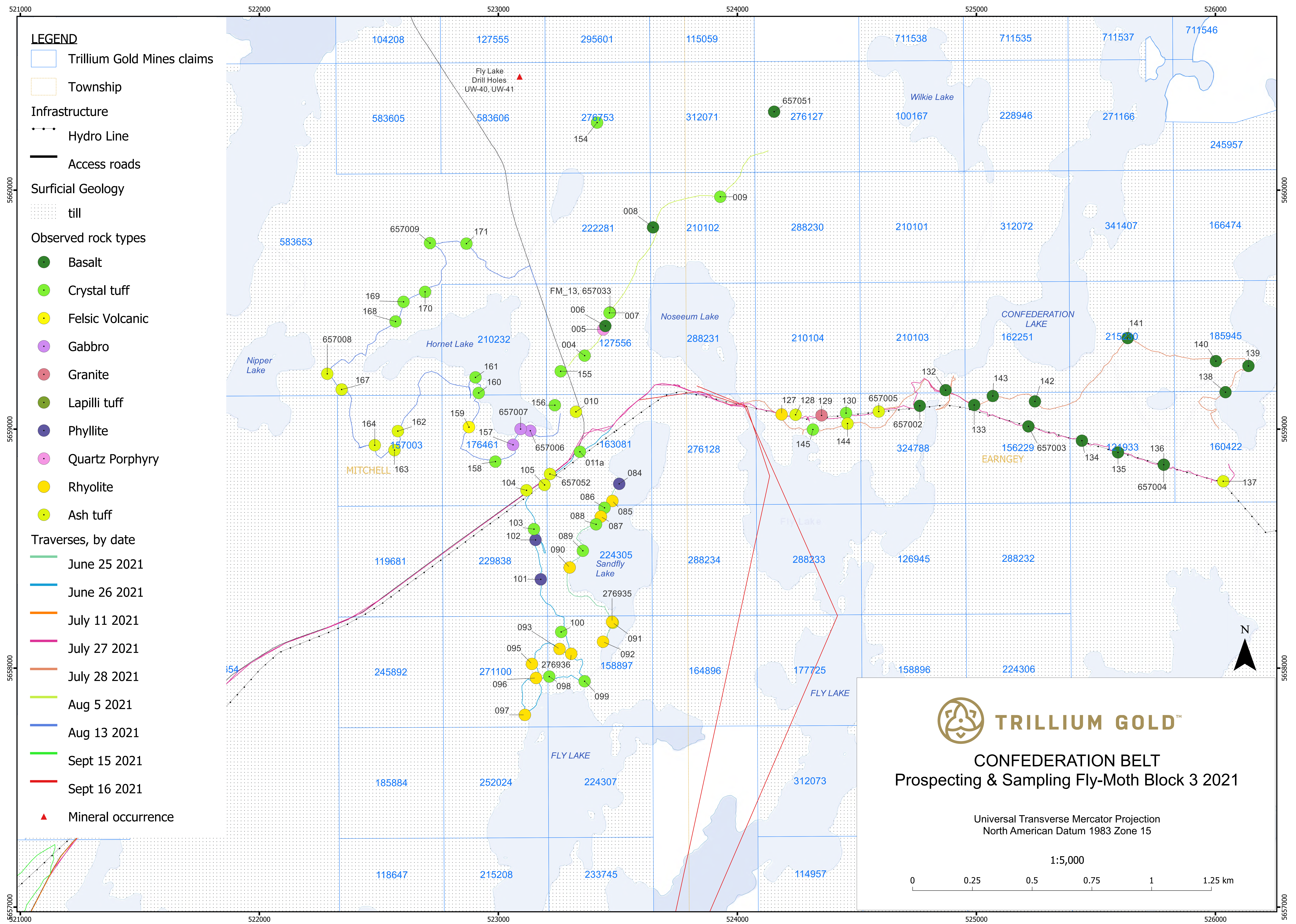
Appendix 1b - Map of Geological Prospecting Stations and Sampling Locations. See Appendix III for sample descriptions.





Appendix 1b - Map of Geological Prospecting Stations and Sampling Locations. See Appendix III for sample descriptions.





Appendix 1b - Map of Geological Prospecting Stations and Sampling Locations. See Appendix III for sample descriptions.



**APPENDIX II – ANALYSIS RESULTS & CERTIFICATES**



Report No.: A21-14607  
 Report Date: 16-Sep-21  
 Date Submitted: 03-Aug-21  
 Your Reference: JOY PROPERTY

Trillium Gold Mines Inc.  
 1055 West Hastings Street, Suite 2250  
 Vancouver BC V6E 2E9  
 Canada

ATTN: William Paterson

## CERTIFICATE OF ANALYSIS

17 Core samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden - 10g/t	QOP AA-Au (Au - Fire Assay AA)	2021-09-15 13:56:45
Weight Report in Kg-Dryden	Received and Pulp Weights-Dryden	2021-09-10 16:33:16

REPORT      **A21-14607**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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



**ACTIVATION LABORATORIES LTD.**  
 264 Government Road, Dryden, Ontario, Canada, P8N 2R3  
 TELEPHONE +807 223-6168 or +1.888.228.5227 FAX +1.905.648.9613  
 E-MAIL Dryden@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

Emmanuel Esemé , Ph.D.  
 Quality Control Coordinator

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
276935	2.55	0.012	
276936	3.11	1.23	
276937	2.57	0.016	
276938	2.58	< 0.005	
276939	3.07	< 0.005	
276940	4.00	< 0.005	
276941	3.47	< 0.005	
276942	2.96	0.007	
276943	2.83	< 0.005	
276944	1.64	< 0.005	

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
Oreas E1336 (Fire Assay) Meas		0.492	
Oreas E1336 (Fire Assay) Meas		0.494	
Oreas E1336 (Fire Assay) Meas		0.496	
OREAS 216b Meas		6.59	
OREAS 216b Meas		6.57	
OREAS 216b Meas		6.55	
276943 Split PREP DUP		< 0.005	
276943 Split PREP DUP		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	



Report No.: A21-18870  
 Report Date: 02-Dec-21  
 Date Submitted: 07-Oct-21  
 Your Reference: Confederation (Fly 80%, Joy 20%)

Trillium Gold Mines Inc.  
 1055 West Hastings Street, Suite 2250  
 Vancouver BC V6E 2E9  
 Canada

ATTN: Denise Saunders

### CERTIFICATE OF ANALYSIS

42 Rock samples were submitted for analysis.

The following analytical package(s) were requested:		Testing Date:
1A2-50-Dryden Treasury	QOP AA-Au (Au Fire Assay AA)	
Weight Report in Kg-Dryden	Received and Pulp Weights-Dryden	2021-11-19 15:47:22

REPORT A21-18870

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

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



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

CERTIFIED BY:

Emmanuel Esemé, Ph.D.  
 Quality Control Coordinator

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
657002	3.58	< 0.005	
657003	3.36	< 0.005	
657004	1.21	< 0.005	
657005	2.78	< 0.005	
657006	3.74	< 0.005	
657007	3.31	0.277	
657008	2.70	< 0.005	
657009	5.63	0.011	
657013	2.43	< 0.005	
657014	2.44	< 0.005	
657015	2.13	< 0.005	
657016	3.49	0.007	
657017	3.54	< 0.005	
657018	2.50	< 0.005	
657019	4.17	< 0.005	
657020	1.91	< 0.005	
657021	2.87	0.006	
657022	3.19	< 0.005	
657023	2.64	< 0.005	
657024	3.55	0.008	
657025	0.146	1.43	
657026	2.54	0.008	
657027	1.44	0.009	
657028	4.01	< 0.005	
657029	1.72	0.006	
657030	2.14	< 0.005	
657031	1.37	0.011	
657032	2.58	< 0.005	
657033	3.83	< 0.005	
657034	3.96	0.133	
657051	2.51	< 0.005	
657052	2.04	< 0.005	

Analyte Symbol	Received Weight	Au	Au
Unit Symbol	Kg	g/mt	
Detection Limit		0.005	
Analysis Method	none	FA-AA	FA-GRA
Oreas E1336 (Fire Assay) Meas		0.506	
Oreas E1336 (Fire Assay) Meas		0.526	
Oreas E1336 (Fire Assay) Meas		0.496	
Oreas E1336 (Fire Assay) Meas		0.517	
Oreas E1336 (Fire Assay) Meas		0.522	
Oreas E1336 (Fire Assay) Meas		0.529	
Oreas E1336 (Fire Assay) Meas		0.524	
Oreas E1336 (Fire Assay) Meas		0.524	
Oreas E1336 (Fire Assay) Meas		0.515	
Oreas E1336 (Fire Assay) Meas		0.507	
Oreas E1336 (Fire Assay) Meas		0.510	
Oreas E1336 (Fire Assay) Meas		0.495	
OREAS 216b Meas		6.50	
OREAS 216b Meas		6.51	
OREAS 216b Meas		6.74	
OREAS 216b Meas		6.46	
OREAS 216b Meas		6.95	
OREAS 216b Meas		6.53	
OREAS 216b Meas		6.80	
OREAS 216b Meas		6.50	
OREAS 216b Meas		6.41	
OREAS 216b Meas		6.44	
OREAS 216b Meas		6.40	
657005 Dup		< 0.005	
657019 Split PREP DUP		< 0.005	
657019 Split PREP DUP		< 0.005	
657027 Dup		0.010	
657055 Dup		< 0.005	
Method Blank		< 0.005	
Method Blank		< 0.005	





