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REPORT ON PROSPECTING AND CHIP SAMPLING ON THE WOCO AND NORTHGATE GOLD SHOWINGS

WOCO PROPERTY

ARGO GOLD

The work covered in this report covers a period from May 1st, 2017 to September 31st, 2017. The work is being filed under two (2) different work reports to split work that is more than 2 years old from the work that is less than 2 years old, but the intent is to treat the 2 Pending Distributions as one. This has been done at the suggestion of MNDM, personal communication with John Walmsley, August 16th, 2019.

The Activities and Expenses related to the work claimed are shown below, split to reflect the differing blocks of time.

This report encompasses other work that either has already been claimed or has yet to be claimed. These activities, though reported are not being claimed as part of this submission

REPORT ON PROSPECTING
ON THE WOCO AND NORTHGATE GOLD SHOWINGS

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

UTM Zone 15, E 527627,5656165
NTS 52N/2
Claim Map Earngey Township, Ontario

Original Claim No's 910546 985345
910547 985346
910548 985347
910549 985348
910550 985349
910551 985350
1107522 985351
985342 985352
986343 985353
985344 985354
4241771 4224149 4241772

New MLAS Claim Numbers

101931	222876	295545
101940	222877	295546
114993	223634	295602
114995	228967	295603
116976	229637	296183
126993	230904	296184
156269	267180	296185
156790	276175	312129
156932	276177	312693
162275	276178	313428
162276	276828	324817
162295	278126	324824
162931	278895	324845
202746	286996	325459
202747	288790	325460
202748	288791	325478
210130	288792	325479
210133	288921	325480
210817	288923	
222875	295540	

Work Carried out Between May 15th and September 17th, 2017
Report Completed December, 2018, Revised November 2019
William C. Kerr, for Recorded Holder Argo Gold Inc.

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References

Kuryliw, C.J., 1993; Report on St Jude Resources Ltd. Property Earngey Twp., Uchi Lake Area District of Kenora, Ontario. 1993 Diamond Drilling
MNDM AssessmentFile 52N02SE0015 W9420.00020 Uchi Lake

Germundsen, R.K., 1994; Overburden Stripping Program (1992) on the Uchi Lake Property, Earngey Township, Ontario 52N/2 Red Lake Mining Division for St. Jude Resources Limited. MNDM Assessment File 52N02SE0006 2 15451 Uchi Lake

Germundsen, R.K., 1995 Diamond Drill Report St Jude Resources Ltd. Earngey Twp., Ontario (NTS 52N/2) Red Lake Mining Division Re; Application for Grant, 1994 Ontario Mineral Incentives Program MNDM File 52N02SE2018 om94-080 Earngey

REPORT ON PROSPECTING
ON THE WOCO AND NORTHGATE GOLD SHOWINGS

Introduction, Summary and Explanation of Assessment Credit Distribution

Three Prospecting trips were made to the Woco Project by Argo personnel in 2017.

- From May 15th through June 8, work was carried out from a tent fly camp and consisted of;
  - GPS claim post surveying (20 units),
  - drill hole collar GPS surveying,
  - trench location and clearing, geological mapping, and sampling were completed..
- From July 2 through to July 16, work was carried out based at the Uchi Lake Lodge and consisted of;
  - trail location and chain saw cutting road access,
  - REFLEX crews carried out downhole surveying on previously drilled (1994/95) holes, which will be reported separately.
  - GPS claim post surveys (three claims, 24 units).
- From September 11 through September 17, a further trip was made to Uchi Lake to locate, clear, geologically map and sample the old Northgate trench system.

An assessment report on each of the first two trips, documenting GPS Geo-referencing of claim posts, was filed and accepted for the work done, so costs associated with these surveys will have to be backed out of this report. The first assessment report was for 20 units, the second was for three claims totaling 24 units. Therefore, to simplify and in consultation with MNDM's Geoscience Assessment Office (Nov 27th, pers communication), a total of 44 units x $400 = $17,600 will be deducted from total monies spent in 2017 to account for the previously credited and approved geo-referencing work.

Work during these initial visits concentrated on locating, geo-referencing, clearing, and geologically sampling and mapping two separate and significant gold bearing systems that had not been worked for 24 (Woco) and 80 (Northgate) years. Both trench systems were located, cleared and chained, chip sampled and mapped. In the case of Woco, 1990's era drill holes were initially GPS'd in by the author and then formally surveyed, downhole, by a contractor.
All this above work indicates that the Woco and the Northgate showings are high-grade vein-hosted gold deposits that are very prospective for further work. The Woco is at the stage of further shallow, deep, and on strike drilling, while the Northgate requires some mechanical stripping/washing prior to any intensive drill delineation.

Location and Access

Uchi Lake is located approximately 80 air kilometres east of Cochenour, Ontario. The Woco Gold Prospect is located west of Uchi Lake at the south end of a series of historical gold mines (Uchi Mine) on a north-south trend. The Woco is west of the NE trending Uchi Lake Deformation Zone that straddles Uchi Lake. An old power line goes into the historic Uchi Mine area to the north of the Woco Property.

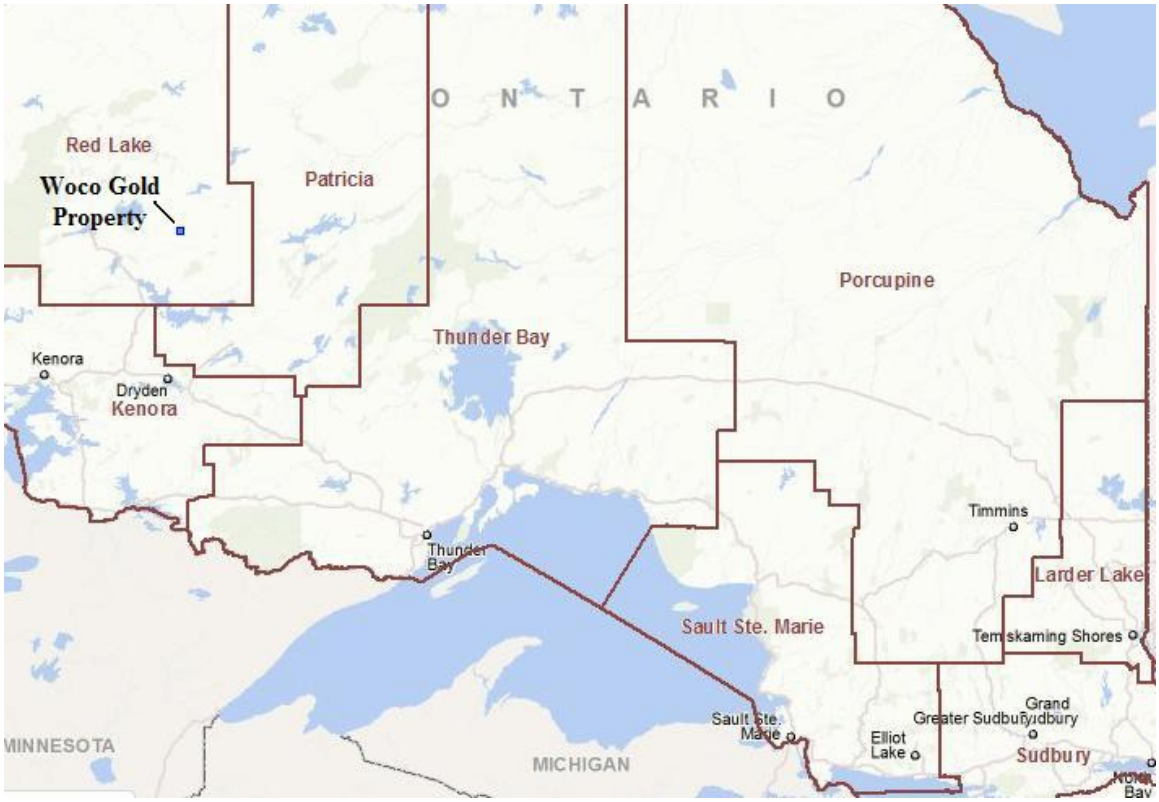

Figure 1 General Location Map

Access is by float plane to Uchi Lake from Red Lake or Earl Falls and then about a kilometer 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 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 programme so ATV's and snowmobile access is now possible from either the South Bay Mine Road or the Uchi Lake landing.

