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N.T.S. 41P15

**REPORT ON
PROSPECTING TRAVERSES
MIDLOTHIAN LAKE PROPERTY:
ELIZABETH LAKE AREA
LARDER LAKE MINING DIVISION
MIDLOTHIAN TOWNSHIP, ONTARIO**

**By: ROBERT DILLMAN
MOUNT BRYDGES, ONTARIO**

December 12, 2021

I N D E X

	page
Summary	2
Location and Access	2
Claim Logistics and Location of Work	4
Land Status and Topography	4
Regional and Local Geology	7
History of Exploration	10
Survey Dates and Personnel	11
Survey Logistics	11
Survey Results	18
Discussion of Results	18
Conclusions and Recommendations	19
References	20
Certificate of Author	21
Figure 1. Property Location Map	3
Figure 2. Claim Map	5
Figure 3. Location of Work	6
Figure 4: Regional Geology Map	8
Figure 5. Geology of Halladay and Midlothian Townships	9
Figure 6. September 12, 2020 Traverse Map	12
Figure 7. June 13, 2021 Traverse Map	13
Figure 8. Rock Sample Location Map and Assays	14
Figure 9. Pictures of Rock Samples	16
Figure 10. Pictures of Rock Sample Sites	17
Figure 11. Rock Samples and Sample Sites, Magusi Trench	19
Table 1. Waypoint & Rock Sample Locations	15
APPENDIX	
Assay Certificate November 4, 2020	22
Assay Certificate August 16, 2021	34
Geology and Surface Map scale 1 : 2,500	41

Summary

This report summarizes the results of two prospecting traverses on the Midlothian Lake Property in Midlothian Township. The traverses were completed in two days: September 15, 2020 and June 13, 2021 by property owners: Dr. Jim Renaud and author, Robert Dillman. A total of 2.8 km was traversed using a GPS and compass to calculate distance and navigation. The area prospected is situated between Elizabeth Lake and the Asbestos Mine Road, on claims 549425, 549426, 549427 and 549428, cells 41P15E109, 41P15E110, 41P15E129, 41P15E130.

The traverses were initiated to explore for native gold-bearing quartz veins reported to occur in the area. Numerous quartz-carbonated veins were located. Fifteen rock samples were collected. Unfortunately, gold mineralization was not observed, and assays were disappointing, the highest being 0.031 ppm Au.

Location and Access

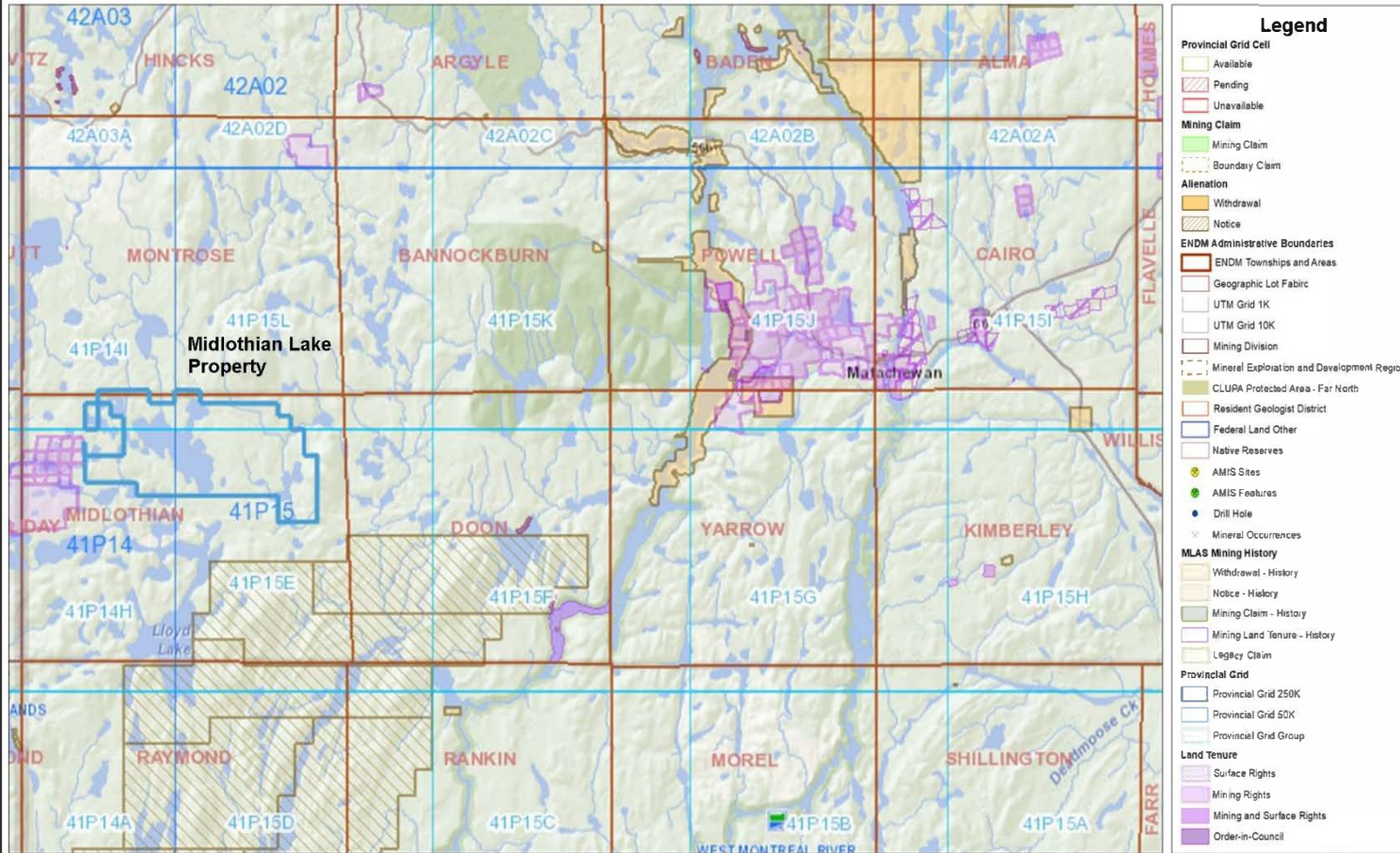
The Midlothian Lake Property is situated in Midlothian Township in the Larder Lake Mining Division, Ontario. The property is located approximately 23 kilometres southwest of the town of Matachewan (Figure 1).

The property is accessible by truck and ATV. From the town of Matachewan, the property can be reached by travelling 2.9 km southwest on Highway 566 to the Asbestos Mine Road. Go west on the mine road for 23 km at which point the road is washed out and the rest of the journey must be made on ATV. The property boundary is located 2.7 km from the wash out.

Several non-maintained logging roads provide good access to various regions of the property.

Figure 1.
Property Location Map

Notes: **Midlothian Lake Property**



Those wishing to register mining claims should consult with the Provincial Mining Recorders' Office of the Ministry of Energy, Northern Development and Mines for additional information on the status of the lands shown hereon. This map is not intended for navigational, survey, or land title determination purposes as the information shown on this map is compiled from various sources. Completeness and accuracy are not guaranteed. Additional information may also be obtained through the local Land Titles or Registry Office, or the Ministry of Natural Resources and Forestry. The information shown is derived from digital data available in the Provincial Mining Recorders' Office at the time of downloading from the Ministry of Energy, Northern Development and Mines web site.



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Claim Logistics and Location of Work

The Midlothian Lake Property consists of 118 mining claim cells. The property covers an approximate area of 2546 hectares (Figure 2).

All claims comprising the Midlothian Lake Property are held by Jim Renaud of London, Ontario and the author, Robert Dillman of Mount Brydges, Ontario.

The area on the property where traverses were conducted is shown in Figure 3. Areas were prospected on the following claims:

549425 cell 41P15E109	549426 cell 41P15E110
549427 cell 41P15E129	549428 cell 41P15E130

Land Status and Topography

The Midlothian Lake Property is situated entirely on Crown Land. The property is uninhabited. There are no buildings or habitats. An electrical powerline follows the Asbestos Mine Road which crosses the southeast section of the property. A system of non-maintained logging roads provide access to most areas of the property.

Sections of the property have been logged within the last 2 decades. Some of these areas are partially reforested with spruce trees. Uncut forest consisting of large spruce, balsam and poplar trees can be found bordering bodies of water and growing in higher elevations. Cedar trees and alders grow in lower areas.