## APPENDIX III – SAMPLE LOCATIONS & DESCRIPTIONS

Appendix III - Sample Locations and Descriptions

PROPERTY	PROSPECT	SAMPLE SOURCE	STATION ID	SAMPLE	SAMPLE TYPE	SAMPLED BY	SAMPLE DATE	EASTING	NORTHING	UTM GRID	LITHOLOGY	FIELD LITHOLOGY	STRUCT 1	STRIKE 1	DIP 1	STRUCT 2	STRIKE 2	DIP 2	COMMENTS
Block 2	George	Subcrop	B2_01		Rock	AW/SL	Sept 14 2021	514776.164	5656753.21	NAD83_Z15	1b_mafic explosive volcanics, fine	TUFF							Light green-grey massive homogeneous fine- to medium-grained mafic volcanic (volcaniclastic?), cross-cut by cm- to mm-scale Qtz-carb veinlets.
Block 2	George	Outcrop	B2_02	657013	Rock	AW/SL	Sept 14 2021	514742.323	5656790.95	NAD83_Z15	1a_basalt, mafic flow	BAS	veining	202	85				Light green-grey massive homogeneous fine- to medium-grained mafic volcanic (volcaniclastic?), cross-cut by 5-6 cm white Qtz vein (203/85). Sample 657013 in host lithology.
Block 2	George	Outcrop	B2_03		Rock	AW/SL	Sept 14 2021	514693.559	5656808.3	NAD83_Z15	1a_basalt, mafic flow	BAS	foliation	245	90				Mafic volcanic in contact with probably felsic intrusive: beige cryptocrystalline silica-rich matrix with 0.5 x 2mm black crystals (non-magnetic) preferentially oriented defining foliation: 245/15.
Block 2	George	Outcrop	B2_04	657014	Rock	AW/SL	Sept 14 2021	514593.193	5656879.47	NAD83_Z15	1a_basalt, mafic flow	BAS							Black-dark grey fine-grained homogeneous probable mafic volcanic hosting <1% very fine-grained (<1mm) disseminated py-cpy, patchy Qtz-carb alteration.
Block 2	George	Outcrop	B2_05	657015	Rock	AW/SL	Sept 14 2021	514556.18	5656934.98	NAD83_Z15	1a_basalt, mafic flow	BAS							Pale green-grey patchy intense chl+bio altered fine-grained massive mafic volcanic (volcaniclastic), faintly banded with zones of more intense chl+bio alteration; sulphide py±cpy±sph blebs up to 5% locally, overall 0.5%. HCl reactive matrix and associated with sulphides. Highly magnetic.
Block 2	George	Outcrop	B2_05	657016	Rock	AW/SL	Sept 14 2021	514556.477	5656935.51	NAD83_Z15	1a_basalt, mafic flow	BAS							Pale green-grey intense chl+bio altered fine-grained massive mafic volcanic (volcaniclastic), faintly banded with zones of more intense chl+bio alteration; sulphide py±cpy±sph blebs up to 15% locally, overall 0.5%. HCl reactive matrix and associated with sulphides. Highly magnetic. Mt-rich sample with oxidized sulphides (malachite and Fe-ox on weathered surface).
Block 2	George	Outcrop	B2_06	657017	Rock	AW/SL	Sept 14 2021	514502.889	5656961.89	NAD83_Z15	1a_basalt, mafic flow	BAS	foliation	260	90				"VMS Hill": highly altered mafic volcanic, flow banded or primary volcanic textures preserved by differential dissolution/weathering of rock. Primary (?) volcanic foliation ~260/90. Often alteration obscured: patchy intense Kfs, chl, silica, calc, Mn-ox, with minor gyp/anhy, mt, ep alteration; Fe-ox of dissolved sulphides (py?).
Block 2	George	Outcrop	B2_06	657018	Rock	AW/SL	Sept 14 2021	514502.889	5656961.89	NAD83_Z15	1a_basalt, mafic flow	BAS	foliation	260	90				"VMS Hill": highly altered mafic volcanic, flow banded or primary volcanic textures preserved by differential dissolution/weathering of rock. Primary (?) volcanic foliation ~260/90. Often alteration obscured: patchy intense Kfs, chl, silica, calc, Mn-ox, with minor gyp/anhy, mt, ep alteration; Fe-ox of dissolved sulphides (py?).
Block 2	George	Outcrop	B2_06	657019	Rock	AW/SL	Sept 14 2021	514502.889	5656961.89	NAD83_Z15	1a_basalt, mafic flow	BAS	foliation	260	90				"VMS Hill": highly altered mafic volcanic, flow banded or primary volcanic textures preserved by differential dissolution/weathering of rock. Primary (?) volcanic foliation ~260/90. Often alteration obscured: patchy intense Kfs, chl, silica, calc, Mn-ox, with minor gyp/anhy, mt, ep alteration; Fe-ox of dissolved sulphides (py?).
Block 2	George	Outcrop	B2_07		Rock	AW/SL	Sept 14 2021	514510.735	5656998.54	NAD83_Z15	1a_basalt, mafic flow	BAS	veining	342	85				Pale green-grey altered (patchy alt gives pseudobreccia texture) probable mafic flow or mafic to intermediate volcaniclastic with 4cm vuggy grey anastomosing Qtz vein with weak Kfs halo. Patchy alteration --> dissolution of crystals away from microfractures filled with network of mm-scale Qtz+chl veinlets. Possible contact zone.
Block 2	George	Outcrop	B2_08		Rock	AW/SL	Sept 14 2021	514565.089	5657042.74	NAD83_Z15	1a_basalt, mafic flow	BAS	contact	208	80				Fractured mafic flow or mafic to intermediate volcaniclastic (as at station B2_7); cross-cut by cm-scale felsic Kfs porphyry dyke - contact is 208/80.
Block 2	George	Outcrop	B2_09		Rock	AW/SL	Sept 14 2021	514754.51	5657075.72	NAD83_Z15	1a_basalt, mafic flow	BAS							Light grey weakly chl altered aphanitic homogeneous mafic volcanic.
Block 2	George	Outcrop	B2_10		Rock	AW/SL	Sept 14 2021	514996.559	5657080.82	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Pale green-grey ~1% 1-2mm fs-phyric felsic to intermediate volcanic with 1-2% euhedral oxide or py (alt) oxidized to Fe-ox on weathering surfaces.
Block 2	George	Outcrop	B2_11		Rock	AW/SL	Sept 14 2021	515051.774	5657002.08	NAD83_Z15	1a_basalt, mafic flow	BAS							Dark green cm-scale amygdaloidal pillow basalt with zones of feldspar crystals, and patchy calc alteration.
Block 2	George	Outcrop	B2_12		Rock	AW/SL	Sept 14 2021	515006.258	5656823.28	NAD83_Z15	1a_basalt, mafic flow	BAS	foliation	225	90				Beige-green ~5% 1mm fs-phyric and blue-grey quartz-bearing chlorite altered mafic flow with py-rich banded interflow (or interpillow) sediments.
Block 2	George	Outcrop	B2_13		Rock	AW/SL	Sept 14 2021	515020.228	5656814.36	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	285	78				Dark grey to beige (where altered) very fine-grained locally blue-grey quartz-phyric (2mm rounded ~2% locally). Where beige and more highly altered rock has mm-scale planar/foliated texture, with elongate voids - highly sheared rock and amyg/vesicles? Looks phyllitic locally.