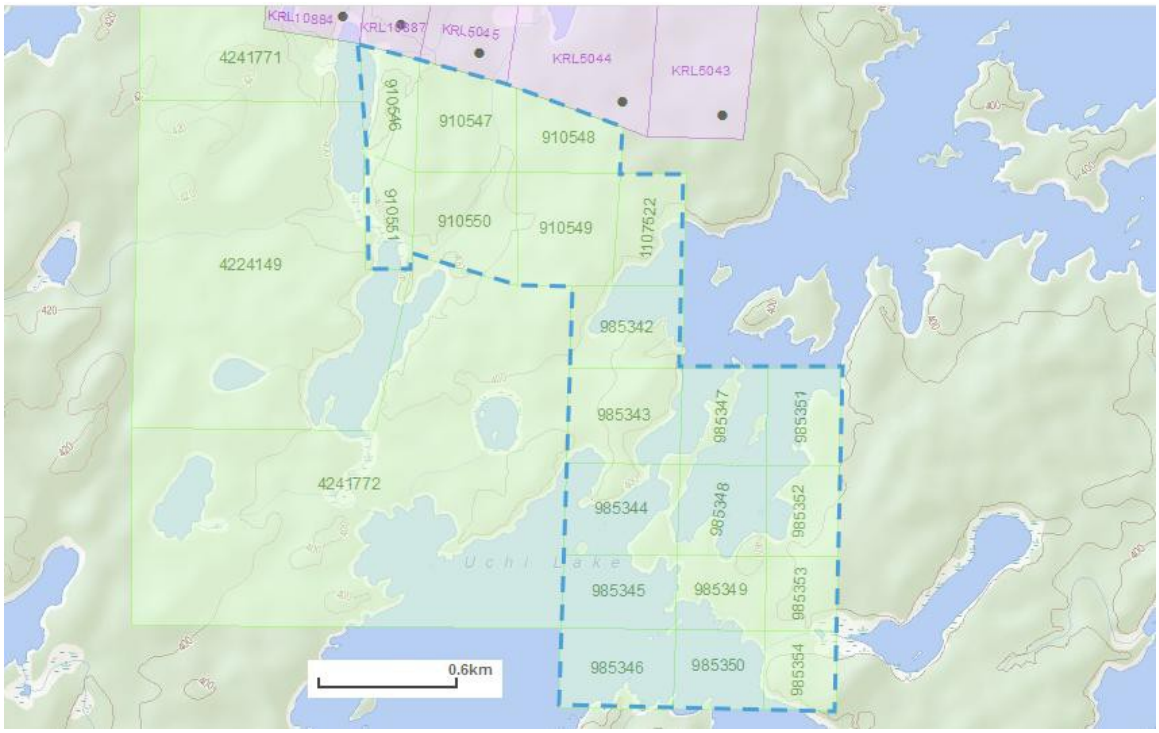

Figure 2 Claim Map (note that while the property size is larger, only those claims relevant to the work at the time are shown)

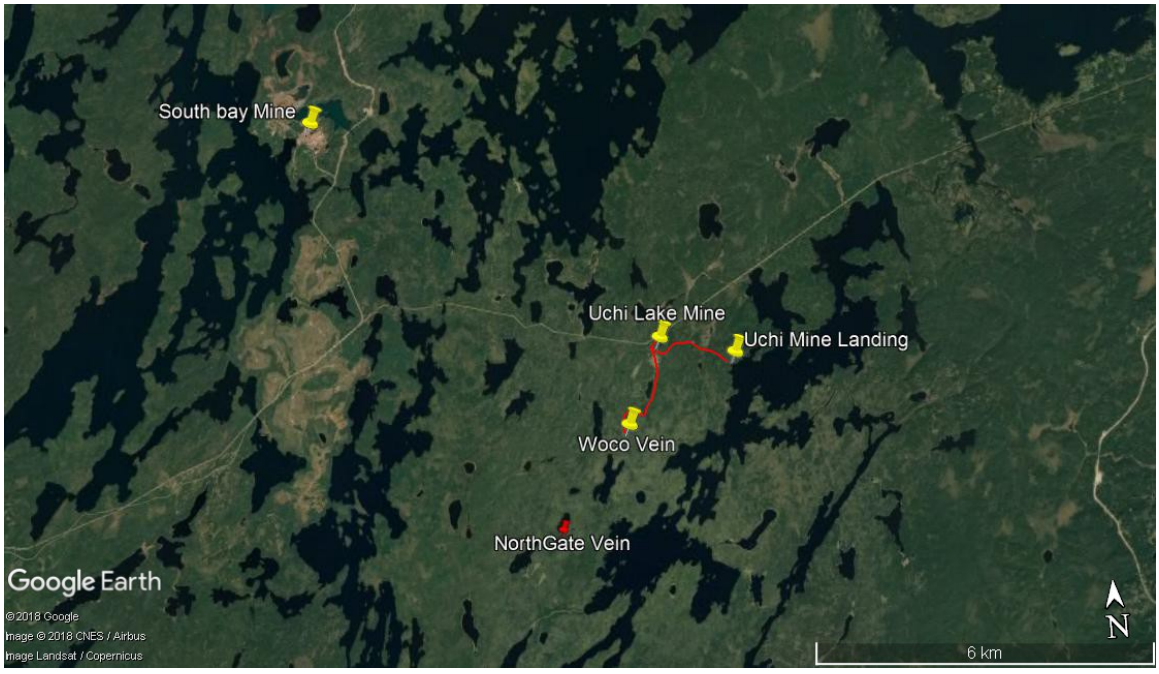

Figure 3 Detail Location Map

PROGRAMMES

GPS Claims Survey

GPS Georeferencing using approved equipment and following MNDM approved procedures was carried out on two of the three work programmes. All of the 44 claim units referenced in this report were surveyed in this manner. This work was compiled into two technical reports, submitted and subsequently approved by MNDM in the summer of 2017. Therefore, no further discussion of this work is required. As noted previously, however, a total of 44 units x $400 = $17,600 will be deducted from total monies spent in 2017 to account for these previously approved geo-referencing work programmes.

For the purposes of the GPS pickups, described herein, the GPS receiver is a Garmin GPSmap 62S, WAAS enabled version in accordance with MNDM's specifications and the datum used was NAD 83, UTM Zone 15. All readings were taken in accordance with MNDM Specs and all readings were within the <5 M accuracy. The camera used was a Canon Powershot SX270HS with a 12.1 MegaPixel Resolution.

Woco Trench Clearing and Sampling

Intermittently from May 15th through June 8th, 2017, fieldwork was carried out over the old Woco trench system. The centre of the Woco Vein is located at UTM 527855E, 5656550N.

There are three potential access routes to the vein;

- by foot from Uchi Lake direct from the east/southeast from a canoe landing at 528474E, 5655925N along a 1k cleared trail taking a 35 minute walk.
- By canoe portage up from Uchi Lake through Art Lake to Hazard Lake, then a 400 metre walk east to the showing. This route takes about 90 minutes total, camp to vein.
- By ATV down from the Uchi Mine Road, which connects to the Confederation power line and also to Uchi Lake itself.

The Woco vein proper remains one of two *known* zones with consistent high-grade gold. The only known previously documented surface samples are the three samples (three original channels, duplicated by chips by the author) from Germundson' 1994 report on his 1992 overburden stripping programme. He also notes in the map a 1988 cross trench (at the south end) backhoe stripping programme; they are little more than a depression now, having subsequently caved. See Figure 4 and Table 1. A total of 40 chip/chip channel samples (48 including dupes and blanks) were taken. Thirteen samples were each a three-sample set of footwall/vein/hanging wall to close off any mineralization.

