Ontario

We are committed to providing accessible customer service.
If you need accessible formats or communications supports, please contact us.

Nous tenons à améliorer l’accessibilité des services à la clientèle.
Si vous avez besoin de formats accessibles ou d’aide à la communication, veuillez nous contacter.

REPORT ON THE 2019 RAINGOLD SAMPLING

PROGRAM ON THE WOCO GOLD PROJECT WITHIN THE UCHI LAKE GOLD

CORRIDOR OF ARGO GOLD INC.

Woco Gold Project, Uchi Lake Area, Earngey Township
Red Lake Mining Division (old KRL)

UTM Zone 15, E 527627, 5656165 (All GPS Positions reported using Map Datum NAD 83)
NTS 52N/2
Claim Map; Earngey Township, Ontario.

Work Carried out Between;	**August 15, 2019 to August 18, 2019**
Report Completed;	**April 28, 2020**
Authored by;	**William C. Kerr, P.Geo (Ont, # 0120) for Recorded Holder Argo Gold Inc.**

Table of Contents

List of Maps

List of Appendices

REPORT ON THE 2019 RAINGOLD SAMPLING PROGRAM ON THE WOCO GOLD PROJECT WITHIN THE UCHI LAKE GOLD CORRIDOR OF ARGO GOLD INC.

Introduction and Summary

This report covers a sampling programme that took place at the end of a biogeochemical sampling programme in July 2019, which was previously submitted for assessment credit. The objective of this investigation was the RainGold high-grade gold showing, which had not been sampled since the 1930's. All the information herein is presented sequentially in accordance with Technical Standards for Reporting Work Under the Provisions of the Mining Act, R.S.O. 1990, version July 5, 2018, and subsection **3.0 TAKING SAMPLES FOR PURPOSES OF GEOSCIENCE WORK.**

The names of the personnel were as follows;

Timothy Shiels
William Kerr
Gilles Robert

The purpose of the work was to locate the reported Raingold pits/trenches, which were reported by Thompson (1938) to carry high grade gold values, and then sample any pits/trenches to validate the previously reported results. In 1937, work on the Raingold prospect was reported. The Raingold was an 1,100 foot system of individual pits in sheared basalts and rhyolites that reportedly assayed, in 1937, over 10 g/t over 2 metres for 110 metres length, and is located in the northwest part of the Argo claim group.