Appendix III - Sample Locations and Descriptions

PROPERTY	PROSPECT	SAMPLE SOURCE	STATION ID	SAMPLE	SAMPLE TYPE	SAMPLED BY	SAMPLE DATE	EASTING	NORTHING	UTM GRID	LITHOLOGY	FIELD LITHOLOGY	STRUCT 1	STRIKE 1	DIP 1	STRUCT 2	STRIKE 2	DIP 2	COMMENTS
Block 2	George	Outcrop	B2_14		Rock	AW/SL	Sept 14 2021	514248.909	5656143.17	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation						Island outcrop: Dark grey highly foliated shear tuff crystal tuff, more abundant quartz veining (white, cm-scale) for the area.
Block 2	George	Outcrop	B2_14		Rock	AW/SL	Sept 14 2021	514179.452	5656131.27	NAD83_Z15	na								No observations. Island outcrop waypoint.
Block 3	na	Outcrop	4			SL/NA/IA/DA	Aug 05 2021	523360.953	5659307.61	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	contact	68	78				Intermediate to felsic volcanic rock with visible contacts and quartz eyes on one side of contact and feldspar on the other, rock contains 2-5% blue quartz phenocryst
Block 3	na	Outcrop	5			SL/NA/IA/DA	Aug 05 2021	523438.762	5659417.39	NAD83_Z15	7d_quartz porphyry	QP	veining						light grey to white coarse grained, felsic intrusive quartz porphyry, with quartz phenocryst 2-4 mm in size
Block 3	na	Outcrop	6			SL/NA/IA/DA	Aug 05 2021	523447.523	5659431.66	NAD83_Z15	1a_basalt, mafic flow	BAS	shear	242	80				High chlorite altered mafic-ultramafic rock with porphyroblasts and clasts of felsic rock.
Block 3	na	Outcrop	7			SL/NA/IA/DA	Aug 05 2021	523464.853	5659486.57	NAD83_Z15	2b_int explosive volcanics, fine	CTFF	shear						light grey to greyish green rock, beige colour weather surface, rhyolite flow-tuff, contacting the mafic sheared unit
Block 3	na	Outcrop	8			SL/NA/IA/DA	Aug 05 2021	523647.139	5659844.26	NAD83_Z15	1a_basalt, mafic flow	BAS	Shear						light grey to dark green grey mafic volcanic rock with fine to medium grained sheared outcrop, xenoliths of felsic volcanics present.
Block 3	na	Outcrop	9			SL/NA/IA/DA	Aug 05 2021	523928.508	5659972.34	NAD83_Z15	2b_int explosive volcanics, fine	CTFF							Crystal Tuff with boudin veins and contact between a more felsic rich section and intermediate rich section of volcanic rocks, highly fracture section of rock suggest potential fault-shear zone
Block 3	na	Outcrop	10			SL/NA/IA/DA	Aug 05 2021	523324.613	5659072.69	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Felsic tuff with quartz eyes, Irregular partially altered quartz veins
Block 3	na	Outcrop	84			SL	June 25 2021	523505.614	5658771.12	NAD83_Z15	Phyllite	PHYL	foliation	287	78				Phyllitic and schistostic, possible highly sheared rhyolite. Azi 287/78
Block 3	na	Outcrop	85			SL	June 25 2021	523477.001	5658699.56	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation						Light grey, deformed and foliated felsic volcanic tuff, partially phyllitic.
Block 3	na	Outcrop	86			SL	June 25 2021	523444.065	5658670.81	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light grey, coarse quartz phyric felsic volcanic crystall tuff, possibly QFP
Block 3	na	Outcrop	87			SL	June 25 2021	523428.968	5658634.01	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation						Outcrop along shore, orange weather colour, quartz phyric rhyolite or potential sandstone
Block 3	na	Outcrop	88			SL	June 25 2021	523408.747	5658601.66	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	jointing	75	80				Outcrop along shore, quartz phyric rhyolite or potential sandstone
Block 3	na	Outcrop	89			SL	June 25 2021	523353.414	5658491.17	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation						Light grey, quartz phyric felsic volcanic crystall tuff
Block 3	na	Outcrop	90			SL	June 25 2021	523298.406	5658421.11	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation	100	85				Light grey, quartz phyric, volcanoclastic predominantly, phyllite schist
Block 3	na	Outcrop	91			SL	June 25 2021	523478.842	5658190.14	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation						Light grey green, felsic volcanic tuff, with oxidized quartz veining present
Block 3	Fly lake	Outcrop	92			SL	June 25 2021	523437.813	5658110.45	NAD83_Z15	3a_rhyolite, felsic flow	RHYL							Light grey green felsic volcanic, crystal tuff, with quartz eyes and feldspars that are 1-2 mm
Block 3	Fly lake	Outcrop	93			SL	June 26 2021	523256.151	5658080.22	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation	60	88				Dark grey green moderately to highly foliated felsic volcanic tuff, lapilli tuff.
Block 3	na	Outcrop	98			SL	June 26 2021	523213.004	5657964.58	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light to dark grey felsic (possibly intermediate) volcanic tuff
Block 3	na	Outcrop	99			SL	June 26 2021	523360.88	5657945.05	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light grey, quartz phyric rich, felsic volcanic crystall tuff, possible QFP
Block 3	na	Outcrop	100			SL	June 26 2021	523262.841	5658151.42	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light grey, quartz feldspar phyric rich, felsic volcanic crystall tuff, possible QFP
Block 3	na	Outcrop	104			SL	June 26 2021	523117.583	5658744.14	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	shear						Light grey to creamy white, with abundant 1-3 mm quartz veining parallel to foliation, felsic volcanic rhyolite
Block 3	na	Outcrop	105			SL	June 26 2021	523193.219	5658766.63	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	jointing	320	90				Polished outcrop near powerline, small joint/fracture at Azi 320/90. Brown oxidized staining occurring adjacent to fracture.

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PROPERTY	PROSPECT	SAMPLE SOURCE	STATION ID	SAMPLE	SAMPLE TYPE	SAMPLED BY	SAMPLE DATE	EASTING	NORTHING	UTM GRID	LITHOLOGY	FIELD LITHOLOGY	STRUCT 1	STRIKE 1	DIP 1	STRUCT 2	STRIKE 2	DIP 2	COMMENTS
Block 3	na	Outcrop	127			SL	July 27 2021	524185.114	5659061.5	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	shear	308	69				Light grey color, well foliated rhyolite tuff, with sections of gossanous patches along certain foliation trends, strong brittle injected quartz vein present, pyrite diss 1 to 2 percent but increasing in gossanous patches
Block 3	na	Outcrop	128			SL	July 27 2021	524243.576	5659060.19	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation	328	69				Moderately shear, tuff, same as before
Block 3	na	Outcrop	129			SL	July 27 2021	524352.198	5659057.63	NAD83_Z15	9c_granodiorite (porphyritic)	GR							Light grey, felsic intrusive, leucogranite, quartz rich with diss tr frac fill pyrite.
Block 3	na	Outcrop	130			SL	July 27 2021	524454.711	5659067.23	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light grey to green, crystal tuff and tuff with quartz eyes, massive and weakly foliated compared to before, near contact with granodiorite
Block 3	na	Outcrop	132			SL	July 27 2021	524871.198	5659163.08	NAD83_Z15	1a_basalt, mafic flow	BAS							Mafic volcanic flow with chlorite relic rims, dark green color, massive and chlorite altered. Just west of fly creek.
Block 3	na	Outcrop	133			SL	July 27 2021	524990.845	5659100.94	NAD83_Z15	1a_basalt, mafic flow	BAS							Dark to light green, mafic volcanic flow with pillows, weakly squeezed if any, massive, and little to no pyrite, qtz carbonate filled vesicles
Block 3	na	Outcrop	134			SL	July 27 2021	525441.474	5658951.7	NAD83_Z15	1a_basalt, mafic flow	BAS							Light to dark grey green color with oxidized patches on outcrop, similar to before. Moderately sheared.
Block 3	na	Outcrop	135			SL	July 27 2021	525592.415	5658902.71	NAD83_Z15	1a_basalt, mafic flow	BAS							Light green to dark green, pillowed, mafic flow
Block 3	na	Outcrop	136			SL	July 27 2021	525784.183	5658851.37	NAD83_Z15	1a_basalt, mafic flow	BAS							Light grey to light color. Mafic flow that is foliated and intruded by felsic dyke with quartz veining
Block 3	na	Outcrop	137			SL	July 27 2021	526032.749	5658781.92	NAD83_Z15	2b_int explosive volcanics, fine	TUFF	veining						Light grey color, beige weather surface, fine grained and aphanitic, felsic to intermediate tuffaceous outcrop
Block 3	na	Outcrop	138			SL	July 28 2021	526042.179	5659154.71	NAD83_Z15	1a_basalt, mafic flow	BAS							Light green, pillowed mafic flow, non deformed pillows or very weakly deformed, younging to the east(?)
Block 3	na	Outcrop	139			SL	July 28 2021	526138.199	5659264.34	NAD83_Z15	1a_basalt, mafic flow	BAS							Light grey, mafic pillows with chlorite rims, same as before
Block 3	na	Outcrop	140			SL	July 28 2021	526001.957	5659284.67	NAD83_Z15	1a_basalt, mafic flow	BAS							Light green grey, mafic pillows, flow, with chlorite rims
Block 3	na	Outcrop	141			SL	July 28 2021	525632.954	5659380.99	NAD83_Z15	1a_basalt, mafic flow	BAS	foliation						Light green grey, mafic flow, partially tuffaceous and potential relic pillows
Block 3	na	Outcrop	142			SL	July 28 2021	525244.892	5659116.12	NAD83_Z15	1a_basalt, mafic flow	BAS							Light green grey, mafic flow, with well developed pillows
Block 3	na	Outcrop	143			SL	July 28 2021	525068.601	5659138.75	NAD83_Z15	1a_basalt, mafic flow	BAS	shear	10	90				Light green grey, mafic flow and tuffaceous, sheared outcrop with quartz veining parallel to foliation/shearing
Block 3	na	Outcrop	144			SL	July 28 2021	524460.754	5659023.26	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Light grey, massive fine to aphanitic, felsic to intermediate tuffaceous volcanic
Block 3	na	Outcrop	145			SL	July 28 2021	524315.948	5658998.36	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light grey, massive felsic crystal tuff, minor phenocryst of quartz and feldspars, minor quartz eye present
Block 3	na	Outcrop	155			SL	Aug 13 2021	523260.84	5659242.11	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	235	90				Light grey, quartz eye rich felsic crystal tuff, quartz eyes 10 to 25 percent, 1 to 3 percent feldspar phyr to. Massive outcrop and weak to moderately foliated. Possible altered QFP.
Block 3	na	Outcrop	156			SL	Aug 13 2021	523236.324	5659100.16	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation						Light grey, dark grey when wet, quartz eye phyr and weakly foliated, quartz eye 1 to 3 mm in size for about 5-10 percent of unit, possibly weakly altered QFP
Block 3	na	Outcrop	157			SL	Aug 13 2021	523061.338	5658934.58	NAD83_Z15	6b_gabbro	GAB							Light grey weather surface and dark grey fresh surface, moderately magnetic, fine grained gabbro diabase, weak to moderate potassic alteration, potential intermediate tuff? and maybe analogues with 657052?
Block 3	na	Outcrop	158			SL	Aug 13 2021	522987.529	5658864.24	NAD83_Z15	2b_int explosive volcanics, fine	CTFF							Dark grey blue, fine grained overall with 1 percent quartz eye, intermediate composition, could be fine grained gabbro diabase but appears more volcanic than intrusive
Block 3	na	Outcrop	159			SL	Aug 13 2021	522877.072	5659008.55	NAD83_Z15	3_felsic volcanics	FEL							Light brown grey, very fine grained aphanitic, very silica rich, possible siltstone or tuffaceous, no mineralization, weak foliation
Block 3	na	Outcrop	160			SL	Aug 13 2021	522917.823	5659151.55	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	260	90				Light grey, fresh exposed outcrop along shore, moderately foliated, crystal tuff, with quartz eye 2-4 mm in size for 3 to 10 percent, maybe volcanoclastic origin
Block 3	na	Outcrop	161			SL	Aug 13 2021	522904.351	5659216.57	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light grey green, quartz phyr crystal tuff, in part volcanoclastic, with quartz eye and phenocryst up to 20 percent
Block 3	na	Outcrop	162			SL	Aug 13 2021	522579.515	5658991.83	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	shear	235	90				Light grey, fine grained, with 1 to 2 percent quartz eye, very siliceous, moderately foliated, open folds, moderately to highly foliated and sheared