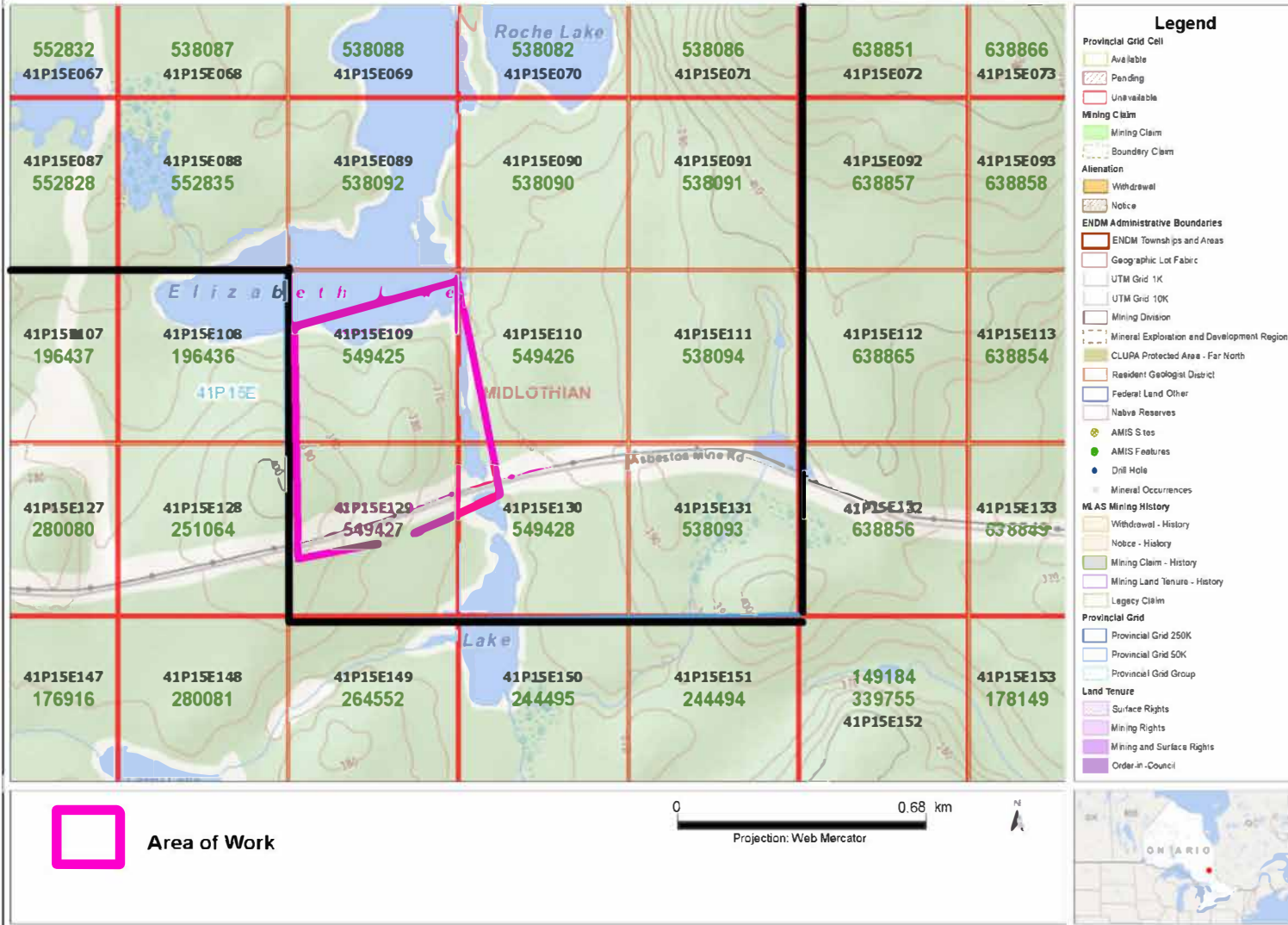
The property is at a mean elevation ranging 360 to 400 metres above sea level. Most of the property has gentle relief with rounded hills ranging 20 metres in height. Rugged terrain exists east of Elizabeth Lake where steep hills rise over 40 metres above the lake and in the area south of Midlothian Lake where a ridge ranging 20 to 40 metres in height follows the shore of the lake. The northeast section of the property is situated at the base of a large, steep hill rising over 540 metres above sea level.

There are several lakes on the property. The largest is Midlothian Lake which covers an approximate area of 366 hectares.

Outcrop exposure in many sections of the property is good. Outcrops are abundant in higher elevations and variable exposures in lower elevations. Overburden is generally shallow and consists of glacial till deposited by a glacier moving northwest to southeast.

Figure 3.
Location of Work

Notes: **Midlothian Lake Property**



Area of Work

0 0.68 km

Projection: Web Mercator



Regional and Local Geology

The Midlothian Lake Property is located in the Halliday Dome area within the western portion of the Abitibi Subprovince of the Superior Province. The Halliday Dome consists mainly of calc-alkaline felsic and intermediate volcanic rocks with minor quantities of iron formation and basaltic rocks of the Tisdale Assemblage, unconformably overlain by younger Kinojevis Assemblage rocks, which are in turn unconformably overlain by sedimentary rocks of the Porcupine Assemblage.

Midlothian Township is located on the southeast quadrant of the dome and consists of intermediate to felsic volcanics, flows and pyroclastics, "Temiskaming" sediments and a series of mafic to ultramafic sills. The Coleman Member of the Gowganda Formation lies unconformably on top of the Archean volcanics and sediments. It is thought that the Larder Lake Break extends beneath the Gowganda Formation west of Matachewan and continues through the south portion of Midlothian Township. Surrounding geology in the Bannockburn Township area describes Neoproterozoic-age calc-alkaline intermediate to felsic volcanic rocks, mafic volcanic rocks, komatiitic basalt to dunite, silicate to sulphide iron formation, gabbro intrusions, and a series of sedimentary rocks including diamictite, arkose, and conglomerate (Préfontaine and Berger, 2005). Proterozoic-age (Huronian Supergroup) sediments (Cobalt Group - Gowganda Formation), composed mainly of clastic metasedimentary rocks such as conglomerate, sandstone, wackes and argillite, unconformably overlie the Archean supracrustal assemblages.

The Elizabeth Lake area is underlain by conglomerates of the Midlothian Formation. Rock units strike east-west and dip steeply to the north. The conglomerates have been intruded by north trending diabase dikes. East of Elizabeth Lake, both the conglomerates and diabase are unconformably overlain by Huronian rocks consisting of conglomerates, argillite and greywacke of the Cobalt Group - Gowganda Formation.