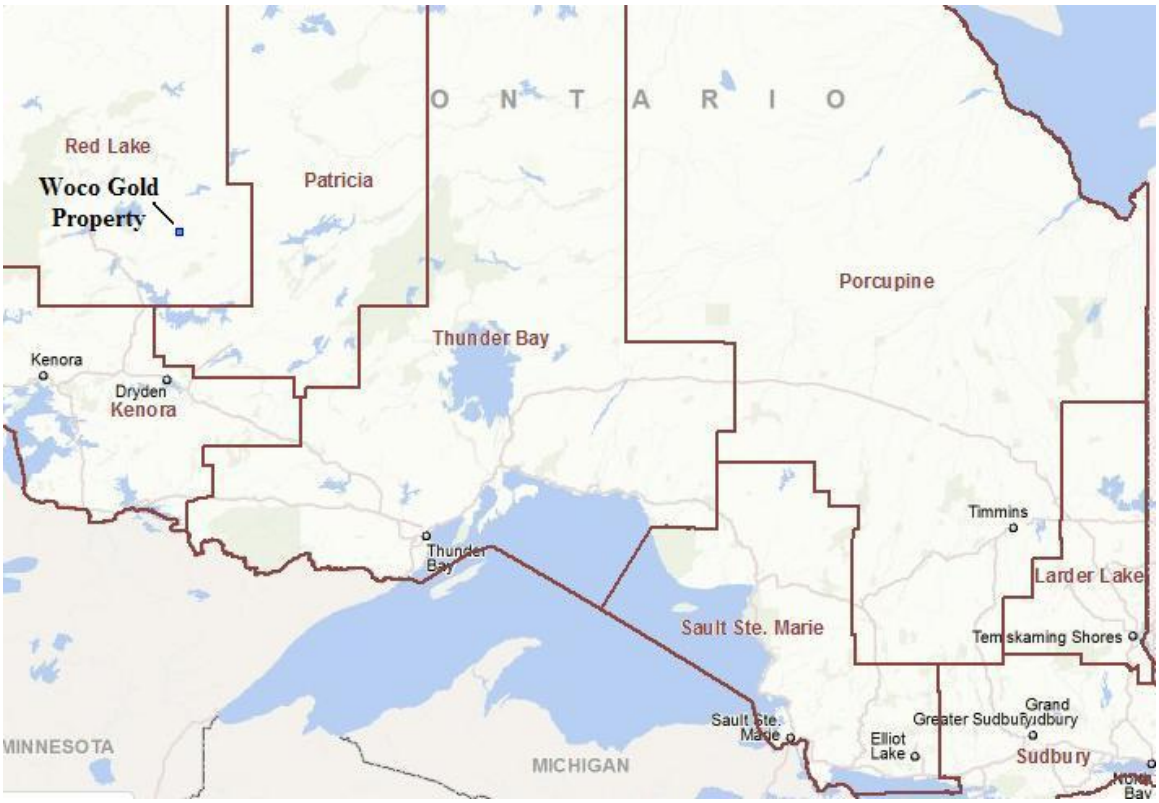
The mining lands where the work was performed are owned by Argo Gold Inc, and more specifically are patented land, colloquially known as the Geisler Patents. All work was carried out on two contiguous patents, being PAT-7526 and PAT-7527.

All work was performed for Argo Gold Inc., the recorded holder of the mining claims referenced herein, and all positioning were in UTM coordinates, Zone 15, NAD 83.

Location and Access

Uchi Lake is located northwest of Thunder Bay, approximately 85 air kilometres east of Cochenour and 65 kilometres NE of Ear Falls, Ontario. The Woco Gold Prospect is located west of Uchi Lake at the south end of a series of historical gold mines (the Uchi Mine group) on a north-south trend. The Woco prospect is west of the NE trending Uchi Lake Deformation Zone that straddles Uchi Lake and is part of the Uchi Lake Gold Corridor. See Map 1 for general location.

Map 1 General Location Map



Access is by float plane to Uchi Lake from Red Lake or Earl Falls and then about a kilometre cross-country. The property is also ground accessible via the South Bay Mine road and then east along a winter road that follows an Ontario Hydro power transmission line to the Uchi Gold Mine from which the Woco Prospect can be accessed on foot about 1.5 km to the south. This active power line connects the town of Pickle Lake to the generating station at Ear Falls. This trail also goes east to the Uchi Lake landing. All the Hydro and Uchi Mine trail systems were saw cleared by the author during this and prior programs, so ATV's and snowmobile access is now possible from either the South Bay Mine Road or the Uchi Lake landing.

Map 2, Property Location Map

All work was completed under Exploration Permit PR-17-11190 issued by Minerals Development and Lands Branch of MNDM.

Maps

Maps 3, 4, and 5 display sample locations on a Google Earth Background

Daily Log

The Daily Log is presented herein as Appendix I. A geologic overview follows;

In 1937, work on the Raingold prospect was reported. The Raingold was a 1,100 foot system of individual pits in sheared basalts and rhyolites that reportedly assayed, in 1937, over 10 g/t over 2 metres for 110 metres length, and is located in the northwest part of the Argo claim group. From the current investigation, these pits are all located at the east margin of a north south trending rhyolitic "whalesback" where it meets the softer basalts, and are all generally about 2 metres square and roughly 1 to 2 metres deep. South of the Raingold, the vein continues and, also in 1937, was worked by the Millberry syndicate where it was drilled by four holes for a length of some 400 metres with similar assays. The Raingold, therefore, is at least 700 metres in strike length with a possible further 400 metres to the north, making it over 1 km in length. The north-south striking Raingold is a typical shear hosted tourmaline-bearing quartz vein at the contact between basalts and more felsic rocks.