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PROPERTY	PROSPECT	SAMPLE SOURCE	STATION ID	SAMPLE	SAMPLE TYPE	SAMPLED BY	SAMPLE DATE	EASTING	NORTHING	UTM GRID	LITHOLOGY	FIELD LITHOLOGY	STRUCT 1	STRIKE 1	DIP 1	STRUCT 2	STRIKE 2	DIP 2	COMMENTS
Block 3	na	Outcrop	163			SL	Aug 13 2021	522565.331	5658912.16	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	shear	240	90				Light grey, aphanitic with 1 to 2 percent quartz phyric quartz eyes, moderately sheared and foliated, massive homogenous
Block 3	na	Outcrop	164			SL	Aug 13 2021	522482.846	5658933.05	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation	235	90				Light grey, fine grained and aphanitic with 1 to 2 percent quartz eye, highly siliceous outcrop with shear oblique to foliation
Block 3	na	Outcrop	276935	276935	Rock	SL	June 25 2021	523475.665	5658193.87	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	veining						Light grey green, felsic volcanic tuff, with oxidized quartz veining present, 1-3% pyrite very finely disseminated
Block 3	Fly lake	Outcrop	276936	276936	Rock	SL	June 26 2021	523304.874	5658059.84	NAD83_Z15	3a_rhyolite, felsic flow	RHYL							Highly oxidized, sulfur rich, semi massive pyrite and trace chalcocopyrite. Gossanous section within outcrop appears to trend 280
Block 3	na	Outcrop	657002	657002	Rock	SL	July 27 2021	524762.97	5659097.62	NAD83_Z15	1a_basalt, mafic flow	BAS							Light green to grey green, massive outcrop with disseminated pyrite and magnetite in mafic volcanic, fine to medium grained, min is 2 to 4 percent inclusive, finely disseminated
Block 3	na	Outcrop	657003	657003	Rock	SL	July 27 2021	525217.538	5659011.48	NAD83_Z15	1a_basalt, mafic flow	BAS							Highly oxidized patchy mafic volcanic flow outcrop, oxidization due to weathering of pyrrhotite, magnetite and pyrite, finely disseminated up to 5 percent. Oxidized zones are patchy throughout this small outcrop.
Block 3	na	Outcrop	657004	657004	Rock	SL	July 27 2021	525783.705	5658851.13	NAD83_Z15	1a_basalt, mafic flow	BAS							Light grey, fine grained, aphanitic, and siliceous, containing very fine disseminated pyrite and pyrrhotite min for 2 to 3 percent
Block 3	na	Outcrop	657005	657005	Rock	SL	July 28 2021	524591.439	5659073.7	NAD83_Z15	2b_int explosive volcanics, fine	TUFF							Light grey grey, fine grained, felsic to intermediate tuff with selective chlorite alteration, 1 to 2 percent fine grained magnetite mineralization, contact of intermediate to mafic volcanics on outcrop to the south, with diss 1-2% pyrite.
Block 3	na	Outcrop	657006	657006	Rock	SL	Aug 13 2021	523133.625	5658993.2	NAD83_Z15	6b_gabbro	GAB							Dark grey, fine grained intermediate maybe mafic gabbro and looks to be analogues with 657052 collected by Iowuna, outcrop does have 1 percent quartz eye, suspect intermediate tuff to crystal tuff, weakly magnetic
Block 3	na	Outcrop	657007	657007	Rock	SL	Aug 13 2021	523093.023	5659000.52	NAD83_Z15	6b_gabbro	GAB							Light grey, medium to coarse grained, with quartz clasts up to 75 percent of rock, with crenulated matrix around quartz, pyrite disseminated 2 to 3 percent, quartz clasts are altered could be altered gfp with more mafic composition. after research review this sample
Block 3	na	Outcrop	657051	657051	Rock	SL	Aug 10 2021	524153.82	5660328.37	NAD83_Z15	1a_basalt, mafic flow	BAS	Fault	322	80				Mafic dark grey aphanitic rock with trace PY up to 1% and PY appearing cubic on some surfaces
Block 3	na	Outcrop	657052	657052	Rock	SL	Aug 10 2021	523215.953	5658812.19	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Dark grey intermediate-mafic volcanic rock, with trace PY, possible intrusive in nature.
Block 3	na	Outcrop	11a			SL	June 25 2021	523341.271	5658905.28	NAD83_Z15	Crystal Tuff	CTFF							Intermediate dark grey to brownish red rock with quartz eyes and showing high levels of oxidization, may in part be highly silicified gabbro/diabase, overall fine grained
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_1	657034	Rock	AW/SL	Sept 16 2021	521430.822	5650713.98	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	48	60	foliation	37	80	Pale green-grey fine-grained (alteration obscured) probable felsic to intermediate volc flow or intrusive with 2mm ~10% sericite altered equant relict fs crystals, ~2mm approx. 5% qtz blebs/domains. Cross-cut by series of cm-scale irregular quartz veins, spaced ~2m. Rock is overall intensely foliated and strained, with Fe-ox of py-asy on foliation planes and fracture surfaces. Pervasive foliation is 048/60.
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_2	657026	Rock	AW/SL	Sept 16 2021	521729.567	5651124.59	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	62	85				Pale green-grey probably felsic to intermediate volc as at B3_1 but more intensely deformed, approaching schistose/phyllitic. Cross-cut by quartz veins approximately parallel to foliation. 2mm dark grey-blue quartz eyes in qtz-feldspathic Q-domains with anastomosing variably ser-chl altered Fe-rich mic/sericite in M-domains. Locally ~1mm relict (replacement?) py disseminations associated with zones of Fe-ox staining. Foliation: 062/85.
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_3	657027	Rock	AW/SL	Sept 16 2021	521653.749	5651246.44	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	45	70	veining	70	68	Pale green-grey probably felsic to intermediate volc as at B3_1 but more intensely deformed, approaching schistose/phyllitic. Fewer quartz veins and less oxidised than B3_2 and B3_1. Blue quartz eyes are larger (0.5cm) and more prominent. Fol 045/70. Qtz vein 070/68. Second set of structures is to east, near lakeshore.
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_3		Rock	AW/SL	Sept 16 2021	521653.749	5651246.44	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	55	85	veining	90	85	Pale green-grey probably felsic to intermediate volc as at B3_1 but more intensely deformed, approaching schistose/phyllitic. Fewer quartz veins and less oxidised than B3_2 and B3_1. Blue quartz eyes are larger (0.5cm) and more prominent. Foliation: 055/85. Qtz veins 090/85. First set of structures is slightly to west on outcrop.