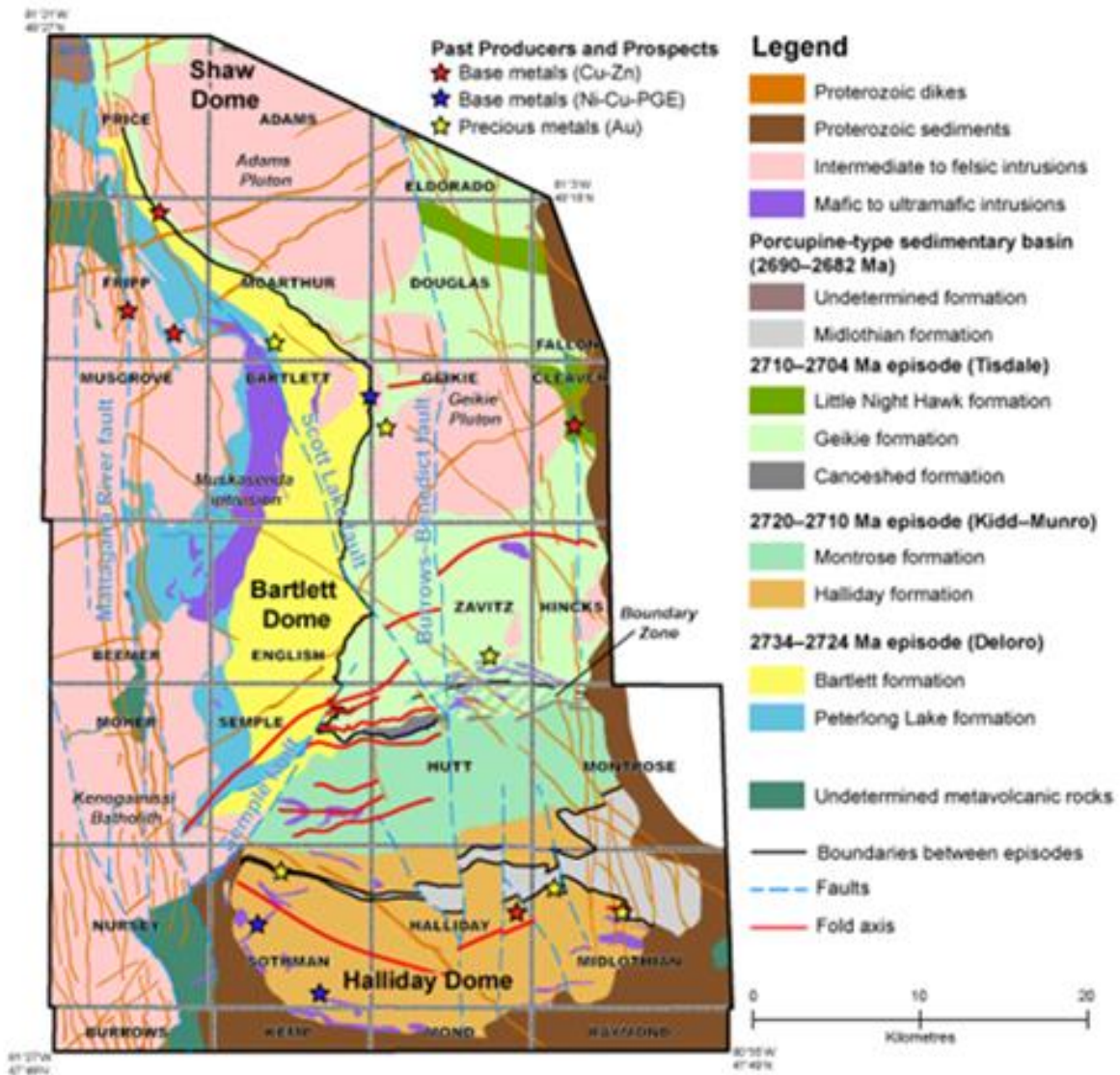


Figure 3. Schematic map of the study area depicting part of the Shaw Dome as well as the Bartlett and Halliday domes. The Bartlett and Halliday domes are further broken down into volcanic- and sediment-dominated episodes (assemblages) and formations. The green hatched pattern at the Zavitz–Hutt township boundary represents the boundary zone between the 2720–2710 Ma volcanic episode (Kidd–Munro) and the 2710–2704 Ma volcanic episode (Tisdale).

Figure 4. Regional Geology

Midlothian Lake Property
118 claims
2546 Ha

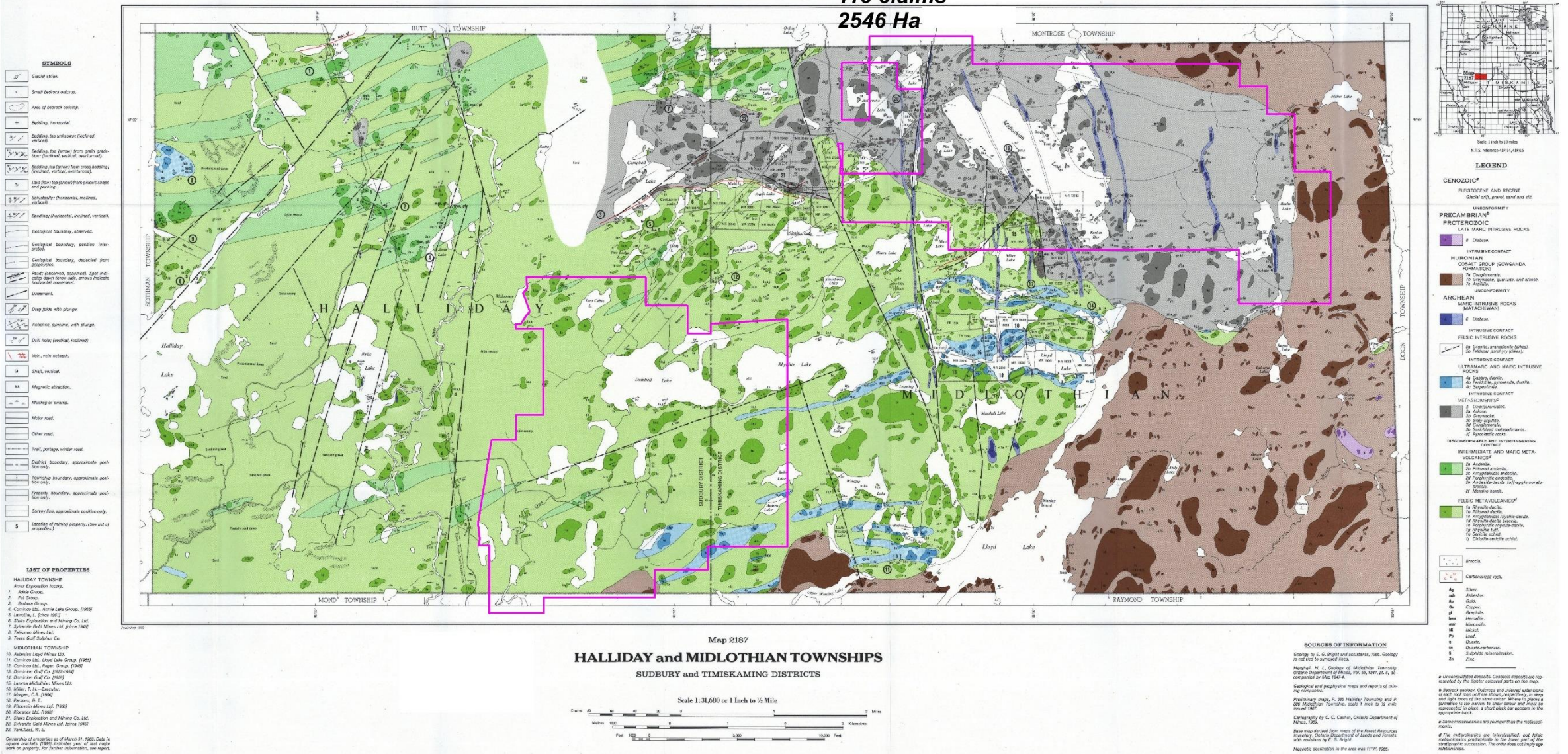


Figure 5.
Geology of Halliday and Midlothian Townships
ODM Map 2187

History of Exploration

Historic mineral exploration in Midlothian Township has occurred in several periods from as early as 1907 to present day. As a result, different sections of the property have been explored at various times. Historic exploration has led to the discovery of gold, copper, pyrite, graphite and marcasite on the property.

In 1947, H.I. Marshall produced a preliminary report for the Ontario Department of Mines detailing the geology of Midlothian Township. The township was mapped again in 1970 by E.G. Bright, also for the Ontario Department of Mines.

In 1944, gold was discovered between Midlothian Lake and Mitre Lake by Laroma Midlothian Mines Limited. Gold-bearing quartz veins were discovered in a "green carbonate" rock. The company drilled 17 holes for a total length of 7,214 feet. Subsequent overburden stripping in 1967 traced the green carbonate zone 2,000 feet along strike and ranging 250 to 350 feet wide. Quartz veins were noted in most areas and are particularly concentrated with gold in some areas. A large pit on current claim 549439, cell 41P15E081 is reported to have assayed 1.38 oz/t gold. A sample by the current property owners taken in September 2020 assayed 15.6 g/t gold (0.456 oz/t Au).

In 1944, H.I. Marshall noted veinlets and stringer of asbestos fibres in serpentinized ultramafic intrusive rocks in a zone 4,000 feet long by 200 feet wide on the north shore of the west arm area of Lloyd Lake. The mineralization eventually formed the United Asbestos Deposit and was mined briefly between 1975 to 1977 by Canadian Johns Manville Limited.

Gold mineralization in the Stairs Mine situated west of the property was discovered around 1944 and explored by Upper Canada Mines Limited and subsidiary, Sherwood Gold Mines. The property was acquired by the Stairs Exploration and Mining Company Limited in 1962 after it had resorted back to the Crown. Drilling outlined a gold-bearing quartz filled fracture zone measuring 350 feet in strike and 250 feet deep. Underground operations commenced in 1963. By 1965, the mine produced 2,764 oz. gold and 1,318 oz. silver from 11,952 tons of ore milled. The mine closed in 1967.

In 1946, during a visit to the Goodwin claims situated south of Elizabeth Lake, Marshall (1946) observed native gold in a quartz stringer cutting metasedimentary rocks on the west side of Elizabeth Creek.

In 1963, Pitchvein Mines Limited discovered copper in chalcopyrite and pyrite bearing quartz veins on the peninsula on the south shore of Midlothian Lake, current claims 549441 and 549442, cells 41P14H040 and 41P14H060.

In 1995 and 1996, WC International explored parts of Doon and Midlothian township's which included the area around Elizabeth Lake. Surveys included: airborne magnetics, geology, rock sampling and till sampling.

From 2008 to 2013, Pierre Vincent explored his claim block in the Elizabeth Lake area which included the Goodwin gold occurrence located south of the lake. He found areas of shearing and numerous quartz veins, some previously trenched by Goodwin in 1944. His worked led to the discovery of a gold-bearing quartz vein in cell 41P15E128, in the area immediately north of the Asbestos Mine Road and west of the property boundary.

Survey Dates and Personnel

Field work for this report was completed in 2 days: September 15, 2020 and June 13, 2021. The traverses were completed by: Jim Renaud of London, Ontario and author, Robert Dillman of Mount Brydges, Ontario.