Image 1 Woco Samples 20, 21 and 22 showing sampling of Hwall, Vein, and FWall

The single sample was the most northern where irregular vlts were present in basalt. The vein itself varies to about 0.70 metres in width. The vein seems relatively straightforward on surface, steeply westerly dipping (actually apparently to the east also locally). The vein itself was mineralogically uninspiring, with only one of thirteen samples showing any sulphides. The vein was mostly unbanded sugary quartz with rare internal second generation veinlets.
A discussion of the results follows. Four blanks were taken from dead rocks at the campsite, inserted into the sample stream, and returned values of 4,9,12 and 7 ppb respectively. This demonstrates the lack of any crusher contamination, especially as several samples immediately followed high grade samples. Four duplicates were taken, and all were within the range, although one sample (Duplicate sample 337949) returning 17,600 ppb, originally was ascribed a value, (Original sample 337939) of 11,505 ppb. This demonstrates the variability of free gold in the system.
The vein was anomalous over all of its length, with the better values located in the south area of the vein. This is consistent with the previous VG samples reported by Germundsen. Their's were saw cut and Argo used one side of the saw cut to take chip-channels here. The current Argo results, for each of the three samples that previously reported VG, were 891, 1010, and 4390 ppb respectively. This again demonstrates the variability of VG in this mineralizing system.
Virtually all samples were anomalous, in that there were only 4 of the 40 samples taken that were less than 10ppb Au. This is notable in that 26 of the 40 total samples were either footwall or hangingwall.

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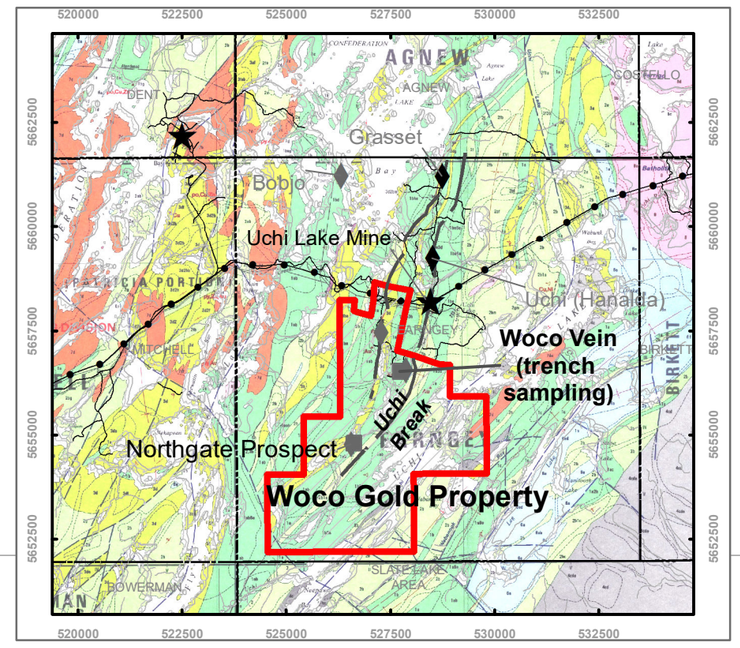


1:200

0 2 4 8 12 16 20

Meters

UTM: NAD 83, Zone: 15

Legend

- Vein Trace
- Caved
- Trench Outline
- Chip Sample - Values are in g/t / metres
  - Each transect is composed of 3 chip samples
  - From west to east:
    - Hanging Wall (HW) - always the top value
    - Vein (VN) - always the middle value
    - Foot Wall (FW) - always the bottom value
- Historic Drill Hole

Inset Map

- Woco Gold Property Boundary
- Historical Gold Mine / Developed Gold Showing
- Uchi Break
- Powerline
- Local Road

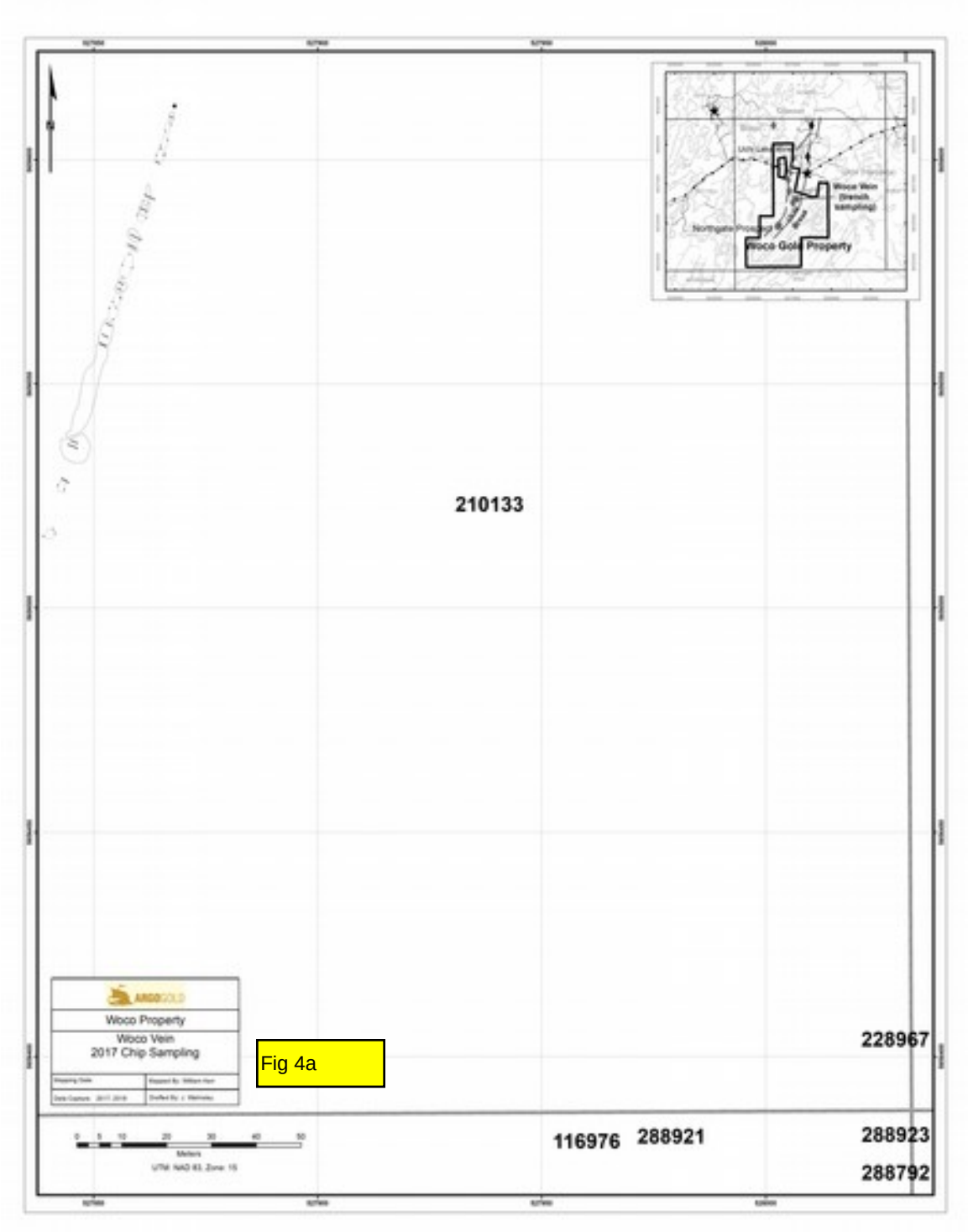
Fig 4

ARGOGOLD

Woco Property

2017 Chip Sampling
Woco Zone
May, June 2017

Mapping Date:	Mapped By: William Kerr
Data Capture: 2017, 2019	Drafted By: J. Walmsley



As to controls of mineralization, the Woco is a straightforward bull vitreous quartz vein at, as Kuryliew indicates, lying at contact between two rock units of different brittleness. It was noted in drill core that basalt was the footwall and dacite the hangingwall; it was often reverse on surface but also sheared lenses of one unit was incorporated in the other, making a binary determination difficult. Where the vein is the widest, at the south, and coincidentally at the site of