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PROPERTY	PROSPECT	SAMPLE SOURCE	STATION ID	SAMPLE	SAMPLE TYPE	SAMPLED BY	SAMPLE DATE	EASTING	NORTHING	UTM GRID	LITHOLOGY	FIELD LITHOLOGY	STRUCT 1	STRIKE 1	DIP 1	STRUCT 2	STRIKE 2	DIP 2	COMMENTS
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_4		Rock	AW/SL	Sept 16 2021	522621.128	5650881.84	NAD83_Z15	1a_basalt, mafic flow	MF	jointing	318	90				Dark grey-black densely fs-phyric mafic to intermediate probable flow, with pockets of cm-to dm-scale hbl/px granodioritic intr/magmatic material. Matrix: 1.5 x 2-3mm white fs crystals preferentially aligned defining foliation, up to 25%. Irreg "xenolithic"/magmatic zones: >50% crystalline hbl/px with interstitial white fspathic matrix and rare blue-grey quartz grains 1-3mm. Weakly ep+chl altered: finely disseminated and <1mm ep veinlets.
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_5		Rock	AW/SL	Sept 16 2021	522970.049	5651530.93	NAD83_Z15	2b_int explosive volcanics, fine	CTFF	foliation	18	82	veining	215	83	Dark green-grey weakly sheared relict fs crystal intermediate tuff (?), cross-cut by 4 cm qtz+chl+tm(?) vein at 225/83. Lithology is foliated 018/82. Patchy finely disseminated py on fracture surfaces, up to 10% locally.
Block 3	Fly Lake Project/FLEH/FLWH	Outcrop	B3_6	657028	Rock	AW/SL	Sept 16 2021	522795.074	5651908.8	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	veining	7	85	veining	98	90	Light grey 0.5cm 2% Kfs- and 0.5-1mm 1% blue quartz-phyric felsic volcanic/crystal tuff(?), py po bearing up to 25% locally in fine disseminations. Cross-cut by 30-40 cm felsic dyke (underwater) 007/80. Dyke is cut by regularly spaced 2-4cm qtz veins (098/90). Host lith is cross-cut by series of 2-4cm qtz infill tension gashes parallel to dyke (007/subvert). Sample 657028 in oxidized and elevated sulphides: 25% po-py.
Block 3	Hornet-Noseum Lk	Outcrop	FM_13	657033	Rock	AW/SL	Sept 27 2021	523467	5659488	NAD83_Z15	3c_felsic explosive volcanics, coarse	LTFF	breccia	50		veining	265	45	Beige-green volcanoclastic: lapilli tuff - tuff breccia with cm-dm scale elongate scoriaceous fragments flattened, preferentially strongly ser altered and defining a foliation of N50E, in a strong/intensely chl altered matrix. Several subunits noted.
Fly-Moth	Fly lake	Outcrop	95			SL	June 26 2021	523140.503	5658017.6	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation						High sheared foliated outcrop. Foliation Azi 280/60
Fly-Moth	Fly lake	Outcrop	96			SL	June 26 2021	523157.682	5657958.68	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation						Light grey, felsic volcanic rhyolite-tuff, minor quartz phyric quartz-eyes present, with foliation Azi 270/80
Fly-Moth	Nipper Lake	Outcrop	97			SL	June 26 2021	523110.992	5657804.4	NAD83_Z15	3a_rhyolite, felsic flow	RHYL	foliation						Light grey, felsic volcanic rhyolite-tuff with parallel jointing present
Fly-Moth	na	Outcrop	101			SL	June 26 2021	523177.427	5658371.53	NAD83_Z15	Phyllite	PHYL							Phyllitic, possibly metamorphosed felicity tuff
Fly-Moth	na	Outcrop	102			SL	June 26 2021	523155.562	5658536.52	NAD83_Z15	Phyllite	PHYL							Light green grey, fine grained and phyllitic texture near schistose.
Fly-Moth	na	Outcrop	103			SL	June 26 2021	523148.904	5658581.5	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light to dark grey, coarse grained due to large quartz-feldspar phenocrysts, logged as crystall tuff, but may be unaltered QFP
Fly-Moth	na	Outcrop	106			SL	July 09 2021	519824.082	5656230.43	NAD83_Z15	3b_felsic explosive volcanics, fine	LTFF	foliation	40	90				Light green, highly foliated, sheared lapilli tuff, slightly oxidized, weak chlorite alteration, lapilli squeezed parrallel to foliation, occasionally small <1cm quartz vein
Fly-Moth	na	Outcrop	107			SL	July 09 2021	519872.843	5656364.35	NAD83_Z15	1a_basalt, mafic flow	BAS	shear	43	78				Light to dark gray, moderately foliated, weak to moderately magnetic, shearing 10 cm, weakly porphyritic mafic volcanic rock
Fly-Moth	na	Outcrop	108			SL	July 09 2021	519982.476	5656300.95	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation	35	65				Light gray, fine grained with small phenocrysts of quartz, weak to moderately foliated
Fly-Moth	Northwest triangle	Outcrop	109			SL	July 09 2021	520091.933	5656418.43	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Light to dark gray, fine grained, aphanitic, weakly laminated felsic-intermediate volcanic tuff
Fly-Moth	Northwest triangle	Outcrop	110			SL	July 09 2021	520062.413	5656379.04	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Light gray, fine grained and weakly laminated, silicate altered felsic volcanic tuff
Fly-Moth	na	Outcrop	111			SL	July 11 2021	521326.917	5657352.79	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF							Light green, feldspar phenocrysts, weakly chloritized, generally homogenous composition
Fly-Moth	na	Outcrop	113			SL	July 11 2021	520939.413	5656864.03	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation						Dark grey, well foliated siliceous rock with tuffaceous texture, banded light and grey layers of biotite quartz and occasionally feldspar, possibly schist
Fly-Moth	na	Outcrop	114			SL	July 11 2021	521040.195	5656900.27	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	285	90				Light grey green, with main foliation cross cut by secondary foliation. Fine grained, weak to moderate foliated, small quartz eye present in felsic-intermediate volcanics
Fly-Moth	na	Outcrop	115			SL	July 11 2021	520976.544	5656986.97	NAD83_Z15	3a_rhyolite, felsic flow	RHY							Light grey, silicate rich, aphanitic, and generally homogenous, possible foliated fine grained intrusive
Fly-Moth	na	Outcrop	116			SL	July 11 2021	520971.46	5656817.97	NAD83_Z15	9a_granodiorite	GR							Light grey and weakly gossanous, silicate rich and biotitic, weakly porphyritic
Fly-Moth	na	Outcrop	154			SL	Aug 10 2021	523413.154	5660282.73	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	veining	224	79				Light grey to dark grey, very fine grained aphanitic, containing quartz eye 1 to 3mm in size, overall very siliceous massive and homogenous, 3 to 5 quartz veins ranging from 2 to 5 cm and containing tr pyrite
Fly-Moth	na	Structural	165			SL	Aug 13 2021			NAD83_Z15	na	na	Z-fold axis	218	90				Deformed outcrop with open and tight folding locally present, large open fold observed and tight Z like folds as well. Azi of both folds trend 218.

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Fly-Moth	na	Structural	166			SL	Aug 13 2021			NAD83_Z15	na	na	veining	335	85					Cross cutting 10-30 cm quartz vein, barren
Fly-Moth	na	Outcrop	167			SL	Aug 13 2021	522344.507	5659165.98	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation	215	79					Light grey with foliation NE/SW, aphanitic texture with occasion oxidized sections parallel to shear/foliation for about 2 percent
Fly-Moth	na	Outcrop	168			SL	Aug 13 2021	522569.78	5659450.42	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	61	78					Light grey, felsic crystal tuff with 1-2 mm quartz eyes, with 10 to 25 percent quartz eye, may be volcanoclastic
Fly-Moth	na	Outcrop	169			SL	Aug 13 2021	522603.25	5659532.86	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	225	82					Light grey felsic crystal tuff with quartz eyes from 5 to 10 percent, silicified and tr py, massive homogenous outcrop
Fly-Moth	na	Outcrop	170			SL	Aug 13 2021	522693.458	5659574.45	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF								Light grey, felsic crystal tuff with quartz eyes and feldspar phyruc, size 1 to 3 mm, massive and homogenous, may be unaltered QFP
Fly-Moth	na	Outcrop	171			SL	Aug 13 2021	522866.485	5659776.29	NAD83_Z15	3b_felsic explosive volcanics, fine	CTFF	foliation	35	76					Light grey, weakly foliated felsic crystal tuff containing 1 to 3 percent quartz eyes from 1 to 3 mm in size
Fly-Moth	na	Outcrop	276937	276937	Rock	SL	July 09 2021	519831.321	5656332.4	NAD83_Z15	1a_basalt, mafic flow	BAS								Dark gray, aphanitic, massive, weakly foliated, po and py bearing very fine disseminated 3 percent, moderately magnetic, mafic volcanic flow
Fly-Moth	na	Subcrop	276938	276938	Rock	SL	July 09 2021	519879.023	5656377.21	NAD83_Z15	6b_gabbro	GAB								Light gray, porphyritic, amphibole, plagioclase, biotite moderately magnetic and massive
Fly-Moth	Northwest triangle	Subcrop	276939	276939	Rock	SL	July 09 2021	519954.303	5656353.28	NAD83_Z15	1_mafic volcanics	BAS								Light to dark green, aphanitic, at trench location, south of gabbroic rocks, moderately magnetic, selective and oxidized grab sample with up to 3 percent sulphides (py-po)
Fly-Moth	Northwest triangle	Outcrop	276940	276940	Rock	SL	July 09 2021	520019.068	5656375.98	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF								Light to dark gray, aphanitic, foliated and weakly laminated, and silicate rich, py po min 2 percent fine disseminated and fracture filled
Fly-Moth	Northwest triangle	Subcrop	276941	276941	Rock	SL	July 09 2021	520013.62	5656465.41	NAD83_Z15	1_mafic volcanics	BAS		51	90					Dark gray brown, sheared section in trench, sample collected as subcrop from bottom, sheared section visible as outcrop and highly oxidized, sulphides (po>py) up to 8 percent.
Fly-Moth	Northwest triangle	Subcrop	276942	276942	Rock	SL	July 09 2021	520075.24	5656471.52	NAD83_Z15	1_mafic volcanics	BAS	shear							Highly sheared dark gray brown, moderate to highly oxidized and containing po, py with minor cpy, up to 10 percent total. Shear zone lines up with last trench, sample from boulders from trench.
Fly-Moth	Northwest triangle	Outcrop	276943	276943	Rock	SL	July 11 2021	520960.409	5656730.62	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF								Light gray, highly siliceous, weakly foliated, tuff with diss magnetite and pyrite 1-3 percent, may be leucogranite.
Fly-Moth	na		276944	276944	Soil	SL	July 11 2021	520957.871	5656847.05	NAD83_Z15	soil	soil								Soil sample at trench which contained high cu zn rock samples. No outcrop observed.
Fly-Moth	na	Outcrop	657008	657008	Rock	SL	Aug 13 2021	522284.159	5659231.58	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation							Light grey to white color, aphanitic texture with sample being weak to moderately hematite altered and parallel to s2 shear-foliation
Fly-Moth	na	Outcrop	657009	657009	Rock	SL	Aug 13 2021	522713.897	5659778.66	NAD83_Z15	2b_int explosive volcanics, fine	CTFF	veining	205	85					Light grey felsic crystal tuff, with quartz eyes 1 to 3 percent from 1 to 2 mm in size, containing 1 percent very fine disseminated pyrite adjacent to qtz vein, silicification creating an aphanitic texture with fewer quartz eye present.
Fly-Moth	NW Triangle Lake	Outcrop	FM_01		Rock	AW/SL	Sept 15 2021	520548.316	5656529.98	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	foliation	242	88					Green-grey fine-grained probable intermediate to felsic volcanic with aphanitic matrix with 3-5% relict (?) 1-2mm Kfs crystals in weakly chloritic matrix. Locally ~1mm up to 2% grey-clear-blue quartz eyes Discontinuous irregular to lensoid blebs of whitish silica+carb alteration domains. Strongly foliated throughout (242/88). Locally 103mm blebs of py+aspy which give rock stained Fe-ox appearance on weathered surfaces.
Fly-Moth	NW Triangle Lake	Outcrop	FM_02	657020	Rock	AW/SL	Sept 15 2021	520453.869	5656544.95	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	veining	225	85					Moss and lichen covered weathered outcrop - difficult to see lithological and alteration features. Appears to have coarser more heterogeneous character than at FM_1 to the south. Fresh surfaces: green-grey alteration obscured chl+silica altered probable felsic tuff.
Fly-Moth	NW Triangle Lake	Outcrop	FM_02	657021	Rock	AW/SL	Sept 15 2021	520438.752	5656547.39	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	veining	225	85					Moss and lichen covered weathered outcrop - difficult to see lithological and alteration features. Appears to have coarser more heterogeneous character than at FM_1 to the south. Fresh surfaces: green-grey alteration obscured chl+silica altered probable felsic tuff.