Total Sample Numbers

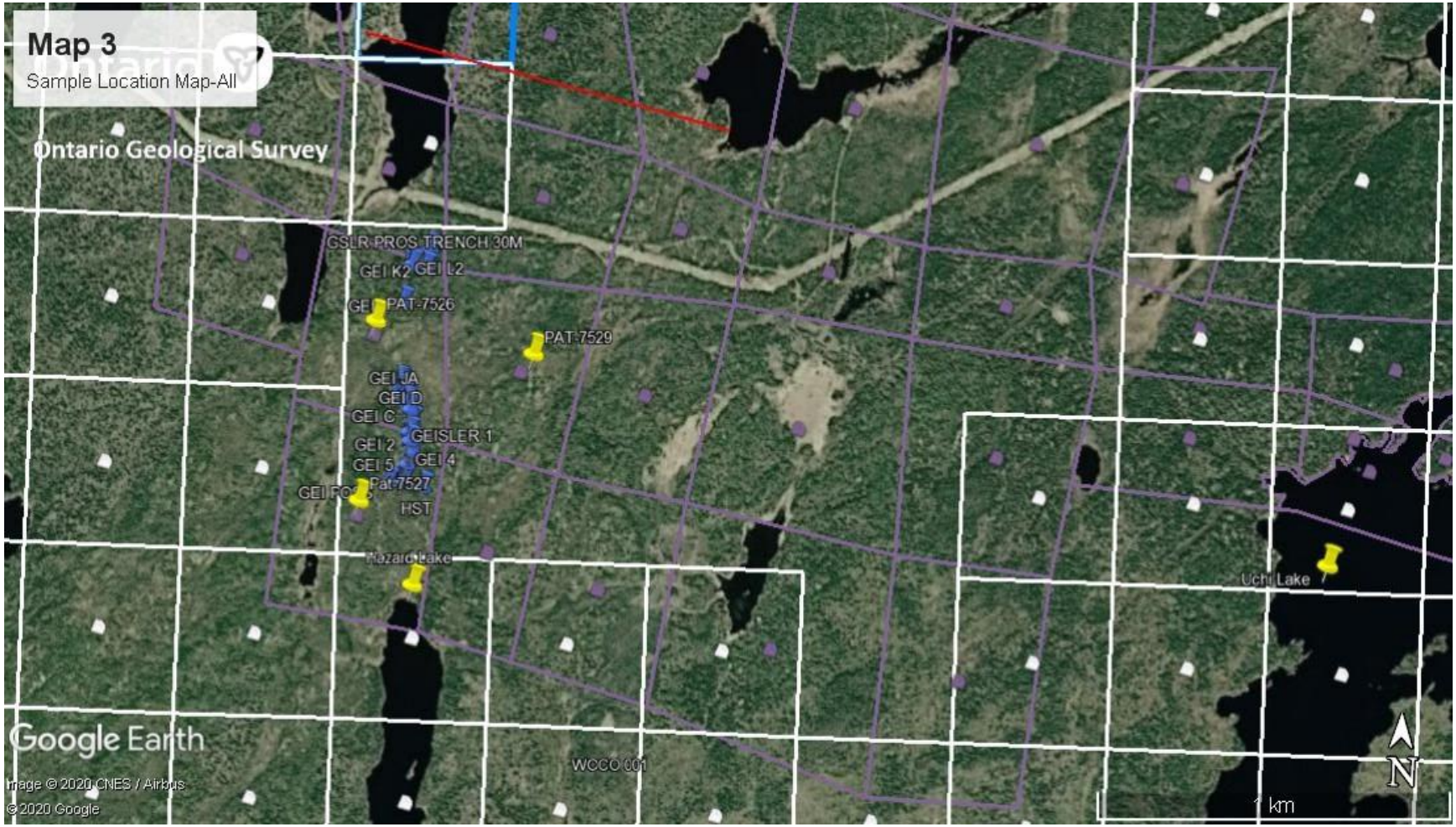
There were a total of 84 samples analyzed, as compared with 77 taken. The difference is due to the insertion of four "blank" and three "control" (analytical generated samples with "known" gold values) into the sample stream.