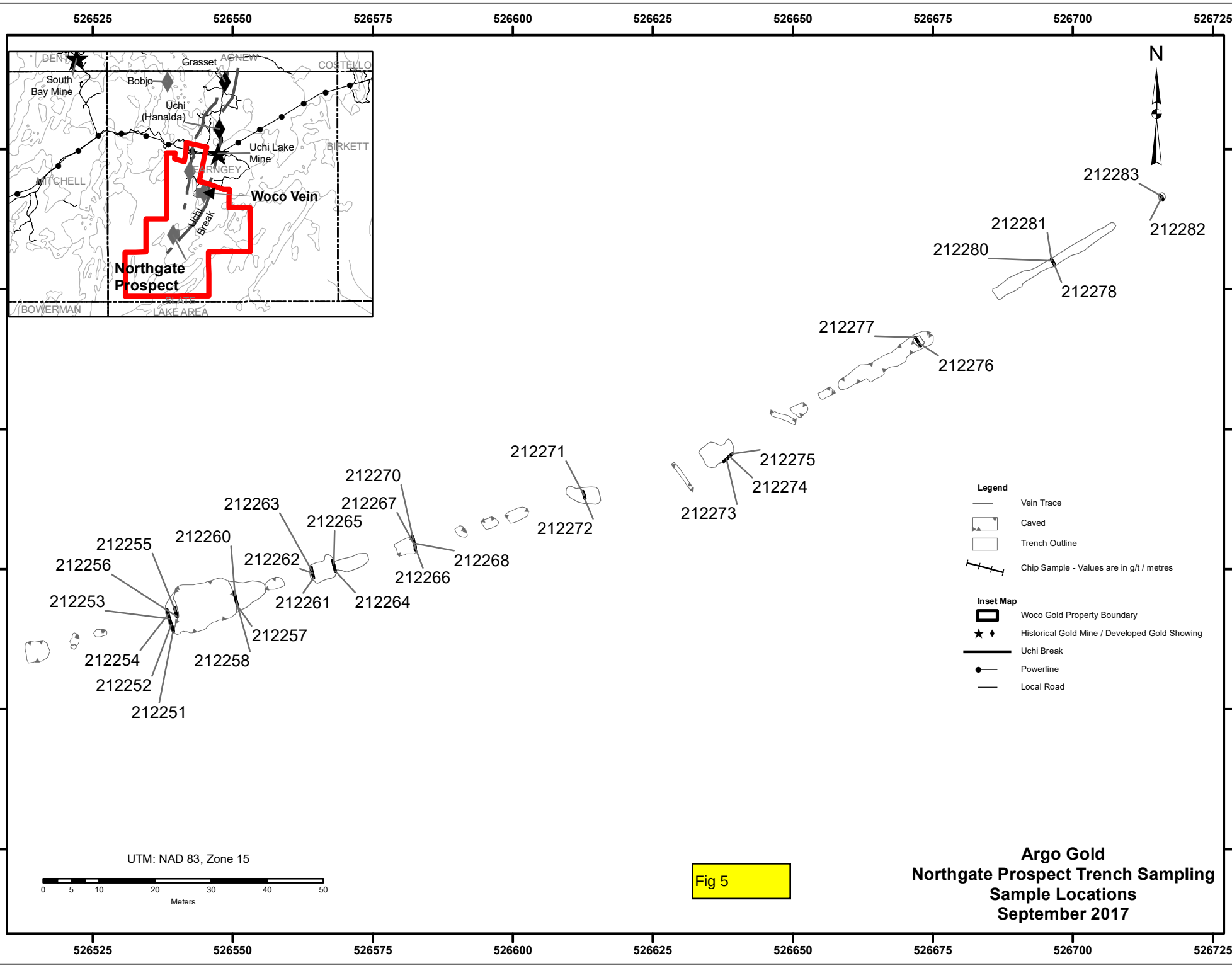
the reported VG (Germundson), the dacites were the immediate footwall here and seemed much less sheared, more competent. One sample also showed possible tourmaline crystals. It is surmised that this (apparently thicker and unsheared) dacitic unit is exerting some physical and/or chemical control on the mineralization.
In summary, the Woco vein is quite narrow at the surface, but definitely strongly anomalous all along its length. Drilling has proved that the vein widens significantly at depth. Unfortunately, while the core box storage area was located, at UTM 527809E, 5256542N, the racks had collapsed in the past 23 years since drilling, in addition to the decaying of the plastic box labels and any relogging of this core is now not possible.

Image 2 Collapsed Core Rack

Northgate Trench Clearing and Sampling

From September 11 through September 17, 2017, fieldwork was carried out over the old Northgate trench system. The Northgate Vein is located at UTM 526575E, 5654725N. There is only one access to the vein at this time. A canoe landing was set up on Uchi Lake at 527395E, 5654751N and a trail was cut due west for 850 M, taking about a 20 minute trip time on foot.

The Northgate vein is the second of two *known* zones with consistent high-grade gold. However, there are no known sample results existing in the literature. The vein was discovered in the mid 1930's and drilled relatively extensively at that time; however, no records that would be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212251
212258
212257
Legend
Vein Trace
Caved
Trench Outline
Chip Sample - Values are in g/t / metres
Inset Map
Woco Gold Property Boundary
Historical Gold Mine / Developed Gold Showing
Uchi Break
Powerline
Local Road
DENT
Grasset
AGNEW
COSTELLO
South Bay Mine
Bobjo
Uchi (Hanalda)
Uchi Lake Mine
BIRKETT
MITCHELL
TARNGEY
Woco Vein
Uchi Break
Northgate Prospect
BOWERMAN
LAKE AREA
UTM: NAD 83, Zone 15
0 5 10 20 30 40 50
Meters
Fig 5
Argo Gold
Northgate Prospect Trench Sampling
Sample Locations
September 2017

admissible under NI 43-101 regulations are remaining. Northgate has indicated, in their historic disclosure literature, based on drilling from 1939 to 1942 and in 1959 that the vein contains (non-NI 43-101) drill indicated mineralization of 64,600 tons at 0.28 opt. No old drill casings or set-ups were found in the spruce muskeg north of the vein, but time precluded a diligent search.

The trench system extends in an E NE direction for just over 200 metres. According to the older literature, Zone A is the west end and Zone B to the East. Widths greater than 4 metres were documented near the west end. Much slumping has taken place, but enough outcrop was available to take 30 chip samples.

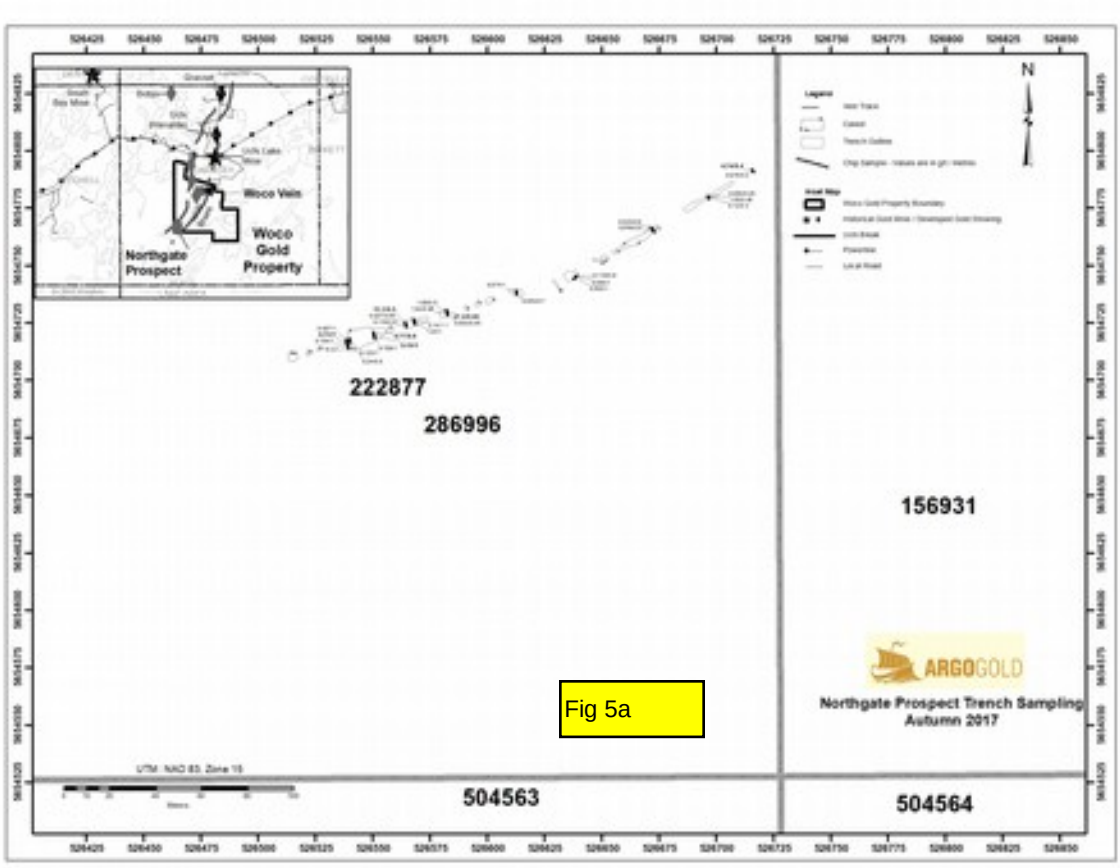

Figure 5 Northgate Trench Sampling Sketch (with values inputted for sample numbers)

A total of 36 samples were ascribed to the trench, including 3 blanks and three duplicates. The blanks were a little higher than expected at 51, 37, and 21 ppb respectively considering they were taken from the same dead outcrop as the Woco samples which were 4,9,12, and 7 ppb respectively. This is not a critical factor in this high grade showing, and the sample population is small but the lab may have had some instrument drift at the low levels. Duplicates were as expected in a high grade area, with pairs of (FA) 5.12 and 7.19 g/t, 2050 and 1640 ppb, and 104 and 142 ppb.