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Fly-Moth	NW Triangle Lake	Outcrop	FM_02		Rock	AW/SL	Sept 15 2021	520478.911	5656558.37	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF	veining	225	85				Moss and lichen covered weathered outcrop - difficult to see lithological and alteration features. Appears to have coarser more heterogeneous character than at FM_1 to the south. Fresh surfaces: green-grey alteration obscured chl+silica altered probable felsic volcanic (volcaniclastic). Minor ep alteration. Cross-cut by network of mm-scale py±chl±qtz±dark grey straight and irregular veinlets, and up to 4 cm grey qtz±chl vein, broken and irregular, observable over 5 m (225/subvertical). Lithology also hosts ~1% 1mm disseminated py in matrix.
Fly-Moth	NW Triangle Lake	Outcrop	FM_03		Rock	AW/SL	Sept 15 2021	520198.975	5656594.93	NAD83_Z15	9c_granodiorite (porphyritic)	GR		0	0				Grey medium-grained fs+qtz phryc mt-bearing bio+hbl (foliated) granite/granodiorite. Feldspar laths are <1mm (plag? Kfs?) up to 15-25%. Locally bleached and Kfs altered in association with minor shearing/faulting. Cross-cut by mm-scale ep veinlets locally.
Fly-Moth	NW Triangle Lake	Outcrop	FM_04		Rock	AW/SL	Sept 15 2021	520076.104	5656560.73	NAD83_Z15	9c_granodiorite (porphyritic)	GR	contact	84					Granite-felsic volcanic (FM_2) contact breccia zone with probable entrainment of cm-scale blocks of volcanics within intrusive granite/granodiorite. Contact ~084/subvertical (?).
Fly-Moth	NW Triangle Lake	Outcrop	FM_05		Rock	AW/SL	Sept 15 2021	520270.471	5656967.06	NAD83_Z15	9c_granodiorite (porphyritic)	GR							Beige-pale green foliated granite/granodiorite, as at FM_3, fine-grained disseminated mt causing magnetism, weakly chl altered.
Fly-Moth	NW Triangle Lake	Outcrop	FM_05a		Rock	AW/SL	Sept 15 2021	520476.914	5657199.14	NAD83_Z15	9c_granodiorite (porphyritic)	GR							Beige-pale green foliated granite/granodiorite, as at FM_3, fine-grained disseminated mt causing magnetism, weakly chl altered.
Fly-Moth	NW Triangle Lake	Outcrop	FM_06	657022	Rock	AW/SL	Sept 15 2021	520655.546	5657144.46	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Creek Bed: Pale green-grey homogeneous weakly foliated, up to 5% fine-grained disseminated py+po. Weakly magnetic. Py-po is sometimes associated with chl±bio±qtz halos. Relict qtz eyes/crystals locally present, <1mm, <1%. Ser+chl+Fe-ox alt on fracture surfaces.
Fly-Moth	NW Triangle Lake	Outcrop	FM_06	657023	Rock	AW/SL	Sept 15 2021	520855.242	5656944.99	NAD83_Z15	3b_felsic explosive volcanics, fine	TUFF							Creek Bed: Pale green-grey homogeneous weakly foliated, up to 5% fine-grained disseminated py+po. Weakly magnetic. Py-po is sometimes associated with chl±bio±qtz halos. Relict qtz eyes/crystals locally present, <1mm, <1%. Ser+chl+Fe-ox alt on fracture surfaces.
Fly-Moth	NW Triangle Lake	Outcrop	FM_07	657024	Rock	AW/SL	Sept 15 2021	520920.153	5656999.36	NAD83_Z15	11b_granodiorite	GR							Powerline: contact breccia zone between granodiorite/granite and volcanics.
Fly-Moth	NW Triangle Lake	Outcrop	FM_07		Rock	AW/SL	Sept 15 2021	520855.242	5656944.99	NAD83_Z15	11b_granodiorite	GR							Powerline: contact breccia zone between granodiorite/granite and volcanics.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_08	657029	Rock	AW/SL	Sept 27 2021	519809.64	5656034.89	NAD83_Z15	1_mafic volcanics	MU	veining	50					Green-grey massive homogeneous fine- to medium-grained mafic to intermediate volc. intr, qtz eye phryc/bearing ~1%, 1mm, with 0.1% py±cpy concentrated in veinlets/stringers. Weakly magnetic, weakly to moderately silicified, weakly chloritic. Outcrop shows weak quartz veining with vein trends N50, and increasing alteration (mt, silica, ser/clay) and deformation to the south. Subhorizontal fabric defined by my veinlets/ribbons <1mm in width.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_09	657030	Rock	AW/SL	Sept 27 2021	519898.86	5656037.13	NAD83_Z15	6a_gabbro, diorite	GAB	foliation	247	68				Dark green coarse-grained (~porphyroblastic?) chl altered QFP (?); chl strongly alters matrix. Q: ~5-7%, 0.1-0.5mm, grey, irregular. F: ~10%, 0.5cm, white/beige, ser-clay altered. Matrix: ~83% chl altered, trace diss py <1mm. Weakly developed foliation.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_09a		Rock	AW/SL	Sept 27 2021	519926.27	5655972.74	NAD83_Z15	6a_gabbro, diorite	GAB	foliation	250	70	veining	265	60	As at FM_9 but intensely foliated, chl altered and schistose rock. Foliation: 250/70. Qtz vein: 265/60.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_10	657031	Rock	AW/SL	Sept 27 2021	519895.15	5655960.5	NAD83_Z15	1_mafic volcanics	MU	veining	50	85	veining	173	30	Quartz vein outcrop: Beige highly strained and crenulated, foliated schistose metavolcanic (altered and deformed volc rock as at FM_8?). Cm-scale qtz veins in 2 orientations: foliation subparallel along 4m 050/subvert, and cross-cutting along 1.5m-1m slope.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_10		Rock	AW/SL	Sept 27 2021	519865.02	5655929.98	NAD83_Z15	1_mafic volcanics	MU	veining	50	85	veining	173	30	Quartz vein outcrop: Beige highly strained and crenulated, foliated schistose metavolcanic (altered and deformed volc rock as at FM_8?). Cm-scale qtz veins in 2 orientations: foliation subparallel along 4m 050/subvert, and cross-cutting along 1.5m-1m slope.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_11		Rock	AW/SL	Sept 27 2021	519772.22	5655915.65	NAD83_Z15	6a_gabbro, diorite	GAB							Highly altered 'QFP' as at FM_9. Magnetic.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_12	657032	Rock	AW/SL	Sept 27 2021	519411.23	5655949	NAD83_Z15	1_mafic volcanics	MU							Mafic volcanic as at FM_8 but more massive and fine-grained.



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PROPERTY	PROSPECT	SAMPLE SOURCE	STATION ID	SAMPLE	SAMPLE TYPE	SAMPLED BY	SAMPLE DATE	EASTING	NORTHING	UTM GRID	LITHOLOGY	FIELD LITHOLOGY	STRUCT 1	STRIKE 1	DIP 1	STRUCT 2	STRIKE 2	DIP 2	COMMENTS	
Fly-Moth	Ramses Lk SGH Anom	Outcrop	FM_12		Rock	AW/SL	Sept 27 2021	519409.8	5655950.63	NAD83_Z15	1_mafic volcanics	MU								Mafic volcanic as at FM_8 but more massive and fine-grained.
Fly-Moth	Ramses Lk SGH Anom	Outcrop	na		na	AW/SL	Sept 27 2021	519505.27	5655881.58	NAD83_Z15	na									Centre of SGH anomaly, marshy, no outcrop. SGH sample 665306.