Survey Logistics

Two traverses were initiated to prospect for gold-bearing quartz veins reported to occur in the area south of Elizabeth Lake. The traverses are plotted at a scale of 1 : 5,000 in Figure 6, Figure 7, and Figure 8. A total of 2.8 km was traversed.

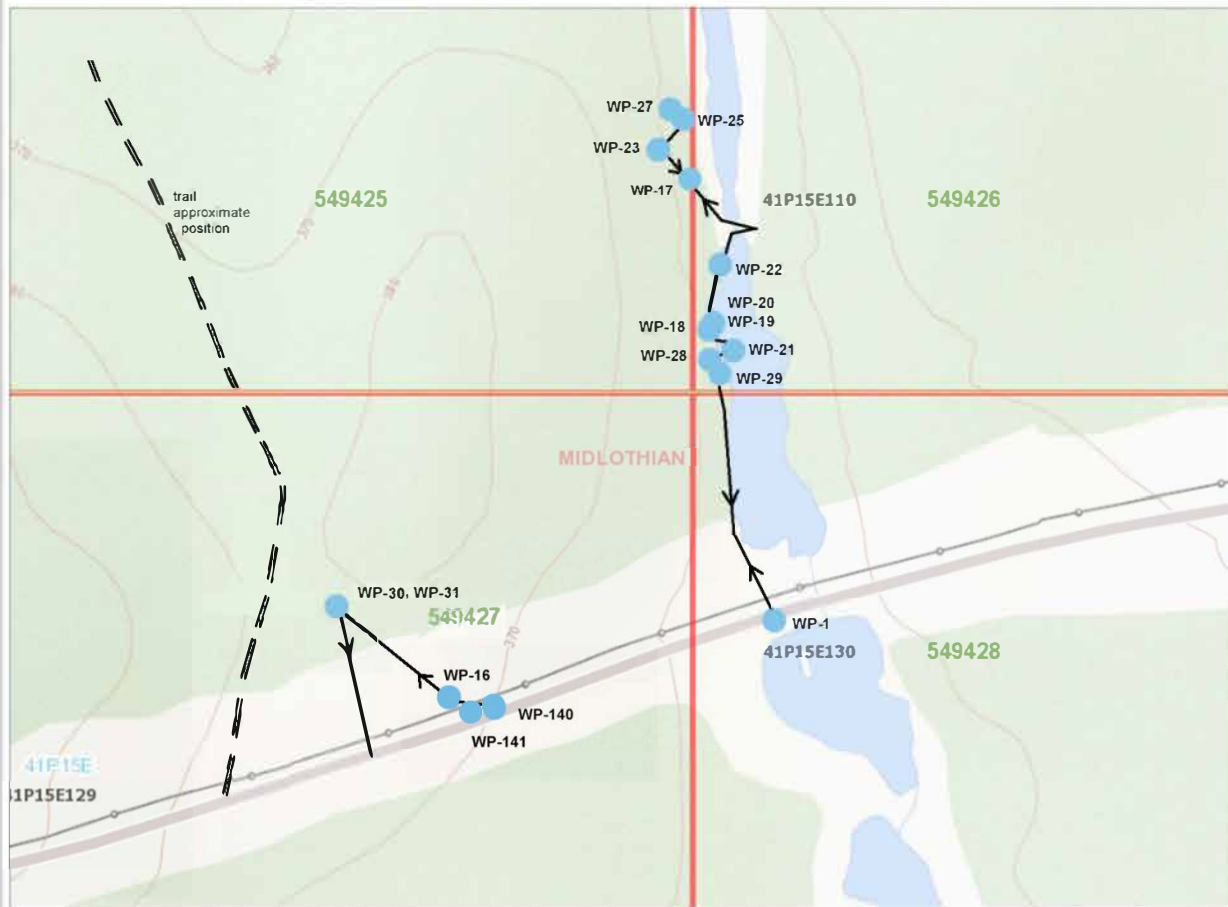
A compass and a Garmin GPS model GPSMAP 66st were used to navigate. The GPS unit was set to NAD83, Zone 17. Waypoints for each traverse were periodically recorded and are listed in Table 1.

Fifteen rock samples were collected during the traverses. Rock samples were delivered to AGAT Laboratory for analyses. The lab is in Mississauga, Ontario. All rock samples were Fire Assayed for gold using a 50 gram charge and finished by Inductively Coupled Plasma – Optical Emission Spectroscopy (ICP-OES) to measure the gold concentration. Assay certificates from the lab are appended to this report.

Rock sample locations, descriptions and assay results are also presented in Table 1 and plotted in Figure 8. Geology and surface features have been plotted on the accompanying map at a scale of 1 : 2,500.

Figure 6.
Traverse Map
September 15, 2020

Notes: Elizabeth Lake Area
Midlothian Lake Property



Legend

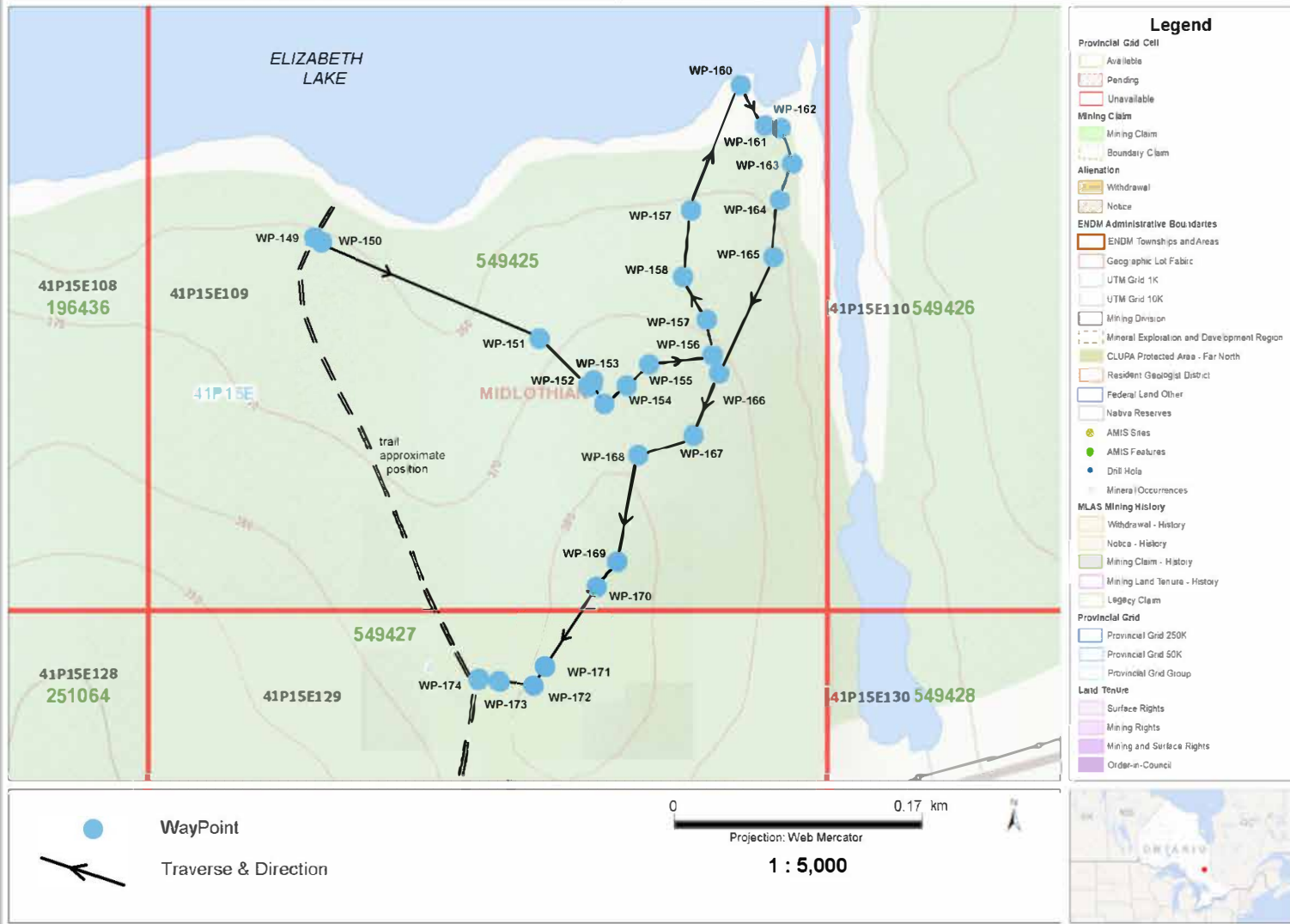
- Provincial Grid Cell**
 - Available
 - Pending
 - Unavailable
- Mining Claim**
 - Mining Claim
 - Boundary Claim
- Alienation**
 - Withdrawal
 - Notice
- ENDM Administrative Boundaries**
 - ENDM Townships and Areas
 - Geographic Lot Fabric
 - UTM Grid 1K
 - UTM Grid 10K
 - Mining Division
 - Mineral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