As per TSA 3 (ix) description and GPS locations of all samples is contained in Appendix II.

TSA 3 (x) Appendix III contains the analytical results.

TSA 3 (xviii) Photographs have been uploaded for each sample site. Unfortunately, a GPS receiver screen photo was not taken for these.

William Kerr, P.Geo


Map 3
Sample Location Map-All
Ontario Geological Survey
GSLR PROS TRENCH 30M
GEI K2
GEI L2
PAT-7526
PAT-7529
GEI JA
GEI D
GEI C
GEISLER 1
GEI 2
GEI 5
GEI 4
Pat-7527
HST
Uchi Lake
WCCO 001
Google Earth
Image © 2020 CNES / Airbus
© 2020 Google
1 km
N


Map 4
Sample Location Map-South Half
Ontario Geological Survey
GEI K
GEI J
GEI H
GEI G
GEI F
GEI FA
GEI E
GEI D
GEI C
GEI B
GEI A
GEISLER 1
GEI 2
GEI 3
GEI 4
GEI 5
GEI 6
GEI 7
GEI N
GEI FOSS
HST
Google Earth
Image © 2020 CNES / Airbus
© 2020 Google
N
100 m


Map 5
Sample Location Map-North Half
Ontario Geological Survey
GSLR PROS TRENCH 30M
GEI L2
GEI L1
GEI K1
GEI K2
GEI L
PAT-7526
Google Earth
Image © 2020 CNES / Airbus
© 2020 Google
N
100 m

Daily Log RainGold Prospect

Workers; William Kerr, Tim Shiels, Gilles Robert

Day 1 August 9

All three depart Uchi Lake Lodge @ 0730. Take one 16' boat and tow a 16' canoe south through the narrows of Uchi Lake to the bay on the west side where Art Lake flows out, at 527422, 5655003. Portage canoe over the falls, put in stream to Art Lake. Water low, much dragging. Three beaver dams to cross on Uchi to Hazard stream, one only from Art to Hazard Lake. Motor through Art Lake up to Hazard Lake. Make put canoe on north shore of Hazard at 527334,5657193. Walk north looking for pits/trenches. Locate all pits, take GPS coordinates of pits, uniformly at flagging tape placed at NE corner of pits. Mark out all pit lips for cleaning. Return to camp by same method at 1730.

Day 2 August 10

Depart at 0800. Shiels and Robert start clearing the pits from the K series, then working south. They used hand implements only, axes and grub hoes, and cleared the lips of the trenches/pits in preparation for sampling. They got as far south as GEI B. W Kerr started at the K pit, then worked north prospecting and locating the scattered pits north of K. Once these were located and flagged, Kerr stripped the lips using hand tools. Kerr sampled the K1. Then Kerr worked the pits southward, that Sheils and Roberts previously stripped, and geologically mapped them and marked them out for sampling. Geological notes and nature of mineralization taken by Kerr are included in Table X. Bags, flagging tape, and sample start and end positioning on flagging tape all left in place. Kerr got as far south as GEI B where he met up with the other two. Depart for camp, arriving at 1715.