The Northgate is an extremely strong shear system with widths in the west of over 4 metres across strike. The west zone has been extensively trenched, with a pit to one metre, while the east

is narrower to 1.5 to 2 metres. All this work was done in the 1930's by powder and shovel and slumping is extensive at this current time. The highest grade part of the trench, in Zone A where the width is greater than 4 metres, likely has had some later 1980's area trenching, though still by powder methods and not mechanical. Over 30% of the samples were all over 1 g/t, and several samples were high grade with the highest being almost an ounce/ton. The best part of the west zone showed high grade over a 50 metre length. Several outcrops in the west, and also further to the east, showed abundant black tourmaline. A mylonite schist was present locally after original basalt. Several big glassy quartz veins were present throughout the showing, especially at the west end. No significant wall rock alteration was noted other than carbonate alteration, but the presence of the mylonite, quartz and especially tourmaline is very significant to this gold system. This showing warrants a stripping and washing programme to better expose the geology to aid in determining where drilling would be most effective and provide some guidance on controls of the structure and the mineralization.

Image 3 Samples 212251 to 212256 looking west

The West Rhyolite Area

Germundson, in his 1992 assessment report, conducted a pretty thorough wajax stripping programme primarily on the western part of the property and called this area the west Rhyolite trend. This Rhyolite is quartz saturated, and was an obvious target for early prospectors. However, despite the intensive historical work and the likewise diligent stripping carried out by Germundson, uniformly low gold assays were returned, all <5 ppm. Despite this, Germundson

felt that the contacts of the rhyolite remain a viable drill target, no doubt due to the competency contract between the brittle rhyolite and the more ductile basalts. Several visits to the west Rhyolite zone during the claims GPS work were made to document any trenches, tie them in to the gps fabric, and take some samples for mortar pestle and panning. It is the writers opinion that, notwithstanding the theoretical competency contrast as loci for gold mineralization, these rocks look really, really hungry. All of Germundson's wajax work 30 years ago has been covered/grown over. He did no actual trenching, per se., simply washing off the top layer of OB/humus.

Three samples were taken of the abundant quartz "sweats" within the rhyolite and all returned no gold on panning. RHY-1 and RHY-2 are from very old trenches in quartz sweats in rhyolite, while RHY-3 is a quartz mass in rhyolite near the lakeshore. Note that the processing method for these reconnaissance samples is immediate and does not require sending out for assay. Approximately a 30 gm sample of chips of quartz is mortared and pestled to a fine powder, screened, then washed and panned in a prospecting pan and visually checked for any tiny gold grains. This provides a rapid and generally binary method of testing for gold while on site. If the sample kicks then more detailed work at the site is warranted. In this case no gold was noted and no further work here is recommended.

See Image 4, which is a copy of the original GPS Claim post survey map showing the three samples in pencil near Art Lake.

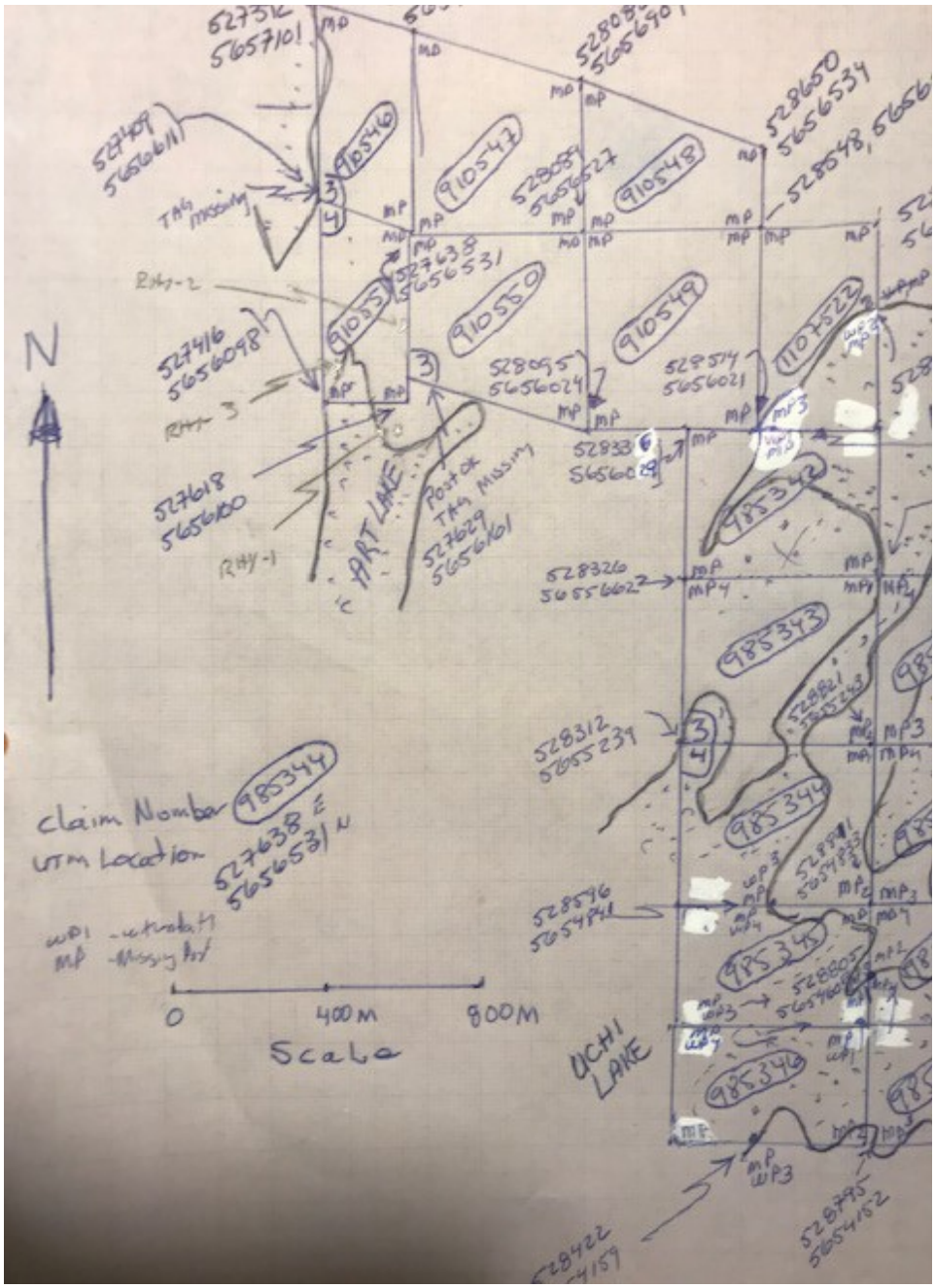

Image 4 West Rhyolite Area

Uchi Break

The Uchi Break is an unknown on this property. While it is the controlling factor on the producers to the north, it has no surface expression (that we know of), as most is masked by swamp, muskeg, and water. One apparent sample was taken (by Tachota-Nipigon in the assessment files) which ran over 2 opt; subsequently resampling by the OGS returned nil. Argo was able to find this east/west oriented trench on our north claim boundary UTM 528074E, 5656895N, but it was completely water saturated with the wet weather, and it is doubtful in the deeper central part of the trench would have been exposed in any event. No Argo sampling was

carried out as only unaltered wall rocks were exposed. The Uchi Break has to remain one of the top three property targets and should be the focus of some drilling in any future drill programme, if only for recon purposes to get a sense of the structure at various locales on the property. There is some outcrop in this area so trenching by mechanical methods should be attempted. See Image 5.