● WayPoint
 ↗ Traverse & Direction



Figure 7.
Traverse Map
June 13, 2021

Notes: Elizabeth Lake Area
Midlothian Lake Property



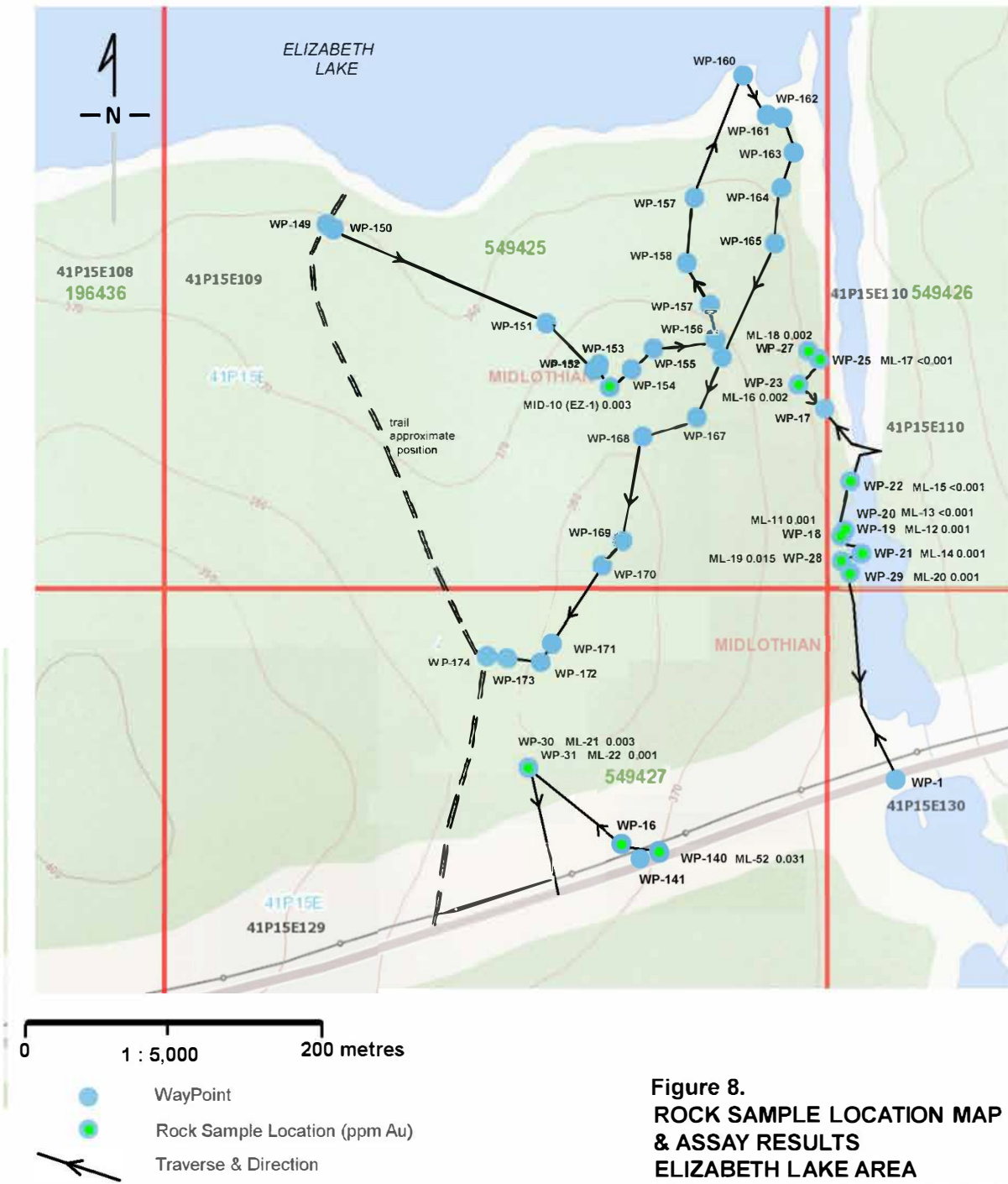


Figure 8.
ROCK SAMPLE LOCATION MAP
& ASSAY RESULTS
ELIZABETH LAKE AREA
MIDLOTHIAN LAKE PROPERTY

Table 1. Waypoint & Rock Sample Locations, NAD 83 Zone 17

Waypoint	Easting	Northing	Rock Sample Number	Assays Gold ppm	Notes
0001	504253	5304129			Asbestos Mine Road
0016	504061	5304085	ML-10	0.022	Asbestos Mine Road, Sheared conglomerate, FeC 1-2% py
0017	504208	5304398			Conglomerate
0018	504215	5304297	ML-11	0.001	Float, sheared conglomerate, FeC, 1% py
0019	504216	5304298	ML-12	0.001	Float, sheared conglomerate, FeC, 1% py
0020	504217	5304300	ML-13	<0.001	Float, sheared conglomerate, FeC, 1% py
0021	504228	5304285	ML-14	0.001	Sheared conglomerate, FeC strike 60°, dip 50° SE
0022	504220	5304334	ML-15	<0.001	Quartz-carb vein, 10 cm in conglomerate
0023	504185	5304400	ML-16	0.002	Stripped conglomerate with quartz-carbonate vein 0.35 m
0024	504184	5304400			conglomerate
0025	504199	5304418	ML-17	<0.001	Sheared quartz-carbonate in conglomerate
0026	504184	5304403			conglomerate
0027	504191	5304424	ML-18	0.002	Quartz-carb vein, 10 cm
0028	504211	5304279	ML-19	0.015	Loose rusty conglomerate with quartz-carbonate 1% py
0029	504220	5304270	ML-20	0.001	Loose conglom. with qtz-carb stringers 1% py weak FeC
0030	503994	5304137	ML-21	0.003	conglomerate with qtz-carb, 1% py, Tr. cpy str, 62° dip 60°SE
0031	503994	5304137	ML-22	0.001	Same as ML-21
0140	504087	5304078	ML-52	0.031	Asbestos Mine Road, Sheared conglomerate, FeC 1-2% py
0141	504059	5304072			Asbestos Mine Road, Sheared conglomerate, FeC 1-2% py
0149	503851	5304511			End of Elizabeth Lake, till, cedars
0150	503856	5304508			Till, cedars
0151	504006	5304431			Till, NW facing slope, spruce, birch
0152	504040	5304410			Conglomerate, strike 45°, dip 80° SE
0153	504043	5304412			Conglomerate, small trench
0154	504066	5304411			conglomerate
EZ 1	504051	5304399	MID-10	0.003	Float, several pieces 30x15x10 cm qtz-carb, trace malachite
0155	504082	5304425			Conglomerate, strike 46°, dip 86° SE
0156	504125	5304432			Conglomerate, slope east
0157	504121	5304456			Slope north, till
0158	504105	5304485			Slope north, till
0159	504110	5304529			Slope north, till
0160	504144	5304613			Point, no outcrop
0161	504161	5304586			Conglomerate, small trench
0162	504172	5304585			conglomerate
0163	504180	5304561			conglomerate
0164	504171	5304536			Conglomerate, large outcrop, steep slope east
0165	504167	5304498			Conglomerate, large outcrop, top of cliff facing east
0166	504130	5304420			Conglomerate, small trench
0167	504112	5304378			conglomerate
0168	504075	5304365			Conglomerate, top of hill
0169	504060	5304293			Conglomerate, along east side of north-south lineament
0170	504046	5304276			Conglomerate, along west side of north-south lineament
0171	504010	5304223			Conglomerate, outcrop? Spruce, birch, balsam
0172	504011	5304224			Conglomerate, outcrop? Spruce, birch, balsam
0173	504003	5304212			Conglomerate with FeC, possible small trench
0174	503978	5304213			Conglomerate with FeC, top of west facing slope
0175	503965	5304212			Elizabeth Lake trail, base of slope



Figure 9. Pictures of Rock Samples



West side of Elizabeth Creek



Sample ML-12



Sample ML-13



Sample ML-14



Sample ML-23

Figure 10. Rock Sample Sites

Survey Results

The area prospected south of Elizabeth Lake has mature forest, abundant outcrop and thin till cover. Outcrops in the area predominately consist of the pebbled, polymictic matrix supported conglomerate of the Midlothian formation. The best exposures of bedrock occur proximal to Elizabeth Creek. On the west side of the creek, outcrops are variably sheared and moderately carbonated with ankerite. Outcrops strike 60-62° and dip 50-60° to the southeast. Further west, outcrops appear to strike more towards the north and carbonate alteration is less prevalent. A diabase dike outcrops on the east side of the creek. The dike strikes north-south and follows the creek lineament. It is possible the lineament follows a fault.