Day 3 August 11

Depart at 0800. Problems with one of the beaver dams as nasty hornets had decided to nest there, several stings until we found out where it was located. Dog stung several times, Kerr twice. Shiels and Robert complete the lip stripping from GEI A down to the southernmost trench, in GEI 6 area. Then Shiels/Robert returned to the northernmost pit, where Kerr had marked all for sampling, and started sampling. All samples were chip sampled, (they had been previously shown how to chip by Kerr), and placed in the appropriate previously labelled bags with the assay lab sticker. Shiels and Robert worked as far south all the way to GEI 3 pit. Kerr started at GEI A and marked out the pits area for sampling, following the stripping crew. Once the southernmost pit was laid out, Kerr then returned to the most northernmost pit where sampling was completed. Each sample was viewed in the bag, notes were made and compared with the edge of the pit, then the bag was tied and inserted into a rice bag. All equipment and Rice bag was then carried south to the next sample location. Kerr got as far south as the GEI C pit. All met up at GEI C (the crew had walky-talkies) and moved to the Uchi Lake Lodge. Arrival at 1745.

Day 4 August 12

Depart at 0700 Shiels and Robert completed all sampling south to the last pit, then headed north to collect rice bags with the samples. Kerr continued bagging the samples and noting the observations until the final pit at GEI 7 was completed at 1230. All samples humped to canoe. Several round trips to south shore of Art Lake as canoe overloaded, then humped to Uchi Lake to 16' Lund. Return to lodge at 1430. Demobe to Red Lake at 1800 hrs.

Appendix II Sample Numbers, Coordinates, and Description

Sample #	Trench Name or Area	Easting	Northing	Type of Sample	Sample Length (cm)	Notes
995	405 area			Grab	NA	Felsic fragmental with quartz, py to 10% wall rock
996	405 area			Grab	NA	Tourmaline bearing bull quartz vein
997	405 Area			Grab	NA	Hand cobble, massive milky white quartz
998	405 Area			Grab	NA	Pyritic to 10%, almost sericitic greenish shear
999	405 Area			Grab	NA	many small qtz fgmts, probably tourmaline, rare sulph
1000	432 area			Grab	NA	glassy carb stained qtz boulder from stream, no sulph
1001	GEI K (Northern)	527370	5658126	Chip	36	Dark basalt, massive
1002	GEI K (Northern)	527370	5658126	Chip	51	Massive quartz with 2% Tourmaline as thin veinlets, no sulph
1003	GEI K (Northern)	527370	5658126	Chip	30	vlts
1004	GEI L	527312	5658027	Chip	30	mafic basalt, EW strong shear paper schist, local gossany, py to 5%
1005	GEI L	527312	5658027	Chip	100	40% quartz vein and veinlets 2% finely disseminated sulphides
1006	GEI L	527312	5658027	Chip	30	massive flow Rhyolite
1007	GEI K	527311	5657803	Chip	36	Massive lightly sheared basalt
1008	GEI K	527311	5657803	Chip	61	80% quartz stringers, strong Fe stain, also locy Cpy stain on weathered
1009	GEI K	527311	5657803	Chip	100	prinarly shearte Fe stained basaltm
1010	GEI K	527311	5657803	Chip	38	sheared basalts with 30% cctg qtz veinlets, minor cpy staiin
1011	GEI K	527311	5657803	Chip	61	massive rhyolite flows with several 8 cm q vns, several 5% py seams
1012	GEI K	527311	5657803	Chip	30	massive rhyolite, locally sheared at 070 deg
1013	GEI JA	527314	5657794	Chip	36	Basalt, lite shear, minor gossan sulph,NS structure, -80 E dip
1014	GEI JA	527314	5657794	Chip	76	Irrg qtz to 25% in basalta.large .5mm py cubes to 5%
1015	GEI F	527324	5657769	chip	30	Dupe 1 litely sheared mafic basalt, good flank sample
1016	GEI F	527324	5657769	chip	30	Dupe 2
1017	Control 214				0	
1018	Blank				0	
1019	GEI JA	527314	5657794	Chip	74	sito 1014. Py zones to 20%. Locy dacitic
1020	GEI JA	527314	5657794	Chip	30	poorly exposed only 605 sampled. Well foltd. Lite py to 5%, gossany shistose zone
1021	GEI JA	527314	5657794	Chip	30	well banded rhyolite, vert dip
1022	GEI JA	527314	5657794	Chip	48	oxidized litely fol'td, py to 4%, no flank possible under OB
1023	GEI H	527314	5657782	Chip	43	Part flank but also local shears to 15% cubic py