Image 5 Tashota Nipigon Trench, Uchi Break, Woco Ground

Hazard Lake Showing

The Hazard Lake, or Orofino, showing, located at 527278E, 5657110N, on the west shore of Hazard Lake was visited and sampled. While evidence of past drilling was noted—old rods lying around—no favorable geological features were noted. There was one long 5 metre saw cut channel, but it looked like a prospecting cut. No alteration was present. Seven samples were taken, samples 212287 through 212293 while on site just for completeness sake, including chip-channels from the location of the saw cut but the gold values were background, all between 24 and 30 ppb. Orofino spent a significant drill programme in the 1980's here but all indications here are that there is absolutely no gold in this area. Any favorable strike extent from gold zones further north would likely be 2 or 300 metres west of where the Orofino work concentrated. No time was spent prospecting in this area, however. See Image 6

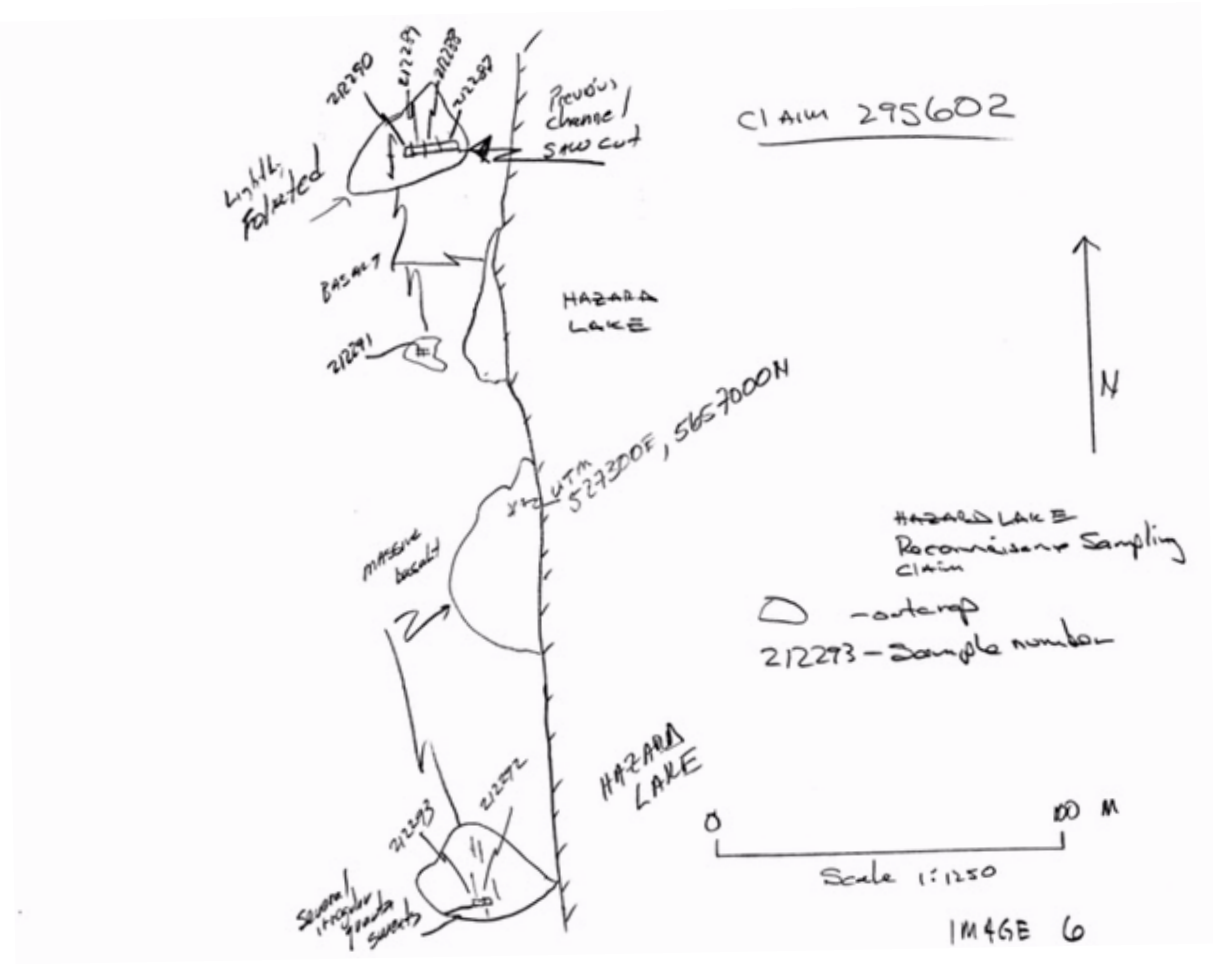

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Image 6 Hazard Area Samples

Drill Collar Pickups—GPS (Kerr) and Reflex Survey

A total of 34 diamond drill holes were reported by St Jude in their various filings for assessment. During late May and early June of 2017, all hole setups except DDH 2 though 11 (these were shallow holes and casing was pulled) and DDH's 24 and 28 were located by the author, cleared of brush and surveyed in by GPS using the same standards as for claim post location. Table 6 details the results

From July 2 through July 16, work was carried out in regards to the downhole surveying of these 34 previously drilled (1993/1994 era) drill holes. The Reflex crews spent five days on site, (July 10 through 14) while the author spent an initial week chain sawing a trail in from Uchi Lake as the surveyors required ATV access to transport their winch, generator and survey equipment from the landing to the drill sites and between collars. On the arrival of the Reflex crew, the author would help the Reflex crew in the morning, then would GPS the Rubicon claim post positions in the afternoon. This GPS report was previously submitted and accepted by MNDM and the all costs are backed out from this work at $400/unit. Neither the Reflex technical data are presented nor the Reflex survey costs claimed herein, as a separate report will be submitted by Argo Gold.

Image 7 Reflex Crew at Site with Downhole Equipment

The holes were never surveyed down-hole in the 1990's. Because of the high-grade nature of the mineralization and the importance of defining these intersections in 3D space, the Reflex

contractor was brought to the property to survey these same holes down-dip and also acquire more accurate azimuth information than that obtained by the author.
An ATV was flown in to Uchi Lake to move their equipment around. The author helped them mobilize in the morning, demobe in the evening, and facilitated their work as the crew was used to working in various mines but not in the bush.