Pyrite, nodules of marcasite and quartz – carbonate veins occur in the conglomerate units along the west side of the creek. Most of the quartz-carbonate veins are barren of sulphides or mineralized with trace sulphides at best. Minor malachite was observed in pieces of quartz-carbonate vein material of sample MID-10. Unfortunately, assays were disappointing for all samples collected along the west side of the creek. The best gold assays were obtained from pyrite-marcasite mineralization in a conglomerate outcrop exposed in the road bed of the Asbestos Mine Road at 504087mE, 5304078mN. Samples ML-10 and ML-52 assayed 0.022 ppm Au and 0.031 ppm Au, respectively.

Discussion of Results

Shearing, alteration, quartz-carbonate veining and sulphide mineralization exposed in outcrops south of Elizabeth Lake are possibly associated with the western extension of the Cadillac – Larder Break. This structure potentially extends through the southeast section of the property. The area between the discoveries of Goodwin and Vincent has good outcrop exposure, shallow overburden, and favourable geology for additional areas of gold mineralization to occur.


Conclusions and Recommendations

The area south of Elizabeth Lake is favorable for the discovery of new zones of gold mineralization. Outcrop exposure is good and additional exploration is warranted in the area. It is recommended the southeast section of the property around Elizabeth Lake be geologically mapped and prospected in detail. This work could be accompanied by a soil survey.

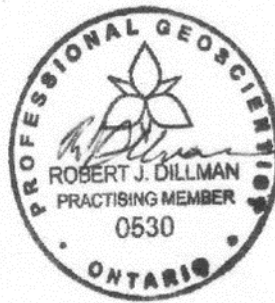
An estimated cost for the surveys is \$38,000. A budget for the proposed work is:

Geological mapping & prospecting	\$20,000
Rock Assays	5,500
Soil Survey	7,500
Soil Assays	<u>5,000</u>
	\$38,000

Respectfully Submitted,



Robert James Dillman **P.Ge**
Arjadee Prospecting



Robert Dillman B.Sc. P.Ge.

December 12, 2021

References

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- Vincent, P. 2008.** Geological Report On Claim No 4202099 Midlothian Township, Ontario. Unpublished assessment report: 20005361

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ARJADEE PROSPECTING
8901 Reily Drive, Mount Brydges, Ontario, Canada, N0L1W0
Phone/ fax (519) 264-9278

CERIFICATE of AUTHOR

I, Robert J. Dillman, Professional Geologist, do certify that:

1. I am the President and the holder of a Certificate of Authorization for:

ARJADEE PROSPECTING
8901 Reily Drive, Mount Brydges, Ontario, Canada N0L1W0

2. I graduated in 1991 with a Bachelor of Science Degree in Geology from the University of Western Ontario.

3. I am an active member of:

Professional Geoscientists of Ontario, PGO
Prospectors and Developers Association of Canada, PDAC

4. I have been a licensed Prospector in Ontario since 1984.

5. I have worked continuously as a Professional Geologist for 30 years.

6. Unless stated otherwise, I am responsible for the preparation of all sections of the Assessment Report titled:

REPORT ON PROSPECTING TRAVRSSES MIDLOTHIAN LAKE PROPERTY: ELIZABETH LAKE AREA
LARDER LAKE MINING DIVISION, MIDLOTHIAN TOWNSHIPS, ONTARIO
dated, December 12, 2021

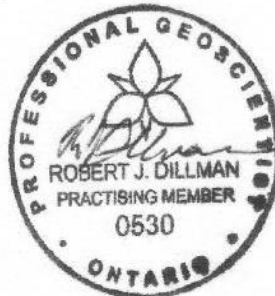
7. I am not aware of any material fact or material change with respect to the subject matter of the Assessment Report that is not contained in the Assessment Report and its omission to disclose makes the Assessment Report misleading.

Dated this 12th day of December 2021



Robert James Dillman
Arjadee Prospecting

P.Ge



CLIENT NAME: ROBERT DILLMAN
8901 REILY DRIVE
MOUNT BRIDGES, ON N0L 1W0
519-264-8278

ATTENTION TO: ROBERT DILLMAN

PROJECT: Milk-Urian

AGAT WORK ORDER: 20T658893

SOLID ANALYSIS REVIEWED BY: Sherin Moussa, Senior Technician

DATE REPORTED: Nov 04, 2020

PAGES (INCLUDING COVER): 11

Should you require any information regarding this analysis please contact your client services representative at (905) 501-9998

*NOTES

Elizabeth Lake Samples
ML-10 to ML-22, ML-52

All samples are stored at no charge for 90 days. Please contact the lab if you require additional sample storage time.



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 20T658893
PROJECT: Midlothian

5525 McBRAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL: (905) 801-9958
FAX: (905) 801-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2020 DATE RECEIVED: Oct 02, 2020 DATE REPORTED: Nov 04, 2020 SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Login Weight	Unit:	RDI:
ML-1 (1510262)		1.8878	kg	D.01
ML-2 (1510265)		1.8703		
ML-3 (1510266)		2.4444		
ML-4 (1510267)		2.4539		
ML-5 (1510268)		1.3933		
ML-6 (1510263)		1.8404		
ML-7 (1510270)		1.9479		
ML-8 (1510271)		1.9947		
ML-9 (1510272)		2.6661		
ML-10 (1510273)		0.3319		
ML-11 (1510274)		0.4137		
ML-12 (1510275)		1.1501		
ML-13 (1510276)		1.8793		
ML-14 (1510277)		2.0276		
ML-15 (1510278)		2.0442		
ML-16 (1510279)		2.5123		
ML-17 (1510280)		2.2099		
ML-18 (1510281)		1.8629		
ML-19 (1510282)		2.0634		
ML-20 (1510283)		1.5745		
ML-21 (1510284)		1.8476		
ML-22 (1510285)		0.5288		
ML-23 (1510286)		1.3963		
ML-24 (1510287)		1.1463		
ML-25 (1510288)		1.9677		
ML-26 (1510289)		2.0501		
ML-27 (1510290)		2.0415		
ML-28 (1510291)		0.3661		
ML-29 (1510292)		2.2187		
ML-30 (1510293)		1.0119		
ML-31 (1510294)		1.1802		

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T658893
 PROJECT: Middlethian

5625 MIDLAND ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL: (905) 801-9998
 FAX: (905) 801-0559
 http://www.agatlabs.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(200-) Sample Login Weight

DATE SAMPLED: Oct 01, 2020 DATE RECEIVED: Oct 02, 2020 DATE REPORTED: Nov 04, 2020 SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte	Sample Login Weight	Unit	RDL
ML-32 (1510295)		2.0366	kg	0.01
ML-33 (1510296)		1.1106		
ML-34 (1510297)		0.6618		
ML-35 (1510298)		1.3149		
ML-36 (1510299)		0.5769		
ML-37 (1510300)		1.5537		
ML-38 (1510301)		2.2511		
ML-39 (1510302)		1.1628		
ML-40 (1510303)		2.3461		
ML-41 (1510304)		2.6463		
ML-42 (1510305)		2.2423		
ML-43 (1510306)		0.9147		
ML-44 (1510307)		2.7405		
ML-45 (1510308)		1.6197		
ML-46 (1510309)		1.0768		
ML-47 (1510310)		1.8423		
ML-48 (1510311)		0.6544		
ML-49 (1510312)		1.7742		
ML-50 (1510313)		1.2844		
ML-51 (1510314)		2.0646		
ML-52 (1510315)		1.7463		

Comments: RDL - Reported Detection Limit
 Analysis performed at AGAT 5625 Midland Rd., Mississauga, ON (Unless marked by *)

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 20T658893
PROJECT: Midlothian

5623 MADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL (905) 801-9599
FAX (905) 801-0589
http://www.agatlab.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(202-121) Fire Assay - Metallic Gold - ICP Finish (1000g)

DATE SAMPLED: Oct 01, 2020	DATE RECEIVED: Oct 02, 2020	DATE REPORTED: Nov 04, 2020	SAMPLE TYPE: Rock									
Sample ID (AG-TID)	Unit	Sample Legn Weight	Sample Weight (+)	Sample Weight (-)	Au Assay (+) Fraction 1	Au Assay (+) Fraction 2	Au Assay (+) Fraction 3	Au Assay (+) Fraction 4	Au Assay (+) Fraction 5	Au Assay (-) Fraction 1	Au Assay (-) Fraction 2	Total Au
	RDL:	g	g	g	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/g
ML-47 (151031C)		1000	100	806	0.183	0.256	-	-	-	0.493	0.560	0.496
ML-60 (151031C)		0.9670	0.9	0.06	0.4	134	-	-	-	3.19	4.04	14.6

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT 5623 Madam Rd., Mississauga, ON (Units marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T658893