Appendix II Sample Numbers, Coordinates, and Description

Sample #	Trench Name or Area	Easting	Northing	Type of Sample	Sample Length (cm)	Notes
1024	GEI H	527314	5657782	Chip	71	massive 60% quartz apnd pyritic shear, with locally 5% Po
1025	GEI H	527314	5657782	Chip	30	10% quartz with black chlorite, in original Rhy tuffaceous flows
1026	GEI G	527315	5657772	Chip	41	Vertically banded fkabj Rhyolite tuff, rare quartz
1027	GEI G	527315	5657772	Chip	51	20% quartz brexx'd knots in basaltic host,strongly oxidized, often pyritic to
1028	GEI G	527315	5657772	Chip	51	sito 1027 though less quartz
1029	GEI G	527315	5657772	Chip	53	More rusty oxidized zone, rare quartz
1030	GEI G	527315	5657772	Chip	46	Good flank sample, more massive basalt
1031	GEI F	527324	5657769	chip	36	40% brecciated quartz in basaltic host
1032	GEI F	527324	5657769	chip	56	strongly sheared 30% folliation parellel quartz veinlets in basalt host
1033	GEI F	527324	5657769	chip	30	sito 1032
1034	GEI F	527324	5657769	chip	102	Flank sample, sheared grey dacitic/rhy, with some pyritic layers
1035	GEI E	525331	5657749	chip	100	Dupe 1 Basalt with 10% quartz veins to 30 cms
1036	GEI E	525331	5657749	chip	100	Dupe 2 sito 1035
1037	Control 260					
1038	Blank					
1039	GEI E	525331	5657749	chip	100	sito 1035, 1036 but with local oxidizèd layers, 30% quartz
1040	GEI E	525331	5657749	chip	100	sito 1039, but with 5% quartz, almost sericitic shearing
1041	GEI E	525331	5657749	chip	100	Massive 100 cm thick quartz, glassy sugary sections, minor sulphides only
1042	GEI E	525331	5657749	chip	100	originally rhyolite, 30% glassy quartz veinlets
1043	GEI E	525331	5657749	chip	100	massive barren basalt
1044	GEI D	527336	5657740	chip	61	Massive thick quartz, no flank available
1045	GEI D	527336	5657740	chip	61	sito 1044, but with 10% sheared basalt
1046	GEI D	527336	5657740	chip	61	sito 1044, massive bullish quartz
1047	GEI D	527336	5657740	chip	61	sito 1044, some carb looking patches
1048	GEI D	527336	5657740	chip	61	good unmineralized flank sample, dacite, locally silicified
1049	GEI A	527351	5657694	chip	56	Barren mafic volc, rare foln parallel qtz vlts, no sulphides
1050	GEI A	527351	5657694	chip	30	50% quartz knots and veinlets,, en echelon structures in mafic volc
1051	GEI A	527351	5657694	chip	102	mafic volcs, only rare q veins
1052	GEI A	527351	5657694	chip	30	70% qtz in mafic host, some pinkish altn to feldspars
1053	GEI 1	527344	5657665	chip	100	sheared basalt, several low angle fractures