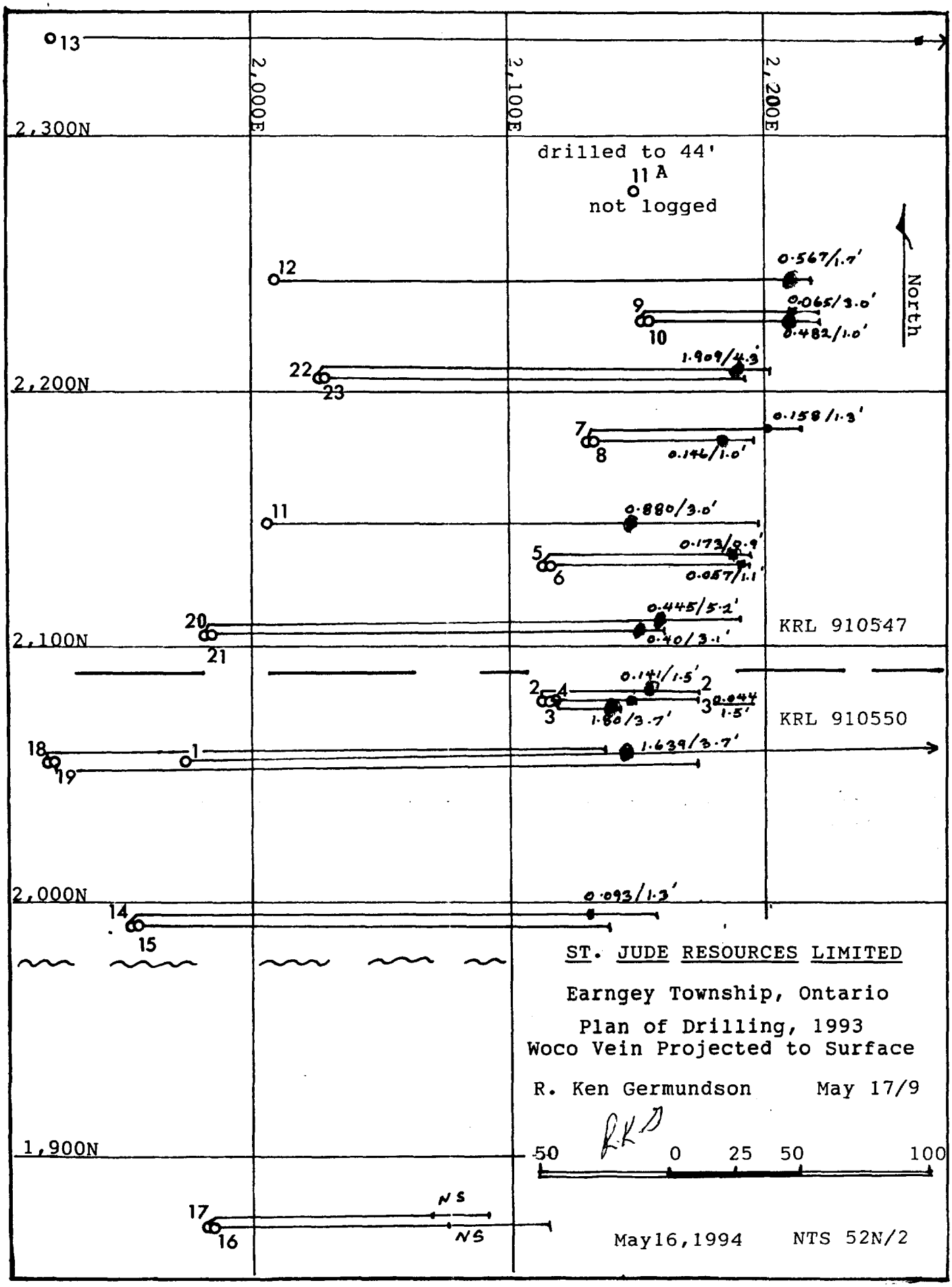

Figure 6 Woco Drill Plan based on Historic Collar Data

Interpretation and Conclusions

Prior to the fieldwork in 2017, the property had last been visited in 1994, before the widespread use of GPS and down hole directional technology. At that time Argo did not know if we any trenches could be located, what shape they would be in, what shape the collars would be in, and the best method to advance the property. The fieldwork was primarily prospecting, sampling, and locating all features of interest to the GPS fabric. Argo also wished to define the claim fabric prior to the implementation of the new MLAS systems.
The field work in 2017 was successful in a number of regards

- The original Woco trench was located, cleared and sampled all along its length. This confirmed that the gold bearing vein at depth continued on to surface, and that the vein on surface was smaller in dimension. From drilling we know that there is a definite increase in width and tenor of the mineralization down dip.
- Drillhole core racks were found, but unfortunately not in condition to allow any relogging.
- The original collars were located and tied in to the GPS fabric. After clearing the brush around and establishing 1990's era trails, an ATV trail was established and a downhole survey crew was brought in to determine the hole azimuths on surface and down hole. This was successful in establishing some significant changes to what was expected from the drill hole logs. Interpretation and 3D modelling is ongoing in preparation for a winter drill programme.
- The Uchi Lake Break, a major throughgoing structure that is associated with the Uchi Lake Deposits to the north, was located in trench (or rather the collapsed trench that was reported sunk on this shear) on our north boundary. This will be either re-trenched or drill tested in 2018.
- The Northgate showing, last trenched in 1937-1942, was located, hand cleared and sampled. Very high grade gold was located at the west end of the structure, so much so that an additional ?? claims were staked as protection.
- GPS claims surveys were completed on both the original Woco claim group (20 units) and the Rubicon group to the west (24) units. Both surveys were submitted to MNDM and approved for assessment credit.
- General prospecting on various other locations on the property did not advance either the Rhyolite trend or the Hazard Lake showing and no further work is recommended on either of these two areas.

The Woco project at this time contains two high grade gold showings which are separated by areas of bog and no ourcrop along a three km length. In addition, the mineralized Uchi Break likes just to the east of the Woco, and the controls of both are unknown at this time. A drill programme is proposed to test the Woco in the deposit area, down dip, and along strike. The Uchi Break is also a high priority target. While the Northgate is very high grade and also larger on surface than the Woco, an initial steep prior to drilling is stripping and washing to identify any geologic controls to the strong gold mineralization.

William Kerr, P.Geo
December 2018/November 2019

Table 1 Woco Trench Sample Descriptions

Woco Vein Sampling				
Sampling started at north end of vein and worked southward.				
Sample #	**Metres south of Zero Point**	**HW, Vein, or FW**	**width of sample (cm)**	**Description**
337901	2.5	NA	40	rusty sheared basalt, few irrg qtz veinlets. Poor sample difficult to get, rounded otc. Fine to med grained almost dioritic looking material. 1% diss sulphines (po?) giving rusty tinge
337902	12.3	HW	40	fine grained 1% dis sulphides, litely shrd, rare qtz vlts
337903	12.3	VN	25	good chip sample, glassy to white fresh quartz, sometimes fractured qtz with yellow staining
337904	12.3	FW	20	lite grey green xtalline dacite looking material, rare sulphides
337905	20	HW	35	basalt with perhaps 30% irrg bull qtz vlts, minor shearing
337906	20	VN	25	glassyt vitreous white shattered bull qtz. Featureless
337907	20.3	FW	40	lite green dacitic unit, strong rusty shear, local paper schist
337908				Blank sample from camp site
337909	22.5	VN	30	glassy and sugary (10%) massive featureless qtz
337910	22.5	FW	35	green massive locally sheared dacites
337911	29.5	HW	33	sheared basalts, some poss dacitic interlayers
337912	29.5	VN	33	massive white vitreous bull qtz, no sulphides
337913	29.5	FW	33	lite grey green dacitic unit, rare foliation parallel q vlts
337914	31.5	HW	25	some green dacitic material, 60% schistose basalt
337915	31.5	VN	25	white featureless bul qtZ
337916	31.5	FW	25	dacites, more competent, less sheared
337917	40.4	HW	60	sheared basalt with some irr q vlts, also thin lenses dacitic material
337918				Blank sample from camp site
337919	40.4	FW	40	dacitic sheared material with basaltic lenses
337920	42.8	HW	40	good friable thinnly laminated basalt, rare sulphides
337921	42.8	VN	20	Germundson Channel sample. Still rusty stain white bull quartz. No sulphides

Woco Vein Sampling				
Sampling started at north end of vein and worked southward.				
Sample #	**Metres south of Zero Point**	**HW, Vein, or FW**	**width of sample (cm)**	**Description**
337922	42.8	FW	40	shistose dacitic zone, 1% diss po,, some brown gossan on surface
337923	49.8	HW	30	relatively massive fg basalt
337924	49.8	VN	20	still bull quartz with glassy vitreous texture, perhaps 1% black amphibole? Not tourmaline
337925	49.8	FW	40	lite green but still soft, dacite, generally massive and unsheared
337926	52.5	HW	25	litely sheared semi-massive basalt only rare sulphides
337927	52.5	VN	30	Germundson Channel sample still white glassy quartz, poss a couple specks sulphides
337928				Blank sample from camp site
337929	54.5	HW	40	sheared foliated basalt, rare 0.5 cm q vlt
337930	54.5	VN	30	granular texture now, amphibles almost black, situ tourmalines, no S, no VG
337931	54.5	FW	40	1 to 2% diss sulphides at contact. 4 cm quartz included in FW sample
337932	77.5	HW	50	Schistose basalt, 30% quartz veinlets, unremarkable
337933	77.5	VN	70	bull white glassy qtz, perhaps 10% sugary texture at margins
337934	77.5	FW	70	massive lite green silicified dacite, rare Q vlts
337935	79	HW	60	massive to locally sheared basalt, rare irrg q vlts to 0.5 cm
337936	79	VN	70	Germundson Channel sample. Featureless white vitreous quartz, no S, no Au vis
337937	79	FW	70	fresh sutface, nice silicified lapilli tuff, not sheared. Vein larger here also. I think the key is this dacite.
337938				Blank sample from camp site
337939	87.3	VN	20	best looking qtz so far, several specks py, very fine, in a sugary groundmass