PROJECT: Midlothian

9528 MIDLAND ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL: (905)901-9998
 FAX: (905)901-0589
 http://www.agatlabs.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(202-552) Fire Assay - Trace Au. ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2020	DATE RECEIVED: Oct 02, 2020	DATE REPORTED: Nov 04, 2020	SAMPLE TYPE: Rock
	Analyte: Au		
	Unit: ppm		
	RDL:	0.001	
Sample ID (AGAT ID)			
ML-1 (1510264)		0.003	
ML-2 (1510265)		0.001	
ML-3 (1510266)		0.002	
ML-4 (1510267)		0.003	
ML-5 (1510268)		0.002	
ML-6 (1510263)		0.004	
ML-7 (1510270)		0.027	
ML-8 (1510271)		0.026	
ML-9 (1510272)		0.002	
ML-10 (1510273)		0.022	
ML-11 (1510274)		0.001	
ML-12 (1510275)		0.001	
ML-13 (1510276)		-0.001	
ML-14 (1510277)		0.001	
ML-15 (1510278)		-0.001	
ML-16 (1510279)		0.002	
ML-17 (1510280)		-0.001	
ML-18 (1510281)		0.002	
ML-19 (1510282)		0.015	
ML-20 (1510283)		0.001	
ML-21 (1510284)		0.003	
ML-22 (1510285)		0.001	
ML-23 (1510286)		0.002	
ML-24 (1510287)		0.002	
ML-25 (1510288)		0.002	
ML-26 (1510289)		-0.001	
ML-27 (1510290)		-0.001	
ML-28 (1510291)		0.003	
ML-29 (1510292)		0.001	
ML-30 (1510293)		-0.001	
ML-31 (1510294)		0.001	
ML-32 (1510295)		0.001	

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 20T658893
PROJECT: Middlethian

5628 MIDLAND ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL: (905) 801-9956
FAX: (905) 801-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Oct 01, 2020 DATE RECEIVED: Oct 02, 2020 DATE REPORTED: Nov 04, 2020 SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Au
	Unit:	ppm
	RDL:	0.001
ML-33 (1510296)		0.001
ML-34 (1510297)		0.001
ML-35 (1510298)		0.002
ML-36 (1510299)		0.003
ML-37 (1510300)		0.006
ML-38 (1510301)		0.007
ML-39 (1510302)		0.018
ML-40 (1510303)		0.002
ML-41 (1510304)		0.006
ML-42 (1510305)		0.006
ML-43 (1510306)		0.377
ML-44 (1510307)		0.010
ML-45 (1510308)		0.074
ML-46 (1510309)		0.108
ML-47 (1510310)		0.527
ML-48 (1510311)		0.074
ML-49 (1510312)		0.072
ML-50 (1510313)		> 10
ML-51 (1510314)		0.103
ML-52 (1510315)		0.031

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5628 Midland Rd., Mississauga, ON (Unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 20T658893
PROJECT: Midlothian

5625 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL: (905) 801-9998
FAX: (905) 801-0589
http://www.agatlabs.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

Sieving - % Passing (Crushing)

DATE SAMPLED: Oct 01, 2020 DATE RECEIVED: Oct 02, 2020 DATE REPORTED: Nov 04, 2020 SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample ID (AGAT ID)	RDL:
ML-1 (15102E4)	78.34

Comments: RDL - Reported Detection Limit

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

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 20T58893

PROJECT: Midlothian

5625 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1N9
TEL: (905) 801-9998
FAX: (905) 801-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Oct 01, 2020 DATE RECEIVED: Oct 02, 2020 DATE REPORTED: Nov 04, 2020 SAMPLE TYPE: Rock

Analyte:	Pass %
Unit:	%
Sample D (AGAT ID)	0.01
ML-1 (12-11022)	wt. 9

Comments: RDL - Reported Detection Limit

Analysis performed at AGAT 5625 McAdam Rd., Mississauga, ON (Unless marked by *)

Certified By:



Quality Assurance - Replicate

AGAT WORK ORDER: 20T658893

PROJECT: Midlothian

3626 MERIDIAN RD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL: (905) 811-9888
 FAX: (905) 811-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	Sample ID	REPLICATE #1			REPLICATE #2			REPLICATE #3							
		Original	Replicate	RPD	Sample ID	Original	Replicate	RPD	Sample ID	Original				Replicate	RPD
Au	1510264	0.003	0.003	0.0%	1510278	< 0.001	< 0.001	0.0%	1510303	0.002	0.002	0.0%			



Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 20T658893

PROJECT: Midlothian

5626 MIDLAND ROAD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N9
 TEL: (905) 801-9999
 FAX: (905) 801-0589
<http://www.agatlabs.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	CRM #1 (ref.GSP6C)				CRM #2 (ref.GS7f)										
	Expect	Actual	Recovery	Limits	Expect	Actual	Recovery	Limits							
Au	D.767	D.746	97%	60% - 110%	6.9	5.8	93%	90% - 110%							



Method Summary

CLIENT NAME: ROBERT DILLMAN
PROJECT: Midlothian
SAMPLING SITE:

AGAT WORK ORDER: 20T658893
ATTENTION TO: ROBERT DILLMAN
SAMPLED BY:

PARAMETER	AGAT S.O.P	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Log in Weight	MIN-1200 B		BALANCE
Sample Weight (+)	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	BALANCE
Sample Weight (-)	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	BALANCE
Au Assay (+) Fraction 1	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Au Assay (+) Fraction 2	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Au Assay (+) Fraction 3	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Au Assay (+) Fraction 4	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Au Assay (+) Fraction 5	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Au Assay (-) Fraction 1	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Au Assay (-) Fraction 2	MIN-200-12040	Johnson, W.: Laboratory Sampling of Geological Mat	C.P.O.E.S
Total Au	MIN-200-12040		N/A
Au	MIN-1200 & MIN-1200 4		C.P.O.E.S
Pass %			BALANCE



CLIENT NAME: ROBERT DILLMAN
8801 RELY DRIVE
MOUNT BRIDGES, OH 45011
615-264-9278

ATTENTION TO: ROBERT DILLMAN JIM RENAUD
PROJECT:

AGAT WORK ORDER: 21T767136

SOLID ANALYSIS REVIEWED BY: Jeffrey Xiong, Lab Team Lead

DATE REPORTED: Aug 16, 2021

PAGES (INCLUDING COVER): 8

Should you require any information regarding this analysis please contact your client services representative at (937) 501-9008

Notes:

Elizabeth Lake Sample

MID-10

Disclaimer:

- All work conducted herein has been done using accepted standard protocols and generally accepted practices and methods. AGAT test methods may vary slightly in accordance with the specific requirements of the client.
- All samples will be analyzed within 30 days following receipt, unless expressly agreed otherwise in writing. (Please contact your Client Project Manager if you require additional sample storage time)
- AGAT will not be responsible for any delay, problems or non-performance of these services if any party fails to follow the instructions for sample collection, storage, handling, or analysis, unless expressly agreed otherwise in writing. AGAT's liability is limited to the actual cost of the specific analytical analysis included in the services.
- This Certificate should not be construed as a warranty in any way without the written approval of the laboratory.
- This report is provided here with results only to the samples as received by the laboratory.
- Noa statement of warranty is not taken into consideration when dealing with a specific requirement.
- Application of methods is provided as is without warranty of any kind unless represented in writing, including but not limited to, the accuracy of measurements, fitness for a particular purpose, or non-infringement. AGAT assumes no responsibility for any errors or omissions in the guidelines contained in this document.
- All analytical information as specified by ISO/IEC 17025:2017 is available from AGAT Laboratories upon request.