Appendix II Sample Numbers, Coordinates, and Description

Sample #	Trench Name or Area	Easting	Northing	Type of Sample	Sample Length (cm)	Notes
1054	GEI 1	527344	5657665	chip	100	Fresh rhyolite with interbedded basalt, 10% glassy quartz veins
1055	GEI 1	527344	5657665	chip	100	Dupe 40% thick quartz vlts
1056	GEI 1	527344	5657665	chip	100	Dupe 40% thick quartz vlts
1057	Control 229b				0	
1058	Blank				0	
1059	GEI 1	527344	5657665	chip	100	sito 1055 but with 30% quartz with tourmaline
1060	GEI 1	527344	5657665	chip	36	flank sample, 5% sheared quartz in sheared mafic volc
1061	GEI 2	527348	5657639	chip	43	rusty sheared basalts, locy heavy sulphides to 15%, no qtz
1062	GEI 2	527348	5657639	chip	76	10% foln parallel q vlts in basalt, minor sulphides to 2% in qtz
1063	GEI 2	527348	5657639	chip	76	15 cm rusty shear paper schist and 40% qtz in silicified rhyolites, 10% knotty tourmaline
1064	GEI 2	527348	5657639	chip	61	dark finely laminated rhyolie with rare q vlts
1065	GEI 3	527352	5657616	chip	100	finely banded tuffaceous rhyolite with 15% irrg qtz and rare oxèd zones
1066	GEI 3	527352	5657616	chip	48	15% oxèd zones in rhyolite, no quartz
1067	GEI 3	527352	5657616	chip	53	flank sample but with 20% free qtz in rhyolites, very irrg
1068	GEI 4	527358	5657608	Chip	100	NS striking weak shear zone, 10% q vns in sheared basalts
1069	GEI 5	527346	5657583	Chip	100	Rhyolite, unmineralized, some grey dacite also
1070	GEI 5	527346	5657583	Chip	50	50% qtz bull in dacite rhyolite
1071	GEI 6	527344	5657574	Chip	100	two 3 cm bull q vns cutting massive green dacites
1072	GEI 6	527344	5657574	grab	NA	v nice grey translucent qtz float with 5% sulfides, blasted from pit likely
1073	GEI B	527348	5657707	chip	100	40% quartz with tourmaline and pyrite
1074	GEI B	527348	5657707	chip	60	dupe primarily dacite footwall
1075	GEI B	527348	5657707	chip	60	dupe primarily dacite footwall
1076	Blank					
1079	GEI B	527348	5657707	chip	70	30% quartz and minor pyrite in dacite
1080	GEI B	527348	5657707	chip	60	sheared fractured zone, 10% quartz in basalt
1081	GEI B	527348	5657707	chip	50	several 5 cm sheared pyritic seams, minor quartz
1082	GEI 7	527329	5657523	chip	50	30 cm bxxdt qtz vlts in basalts
1083	GEI 7	527329	5657523	chip	50	80% glassy and sugary qtz, minor tourmaline
1084	HST	527390	5657510	chip	35	massive bull white q vein

Quality Analysis ... *Innovative Technologies*

Date Submitted: 21-Aug-19
Invoice No.: A19-11119
Invoice Date: 29-Aug-19
Your Reference: WOCO GOLD PROJECT

Argo Gold Inc
365 Bay St
Toronto
Canada

ATTN: William Kerr (Inv)

CERTIFICATE OF ANALYSIS

88 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1A3-Dryden QOP AA-Au (Au - Fire Assay Gravimetric)

REPORT **A19-11119**

Notes:

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

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

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
995	0.03
996	< 0.03
997	0.10
998	0.10
999	0.16
1000	< 0.03
1001	0.46
1002	< 0.03
1003	0.20
1004	0.06
1005	0.03
1006	0.10
1007	0.63
1008	13.3
1009	22.6
1010	7.81
1011	6.72
1012	0.10
1013	0.39
1014	0.65
1015	0.17
1016	0.10
1017	2.99
1018	< 0.03
1019	0.31
1020	0.63
1021	0.03
1022	0.03
1023	1.76
1024	0.07
1025	< 0.03
1026	< 0.03
1027	0.13
1028	0.03
1029	0.03
1030	0.20
1031	1.46
1032	0.07
1033	0.20
1034	< 0.03
1035	0.10