Confederation Belt East Prospecting Survey - Total costs

Costs associated with 2021 Prospecting Report Survey on Confederation Belt East property

Prospecting Surveys

Inv #	Inv ref	Inv Amt	Pro rata	Applicable cost	Category	Inv date	Inv company	Details
P1	-	-		\$ 2,500.00	Prospecting	N/A	TGM staff geo -Abbie Wright	5 days @ \$500/day
P2	P2a to P2f	\$ 7,560.00	100%	\$ 7,560.00	Prospecting		Samuel Lewis	18 days @ \$420/day
P3	P3	\$ 550.00	100%	\$ 550.00	Prospecting		Norm Aime	1 days@ \$550/day
P4	P4a to P4c	\$ 800.00	100%	\$ 800.00	Prospecting		David Antoniadis	4 days@ \$200/day
P5	P5a to P5c	\$ 800.00	100%	\$ 800.00	Prospecting		Iyowuna Amakiri	4 days @ \$200/day
Total				\$ 12,210.00				

Associated Costs (work)

A1	15030046146	\$ 1,892.75	7%	\$ 126.18	Transportation	4-Jul-21	National Truck rentals - June	2 truck days
	15030107602	\$ 1,892.75	26%	\$ 488.45		3-Aug-21	National Truck rentals - July	8 truck days (2 trucks on July 27,28)
A2	15030107613				Transportation			
	15030169877	\$ 1,892.75	19%	\$ 366.34		2-Sep-21	National Truck rentals - Aug	6 truck days (2 trucks on Aug 5)
A3	15030170139				Transportation			
A4	15030261701	\$ 1,892.75	17%	\$ 315.46	Transportation	2-Oct-21	National Truck rentals - Sept	5 truck days
A5	887592	\$ 96.00	100%	\$ 96.00	Transportation	8-Jul-21	TJ's Kwik Stop	gas
A6	893261	\$ 100.00	100%	\$ 100.00	Transportation	22-Jul-21	TJ's Kwik Stop	gas
A7	401922	\$ 173.00	100%	\$ 173.00	Transportation	29-Jul-22	TJ's Kwik Stop	gas - DA expense
A8	912544	\$ 165.00	100%	\$ 165.00	Transportation	15-Sep-21	TJ's Kwik Stop	gas
A9	218440	\$ 135.00	100%	\$ 135.00	Transportation	19-Sep-21	TJ's Kwik Stop	gas
A10	62808	\$ 162.31	50%	\$ 81.16	Supplies	13-Sep-21	Sling Choker - Supplies	Packing tape for shipments
A11	0001	\$ 1,400.00	7%	\$ 93.33	Lodging	31-May-21	Company Apartment - June	Prorated for # days worked - 2 days
A12	0002	\$ 1,400.00	19%	\$ 270.97	Lodging	30-Jun-21	Company Apartment - July	Prorated for # days worked - 6 days
A13	0003	\$ 1,400.00	16%	\$ 225.81	Lodging	31-Jul-21	Company Apartment - Aug	Prorated for # days worked - 5 day
A14	0004	\$ 1,400.00	17%	\$ 233.33	Lodging	31-Aug-21	Company Apartment - Sept	Prorated for # days worked - 5 days
A15	see breakdown (15a to 15g)	\$ 584.48	100%	\$ 584.48	food	19-Jul-21	Food Fair, IGA	Total Groceries for assistants - July 19 through July 29, 2021 from expense reports - covers 11 day period, which is roughly equivalent to total days worked by assistants from June through Aug (~\$55/person/day)
A16		\$ 83.90	100%	\$ 83.90	food	6-Aug-21	Jade Restaurant	Meal for field crews Aug 6, 2021
A17	T75BF9	\$ 965.78	40%	\$ 386.31	Transportation	2-Sep-21	Bearskin Air	Travel expenses - round trip - pro-rated ON border to Red Lake portion (40%) - AW
A18	5441000	\$ 82.25	100%	\$ 82.25	food	9-Sep-21	IGA	meals-AW
A19	-	\$ 75.70	100%	\$ 75.70	food	12-Sep-21	IGA	meals-AW
A20	1188234	\$ 58.05	100%	\$ 58.05	food	13-Sep-21	IGA	meals-AW
A21	591638	\$ 27.03	100%	\$ 27.03	food	17-Sep-21	Guardian	food-AW
A22	-	\$ 14.11	100%	\$ 14.11	food	17-Sep-21	IGA	food-AW (total groceries =~\$55/day)
A23	42350	\$ 26.28	100%	\$ 26.28	food	27-Sep-21	Antonio's	meals-AW
A24	-	\$ 2,500.00	100%	\$ 2,500.00	Report	16-28-Feb-22	Trillium Staff Geo	Writing report 5 days @ \$500/day
<b>Associated Costs (assaying)</b>								
A25	3301306884	\$ 117.73	76%	\$ 89.47	Shipping sampl	29-Jul-21	Manitoulin Transport	Sample shipment to Actlabs pro-rated to number of applicable samples
A26	3301406081	\$ 61.12	95%	\$ 58.06	Shipping sampl	6-Oct-21	Manitoulin Transport	Sample shipment to Actlabs pro-rated to number of applicable samples
A27	13351	\$ 392.70	59%	\$ 231.00	assaying	4-Oct-21	Activation Laboratories	Analysis of 10 samples (rest are different project)
A28	13623	\$ 916.65	76%	\$ 698.40	assaying	13-Dec-21	Activation Laboratories	Analysis of 32 samples (rest are different project)

Total work	\$ 18,918.14	
Total assay	\$ 1,076.94	<b>Rounded</b>
<b>Total cost</b>	<b>\$ 19,995.08</b>	<b>\$ 19,995.00</b>

Pivot table of compiled costs for Assessment filing

Row Labels	Sum of Applicable	Unit cost	Unit
assaying	\$ 929.40	\$ 22.13	sample (42)
food	\$ 951.80	\$ 52.88	per day (18)
Lodging	\$ 823.44	\$ 91.49	per day (9)
Prospecting	\$ 12,210.00	\$ 381.56	per day (avg sal-32 days)
Report	\$ 2,500.00	\$ 500.00	per day (5)
Supplies	\$ 81.16	-	line item
Transportation	\$ 2,351.74	\$ 130.65	per day (incl airfare, truck rental, gas)
Shipping samples	\$ 147.54	\$ 3.51	per sample (42)
<b>Grand Total</b>	<b>\$ 19,995.08</b>		

**Food costs breakdown for 2021 Prospecting Report Survey on CB East**

**June-Aug program (groceries/meals for assistants)**

Source	Supplier	Date	Amt	Comment
WP expense report 15a	Food Fair	7/19/2021	\$ 187.12	Groceries for students
DA expense report 15b	Food Fair	7/21/2021	\$ 19.11	food - DA
DA expense report 15c	Food Fair	7/21/2021	\$ 44.78	groceries - DA
DA expense report 15d	IGA	7/25/2021	\$ 134.29	groceries - DA
WP expense report 15e	Food Fair	7/27/2021	\$ 33.96	Groceries for students
WP expense report 15f	Food Fair	7/28/2021	\$ 49.48	Groceries for students
IA expense report 15g	Food Fair	7/29/2021	\$ 115.74	groceries - IA
<b>Groceries Total</b>			<b>\$ 584.48</b>	<b>(=~\$55/person/day)</b>
WP expense report 16	The Jade	8/6/2021	\$ 83.90	Lunch for field crew

summarized on worksheet; covers same # of days, but not exact dates

**Sept program (groceries/meals for AW)**

AW expense report 18	IGA	9-Sep-21	\$ 82.25	groceries-AW
AW expense report 19	IGA	9/12/2021	\$ 75.70	groceries-AW
AW expense report 20	IGA	9/13/2021	\$ 58.05	groceries-AW
AW expense report 21	Guardian	9/17/2021	\$ 27.03	groceries-AW
AW expense report 22	IGA	9/17/2021	\$ 14.11	groceries-AW
AW expense report 23	Antonio's	9/27/2021	\$ 26.28	meal-AW
<b>Total</b>			<b>\$ 283.42</b>	<b>(=~\$55/day)</b>

**Tally of observation/sample stations by claim (used for pro rata calculations)**

TENURE_NUM	# Observations	# Samples
100217		
114994	3	2
117582	2	
121933	4	1
127488		
127556	7	1
139537	2	
156229	4	1
156276	9	5
156787		
156789		
157003	3	
158897	8	2
160422	2	
162251		
162296	1	
162298		
163081	6	1
176461	7	2
185945	2	
188177	2	1
200857		
202111		
202112	1	
202113		
210102	2	
210103	1	
210104		
210232	2	
215230	1	
221134	1	1
222281		
224305	5	
228994	1	
229114		
229838	3	
241258	5	2
271100	3	
276127	1	1
276128		
276753	1	
283980	10	6
288230		
288789	1	1
304165	4	
324778	2	2
324788	2	2
324789	6	
336780	9	4
583653	7	2
583654	10	5

Pro Rata Calculations

<b>Total observations</b>	<b>140</b>	<b>Total samp</b>	<b>42</b>
<b>Total costs (work)</b>	<b>\$ 18,918.14</b>		
<b>Total costs (assay)</b>	<b>\$ 1,076.94</b>		
<b>Total costs (ALL)</b>	<b>\$ 19,995.08</b>		

Pro-rated total:  
\$19,995

\* Pro rata factor calculated as number of observations per claim/by total observations and # samples per claim/total samples