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21T787136

PROJECT:

5623 McADAM ROAD
MISSISSAUGA, ONTARIO
CANADA L4Z 1R4
TEL: (905) 601-0688
FAX: (905) 601-0688
http://www.agat-lab.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN, JIM RENAUD

(200+) Sample Login Weight

DATE SAMPLED: Jun 27, 2021 DATE RECEIVED: Jun 28, 2021 DATE REPORTED: Aug 16, 2021 SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Sample Weight
	Unit:	kg
	RDL:	0.005
MD-1 (2668411)		1.28
MD-2 (2668415)		1.50
MD-3 (2668418)		1.82
MD-4 (2668417)		1.60
MD-5 (2668419)		2.47
MD-8 (2668410)		2.86
MD-7 (2668420)		1.44
MD-9 (2668421)		1.56
MD-6 (2668422)		2.83
MD-10 (2008425)		2.95

Comments: KUL - K600 had Detection Limit
Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



AGAT Laboratories

Certificate of Analysis

AGAT WORK ORDER: 21T767136

PROJECT:

5023 McADAM ROAD
MISSISSAUGA, ONTARIO
L4X 1L7
TEL: (905) 891-9558
FAX: (905) 891-9558
http://www.agatlab.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN, JIM RENAUD

(202-552) Fire Assay - Trace Au. ICP-OES finish (50g charge) (ppm)

DATE SAMPLED: Jun 27, 2021	DATE RECEIVED: Jun 28, 2021	DATE REPORTED: Aug 16, 2021	SAMPLE TYPE: Rock
Analysed:	Au		
Unit:	ppm		
Sample ID (AGAT ID):	RDI:	0.001	
M-D-1 (20C8411)		0.048	
M-D-2 (26E8415)		0.011	
M-D-5 (26E8418)		3.87	
M-D-1 (28A8417)		0.077	
M-D-5 (26E8410)		0.006	
M-D-8 (26E8410)		0.446	
M-D-7 (28A8420)		0.013	
M-D-0 (26E8421)		0.034	
M-D-9 (26E8422)		0.037	
M-D-10 (28A8423)		0.016	

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT 5523 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By: _____



Certificate of Analysis

AGAT WORK ORDER: 21T767196

PROJECT:

5523 MCADAM ROAD
MISSISSAUGA, ON L4X 1A1
CANADA L4Z 1N6
TEL: (905) 874-9338
FAX: (905) 874-9339
<http://www.agatlab.com>

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN, JIM RENAUD

Sieving - % Passing (Crushing)

DATE SAMPLED: Jun 27, 2021 DATE RECEIVED: Jun 28, 2021 DATE REPORTED: Aug 10, 2021 SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte:	Crush-Pass %	RUL:	%
M 2-1 (26604 14)			0.01	77.25

Comments: RDL - Reported Detection Limit
Analysis performed at AGAT 5623 McAdam Rd., Mississauga, ON (unless marked by *)

Certified By:



Certificate of Analysis

AGAT WORK ORDER: 211767135

PROJECT:

5422 McADAM ROAD
WISSEBAUGH, ONTARIO
CANADA L4V 1N1
TEL: (905) 501-8998
FAX: (905) 501-0368
http://www.agatlab.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN, JIM RENAUD

Sieving - % Passing (Pulverizing)

DATE SAMPLED: Jun 27, 2021 DATE RECEIVED: Jun 28, 2021 DATE REPORTED: Aug 16, 2021 SAMPLE TYPE: Rock

Sample ID (AGAT ID)	Analyte: Pul-Pass %	Unit: %
MID-1 (2300444)	ROI: 0.01	99.50

Comments: ROI Reported Reduction Limit

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

Certified By:



AGAT Laboratories

Quality Assurance - Replicate

AGAT WORK ORDER: 21T767136

PROJECT:

5525 MCDONALD
 MISSISSAUGA, ONTARIO
 CANADA L4Z 1N6
 TEL: (905) 810-0550
 FAX: (905) 810-0550
 http://www.agatlab.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN, JIM RENAULT

(202-552) Fire Assay - Trace Au, ICP-MS finish (50g charge) (ppm)

Parameter	Sample ID	REPLICATE #1		RSD				
		Original	Replicate					
Au	2009414	0.023	0.027					



AGAT Laboratories

Quality Assurance - Certified Reference materials

AGAT WORK ORDER: 211767136

PROJECT:

1520 MCALPIN BLVD
MISSISSAUGA, ONT. L4R 1N8
CANADA
TEL: (905) 411-5551
FAX: (905) 411-4129
http://www.agatlab.com

CLIENT NAME: ROBERT DILLMAN

ATTENTION TO: ROBERT DILLMAN, JIM RENAUD

(202-552) Fire Assay - Trace Au, ICP-OES finish (50g charge) (ppm)

Parameter	Expected	CRM #1414 (GSK)		Limits					
		Actual	Recovery						
Au	7.08	6.95	98%	80% - 110%					



Method Summary

CLIENT NAME: **ROBERT DILLMAN**

AGAT WORK ORDER: **21T767136**

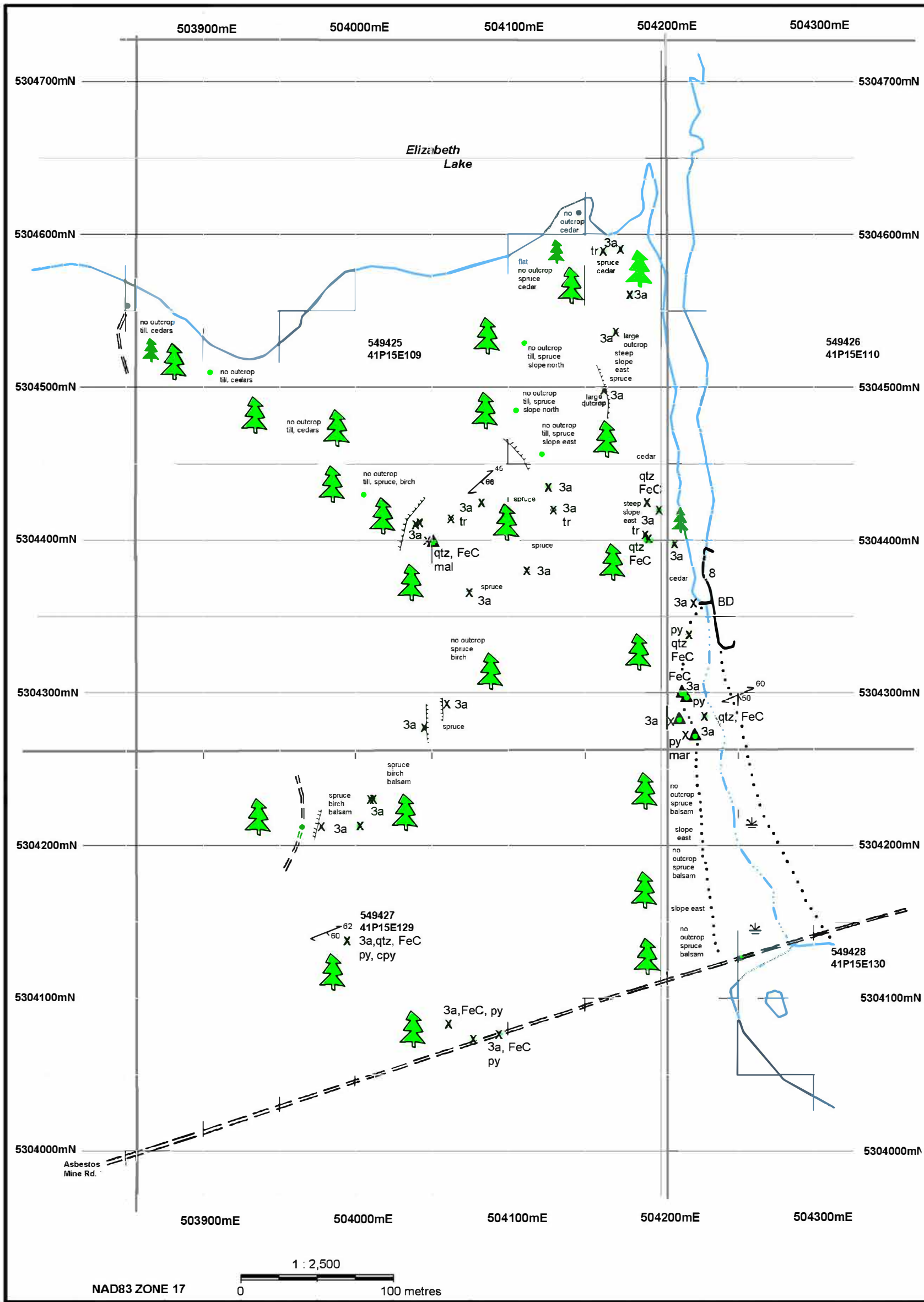
PROJECT:

ATTENTION TO: **ROBERT DILLMAN, JIM RENAUD**

SAMPLING SITE:

SAMPLED BY:

PARAMETER	AGAT S.O.P.	LITERATURE REFERENCE	ANALYTICAL TECHNIQUE
Solid Analysis			
Sample Weigh Weight	MIN-12009		BALANCE
Au	MIN-12006, MIN-12001		ICP/OES
Crush-Pass %			BALANCE
Pul-Pass %			BALANCE



Legend

- X O Outcrop
- 8 Diabase
- 3a Conglomerate
- tr Trench, stripped area
- qtz quartz
- FeC Iron carbonate alteration
- py pyrite
- mal malachite
- cpy chalcopyrite
- ▲ float, loose, boulder
- Large Trees
- Small Trees
- GPS Waypoint
- Higher ground
- Claim Line
- Road, trail
- BD beaver dam
- swamp, wet area

Geology Map: Elizabeth Lake Area	
Midlothian Lake Property	
Midlothian Twp., Ontario	
Survey By: RJD, JR	Map By: RJD
Survey Date: September 2020 June 2021	Scale: 1 : 2,500