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
1036	< 0.03
1037	< 0.03
1038	< 0.03
1039	< 0.03
1040	< 0.03
1041	0.36
1042	1.37
1043	< 0.03
1044	0.10
1045	0.29
1046	0.03
1047	0.13
1048	0.13
1049	0.78
1050	1.15
1051	0.38
1052	0.50
1053	0.43
1054	0.33
1055	0.20
1056	0.20
1057	12.3
1058	< 0.03
1059	0.63
1060	0.71
1061	4.67
1062	1.91
1063	3.84
1064	0.33
1065	0.36
1066	2.00
1067	0.29
1068	0.07
1069	0.65
1070	2.09
1071	0.82
1072	0.63
1073	0.93
1074	0.06
1075	0.10
1076	< 0.03
1079	0.33

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
1080	0.20
1081	0.10
1082	0.07
1083	0.82
1084	0.03

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
OREAS 216 (Fire Assay) Meas	6.86
OREAS 216 (Fire Assay) Cert	6.66
OREAS 216 (Fire Assay) Meas	6.46
OREAS 216 (Fire Assay) Cert	6.66
OREAS 216 (Fire Assay) Meas	6.78
OREAS 216 (Fire Assay) Cert	6.66
OREAS 254 Fire Assay Meas	2.59
OREAS 254 Fire Assay Cert	2.55
OREAS 218 Meas	0.52
OREAS 218 Cert	0.53
OREAS 255 (Fire Assay) Meas	4.20
OREAS 255 (Fire Assay) Cert	4.08
OREAS 255 (Fire Assay) Meas	4.11
OREAS 255 (Fire Assay) Cert	4.08
OREAS 255 (Fire Assay) Meas	4.20
OREAS 255 (Fire Assay) Cert	4.08
1010 Orig	7.80
1010 Dup	7.83
1019 Orig	0.29
1019 Dup	0.32
1028 Orig	0.03
1028 Dup	0.03
1034 Orig	< 0.03
1034 Dup	< 0.03
1044 Orig	0.10
1044 Split PREP DUP	0.10
1044 Split PREP DUP	0.10
1051 Orig	0.36
1051 Dup	0.40

Analyte Symbol	Au
Unit Symbol	g/tonne
Lower Limit	0.03
Method Code	FA-GRA
1062 Orig	1.89
1062 Dup	1.93
1081 Orig	0.10
1081 Dup	0.10
Method Blank	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03
Method Blank	< 0.03

525000 526000 527000 528000 529000

5660000 5659000 5658000 5657000 5656000 5655000 5654000 5653000 5652000

540931 540932 540934
540929 540935 540936
540928 540937 540933
540930 540938
PAT-7525 PAT-7528
312129 156790
PAT-7526 PAT-7529
Raingold Prospect
288791 288790
540944 540943
PAT-7527 PAT-7530
276180 295546 295545 295602 324817 210130 540940 540942
114995 126993 324845 295603 210133 228967 296185 540939 540941
Woco
South Woco
312693 101940 276828 101931 288921 116976 288923 288792 202748 540945 540946
230904 223634 210817 325479 296183 114993 276175 162295
504583 504584 313428 229637 202746 325481 325480 295540 162275 324824
504585 323025 222877 286996 156931 222876 162931 202747 325478 156269 162276
Northgate
504586 504587 504563 504564 504565 504566 296184 325459 222875 278895
504588 504589 504590 504591 504567 504568 504569 504570
504592 504593 504594 504595 504571 504572 504573 504574
504596 504597 504598 504599 504575 504576 504577 504578
504600 504601 504602 504603 504579 504580 504581 504582

N

ARGOGOLD

Uchi Lake Gold Project

0 0.25 0.5 1 Km

May, 2021