Claims surveyed	Property	Area (ha)	# observations (work)	Pro rata factor (work)	# samp (assay)	Pro rata factor (assaying)	Pro rata cost for work + assay	Rounded for entry
100217	Confederation East	20.32	0	0.00%	0	0.00%	-	-
100219	Confederation East	20.318	0	0.00%	0	0.00%	-	-
101605	Confederation East	20.29	0	0.00%	0	0.00%	-	-
104236	Confederation East	20.29	0	0.00%	0	0.00%	-	-
114957	Confederation East	20.29	0	0.00%	0	0.00%	-	-
114994	Confederation East	20.32	3	2.14%	2	4.76%	456.67	457.00
117582	Confederation East	20.29	2	1.43%	0	0.00%	270.26	270.00
118667	Confederation East	20.3	0	0.00%	0	0.00%	-	-
119681	Confederation East	20.29	0	0.00%	0	0.00%	-	-
121765	Confederation East	20.29	0	0.00%	0	0.00%	-	-
121933	Confederation East	20.29	4	2.86%	1	2.38%	566.16	566.00
127488	Confederation East	20.3	0	0.00%	0	0.00%	-	-
127556	Confederation East	20.28	7	5.00%	1	2.38%	971.55	972.00
139537	Confederation East	20.3	2	1.43%	0	0.00%	270.26	270.00
144143	Confederation East	20.31	0	0.00%	0	0.00%	-	-
156229	Confederation East	20.29	4	2.86%	1	2.38%	566.16	566.00
156262	Confederation East	20.3	0	0.00%	0	0.00%	-	-
156263	Confederation East	20.31	0	0.00%	0	0.00%	-	-
156264	Confederation East	20.31	0	0.00%	0	0.00%	-	-
156266	Confederation East	20.31	0	0.00%	0	0.00%	-	-
156276	Confederation East	20.3	9	6.43%	5	11.90%	1,344.37	1,344.00
156786	Confederation East	20.32	0	0.00%	0	0.00%	-	-
156787	Confederation East	20.32	0	0.00%	0	0.00%	-	-
156789	Confederation East	20.32	0	0.00%	0	0.00%	-	-
157003	Confederation East	20.29	3	2.14%	0	0.00%	405.39	405.00
158897	Confederation East	20.29	8	5.71%	2	4.76%	1,132.32	1,132.00
160422	Confederation East	20.29	2	1.43%	0	0.00%	270.26	270.00
162251	Confederation East	20.284	0	0.00%	0	0.00%	-	-
162296	Confederation East	20.31	1	0.71%	0	0.00%	135.13	135.00
162298	Confederation East	20.32	0	0.00%	0	0.00%	-	-
163081	Confederation East	20.29	6	4.29%	1	2.38%	836.42	837.00
164895	Confederation East	20.31	0	0.00%	0	0.00%	-	-
164896	Confederation East	20.29	0	0.00%	0	0.00%	-	-
168042	Confederation East	20.29	0	0.00%	0	0.00%	-	-
169178	Confederation East	20.3	0	0.00%	0	0.00%	-	-
175181	Confederation East	20.29	0	0.00%	0	0.00%	-	-
176461	Confederation East	20.29	7	5.00%	2	4.76%	997.19	997.00
177725	Confederation East	20.29	0	0.00%	0	0.00%	-	-
185945	Confederation East	20.28	2	1.43%	0	0.00%	270.26	270.00
188177	Confederation East	20.3	2	1.43%	1	2.38%	295.90	296.00
200857	Confederation East	20.3	0	0.00%	0	0.00%	-	-
202086	Confederation East	20.31	0	0.00%	0	0.00%	-	-
202111	Confederation East	20.31	0	0.00%	0	0.00%	-	-
202112	Confederation East	20.32	1	0.71%	0	0.00%	135.13	135.00
202113	Confederation East	20.32	0	0.00%	0	0.00%	-	-
210102	Confederation East	20.28	2	1.43%	0	0.00%	270.26	270.00
210103	Confederation East	20.28	1	0.71%	0	0.00%	135.13	135.00
210104	Confederation East	20.284	0	0.00%	0	0.00%	-	-
210127	Confederation East	20.3	0	0.00%	0	0.00%	-	-
210232	Confederation East	20.28	2	1.43%	0	0.00%	270.26	270.00
212102	Confederation East	20.3	0	0.00%	0	0.00%	-	-
215230	Confederation East	20.28	1	0.71%	0	0.00%	135.13	135.00
221134	Confederation East	20.3	1	0.71%	1	2.38%	160.77	161.00
222281	Confederation East	20.28	0	0.00%	0	0.00%	-	-
224305	Confederation East	20.29	5	3.57%	0	0.00%	675.65	676.00
224307	Confederation East	20.29	0	0.00%	0	0.00%	-	-
228836	Confederation East	20.295	0	0.00%	0	0.00%	-	-
228994	Confederation East	20.32	1	0.71%	0	0.00%	135.13	135.00
229838	Confederation East	20.29	3	2.14%	0	0.00%	405.39	405.00
233594	Confederation East	20.29	0	0.00%	0	0.00%	-	-
233745	Confederation East	20.29	0	0.00%	0	0.00%	-	-
241258	Confederation East	20.3	5	3.57%	2	4.76%	726.93	727.00

Pro Rata Calculations

Claims surveyed	Property	Area (ha)	# observations (work)	Pro rata factor (work)	# samp (assay)	Pro rata factor (assaying)	Pro rata cost for work + assay	Rounded for entry
241270	Confederation East	20.296	0	0.00%	0	0.00%	-	-
261567	Confederation East	20.29	0	0.00%	0	0.00%	-	-
<b>271100</b>	<b>Confederation East</b>	<b>20.29</b>	<b>3</b>	<b>2.14%</b>	<b>0</b>	<b>0.00%</b>	<b>405.39</b>	<b>405.00</b>
271151	Confederation East	20.3	0	0.00%	0	0.00%	-	-
<b>276127</b>	<b>Confederation East</b>	<b>20.28</b>	<b>1</b>	<b>0.71%</b>	<b>1</b>	<b>2.38%</b>	<b>160.77</b>	<b>161.00</b>
276128	Confederation East	20.29	0	0.00%	0	0.00%	-	-
276148	Confederation East	20.3	0	0.00%	0	0.00%	-	-
<b>276753</b>	<b>Confederation East</b>	<b>20.28</b>	<b>1</b>	<b>0.71%</b>	<b>0</b>	<b>0.00%</b>	<b>135.13</b>	<b>135.00</b>
278121	Confederation East	20.3	0	0.00%	0	0.00%	-	-
283436	Confederation East	20.29	0	0.00%	0	0.00%	-	-
<b>283980</b>	<b>Confederation East</b>	<b>20.29</b>	<b>10</b>	<b>7.14%</b>	<b>6</b>	<b>14.29%</b>	<b>1,505.14</b>	<b>1,505.00</b>
284465	Confederation East	20.3	0	0.00%	0	0.00%	-	-
288230	Confederation East	20.282	0	0.00%	0	0.00%	-	-
288231	Confederation East	20.28	0	0.00%	0	0.00%	-	-
288233	Confederation East	20.29	0	0.00%	0	0.00%	-	-
288234	Confederation East	20.29	0	0.00%	0	0.00%	-	-
288235	Confederation East	20.3	0	0.00%	0	0.00%	-	-
<b>288789</b>	<b>Confederation East</b>	<b>20.32</b>	<b>1</b>	<b>0.71%</b>	<b>1</b>	<b>2.38%</b>	<b>160.77</b>	<b>161.00</b>
295340	Confederation East	20.293	0	0.00%	0	0.00%	-	-
295541	Confederation East	20.31	0	0.00%	0	0.00%	-	-
295544	Confederation East	20.32	0	0.00%	0	0.00%	-	-
298915	Confederation East	20.29	0	0.00%	0	0.00%	-	-
304164	Confederation East	20.29	0	0.00%	0	0.00%	-	-
<b>304165</b>	<b>Confederation East</b>	<b>20.29</b>	<b>4</b>	<b>2.86%</b>	<b>0</b>	<b>0.00%</b>	<b>540.52</b>	<b>541.00</b>
312071	Confederation East	20.28	0	0.00%	0	0.00%	-	-
312073	Confederation East	20.29	0	0.00%	0	0.00%	-	-
<b>324778</b>	<b>Confederation East</b>	<b>20.3</b>	<b>2</b>	<b>1.43%</b>	<b>2</b>	<b>4.76%</b>	<b>321.54</b>	<b>322.00</b>
<b>324788</b>	<b>Confederation East</b>	<b>20.29</b>	<b>2</b>	<b>1.43%</b>	<b>2</b>	<b>4.76%</b>	<b>321.54</b>	<b>322.00</b>
<b>324789</b>	<b>Confederation East</b>	<b>20.29</b>	<b>6</b>	<b>4.29%</b>	<b>0</b>	<b>0.00%</b>	<b>810.78</b>	<b>811.00</b>
324818	Confederation East	20.3	0	0.00%	0	0.00%	-	-
324819	Confederation East	20.31	0	0.00%	0	0.00%	-	-
328195	Confederation East	20.29	0	0.00%	0	0.00%	-	-
330762	Confederation East	20.29	0	0.00%	0	0.00%	-	-
<b>336780</b>	<b>Confederation East</b>	<b>20.3</b>	<b>9</b>	<b>6.43%</b>	<b>4</b>	<b>9.52%</b>	<b>1,318.73</b>	<b>1,319.00</b>
<b>583653</b>	<b>Confederation East</b>	<b>182.54</b>	<b>7</b>	<b>5.00%</b>	<b>2</b>	<b>4.76%</b>	<b>997.19</b>	<b>997.00</b>
<b>583654</b>	<b>Confederation East</b>	<b>487.04</b>	<b>10</b>	<b>7.14%</b>	<b>5</b>	<b>11.90%</b>	<b>1,479.50</b>	<b>1,480.00</b>