Woco Vein Sampling				
Sampling started at north end of vein and worked southward.				
Sample #	**Metres south of Zero Point**	**HW, Vein, or FW**	**width of sample (cm)**	**Description**
337940	87.3	FW	30	Dacite material, very coarse, lapilli material, perhaps tourmaline xls here in groundmass.
337941				Tashota Nipigon Trench north boundary, assumed Uchi Break, sheared basalt only, taken for geochem
337942	22.5	HW	13	basalts, relatively massive, med grrain, rare qtz vlts up to 2% diss po layering. Orig smple seq 08, blank inserted there
337943	40.4	VN	25	orig sample seq 18 blank inserted there. White bull vitreous qtz no sulphides, local brown stain on fractures
337944	52.5	FW	30	orig sample seq 28 blank inserted there. Lite green dacitic unit, moderately sheared
337945	87.3	HW	38	Orig sample seq 38 blank inserted there. Featureless sheared basalt, rare very thin q vlts
337946				Duplicate of 337909
337947				Duplicate of 337919
337948				Duplicate of 337929
337949				Duplicate of 337939

Table 2 Woco Sample Analyses

Quality Analysis ... *Innovative Technologies*

Date Submitted: 14-Jun-17
Invoice No.: A17-05992
Invoice Date: 12-Jul-17
Your Reference: WOCO GOLD PROJECT

Argo Gold Inc
365 Bay Street
Suite 400
Toronto ON M5H 2V1
Canada

ATTN: Judy Baker

CERTIFICATE OF ANALYSIS

49 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A17-05992**

Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
337901	1700	< 0.3	57	< 0.3	< 1	< 3	20	102	0.06	6.39	21.6	470	< 1	< 2	< 0.5	2.73	36	20	4	1.4	7.70	3	< 1
337902	< 2	< 0.3	3	< 0.3	< 1	< 3	26	52	< 0.01	5.61	14.9	600	1	< 2	< 0.5	3.18	13	42	4	0.6	3.56	2	< 1
337903	429	< 0.3	15	< 0.3	1	< 3	4	22	0.05	1.10	15.6	130	< 1	< 2	1.5	0.27	4	33	< 1	< 0.2	1.13	< 1	< 1
337904	79	< 0.3	34	< 0.3	1	< 3	23	55	0.05	5.13	5.4	380	< 1	< 2	< 0.5	3.70	8	30	< 1	0.4	1.85	2	< 1
337905	258	< 0.3	11	< 0.3	< 1	< 3	37	96	0.01	7.85	20.9	620	1	< 2	< 0.5	2.17	21	54	3	0.8	4.75	3	< 1
337906	57	< 0.3	3	< 0.3	2	< 3	2	4	< 0.01	1.01	2.9	< 50	1	< 2	4.0	0.36	< 1	49	< 1	< 0.2	0.53	< 1	< 1
337907	661	0.5	23	< 0.3	< 1	5	38	110	0.02	8.23	10.1	550	1	< 2	< 0.5	1.67	21	62	< 1	0.8	3.99	6	< 1
337908	4	< 0.3	53	< 0.3	< 1	< 3	34	92	< 0.01	8.53	1.3	420	< 1	< 2	< 0.5	3.26	33	97	< 1	1.4	6.73	3	< 1
337909	40	< 0.3	38	< 0.3	3	< 3	13	29	0.05	2.52	5.9	380	< 1	< 2	2.5	0.71	10	43	< 1	0.4	1.98	1	< 1
337910	4	0.5	30	< 0.3	1	6	36	67	0.07	8.24	12.2	660	2	< 2	< 0.5	2.42	17	64	< 1	0.6	3.20	4	< 1
337911	1860	< 0.3	29	< 0.3	< 1	6	28	82	0.08	6.80	10.9	790	2	< 2	< 0.5	1.64	18	34	4	0.8	4.26	2	< 1
337912	658	< 0.3	6	< 0.3	2	13	3	13	< 0.01	1.00	2.5	150	< 1	< 2	2.7	0.43	2	42	< 1	< 0.2	0.75	< 1	< 1
337913	7	< 0.3	24	< 0.3	< 1	6	64	106	0.08	8.64	21.0	120	2	< 2	< 0.5	4.83	36	40	< 1	1.0	7.50	3	< 1
337914	385	< 0.3	17	< 0.3	< 1	6	44	99	0.03	8.25	24.6	900	1	< 2	0.7	3.09	23	45	2	0.7	5.39	4	< 1
337915	151	< 0.3	38	< 0.3	2	5	10	33	0.17	1.71	6.7	180	< 1	< 2	2.0	0.94	7	37	< 1	< 0.2	1.44	< 1	< 1
337916	1090	< 0.3	57	0.3	< 1	< 3	20	127	0.36	6.89	15.3	810	1	< 2	< 0.5	4.66	44	14	4	0.8	9.94	4	< 1
337917	4890	0.9	22	< 0.3	< 1	21	27	63	0.09	5.20	28.1	420	< 1	< 2	< 0.5	0.60	14	43	2	0.3	3.15	2	< 1
337918	9	< 0.3	72	< 0.3	< 1	< 3	38	79	0.01	8.21	0.9	260	< 1	< 2	< 0.5	4.58	27	81	< 1	1.2	6.02	2	< 1
337919	181	< 0.3	67	2.1	< 1	42	21	125	0.05	7.33	3.4	170	1	2	< 0.5	5.47	46	21	< 1	1.6	10.5	4	< 1
337920	20	< 0.3	12	0.5	< 1	10	34	87	0.02	6.73	20.8	530	1	< 2	< 0.5	1.78	17	36	3	0.5	3.96	3	< 1
337921	891	< 0.3	6	< 0.3	2	4	3	14	< 0.01	0.89	6.9	140	< 1	< 2	3.9	0.10	2	39	< 1	< 0.2	1.25	< 1	< 1
337922	853	< 0.3	19	< 0.3	< 1	9	9	58	0.02	3.67	93.8	450	1	< 2	< 0.5	0.67	13	22	< 1	0.5	3.77	2	< 1
337923	50	< 0.3	28	< 0.3	< 1	9	53	107	0.10	8.87	16.3	660	2	< 2	< 0.5	4.66	30	50	6	1.1	6.42	4	< 1
337924	1630	< 0.3	3	< 0.3	2	< 3	2	16	< 0.01	0.77	3.3	< 50	< 1	< 2	3.5	0.22	< 1	47	< 1	< 0.2	0.49	< 1	< 1
337925	29	< 0.3	25	< 0.3	< 1	4	18	128	0.02	7.28	7.4	< 50	1	< 2	< 0.5	4.96	50	20	< 1	1.1	10.8	4	< 1
337926	825	< 0.3	26	< 0.3	< 1	8	42	89	0.19	7.38	9.4	510	2	< 2	3.4	4.15	22	48	5	0.7	4.66	3	< 1
337927	1010	0.5	10	< 0.3	2	13	2	9	0.07	0.93	6.1	190	< 1	< 2	3.9	0.30	2	35	< 1	< 0.2	0.77	< 1	< 1
337928	12	< 0.3	80	< 0.3	< 1	< 3	39	90	0.01	8.66	1.3	< 50	< 1	< 2	< 0.5	3.45	36	102	< 1	1.5	7.30	3	< 1
337929	329	< 0.3	36	1.1	< 1	26	44	146	0.07	8.87	11.8	680	1	< 2	< 0.5	3.61	30	49	3	1.0	6.80	4	< 1
337930	5840	13.7	4	< 0.3	2	17	3	21	0.01	0.43	3.1	< 50	< 1	< 2	2.9	0.12	< 1	35	< 1	< 0.2	0.45	< 1	< 1
337931	1130	< 0.3	23	< 0.3	2	12	8	36	0.23	2.43	3.3	170	< 1	< 2	3.4	1.11	11	40	< 1	< 0.2	2.55	< 1	< 1
337932	589	0.3	52	< 0.3	< 1	4	38	92	0.36	6.98	8.0	720	1	< 2	< 0.5	3.05	24	64	4	0.9	5.32	4	< 1
337933	79	< 0.3	6	< 0.3	2	3	2	25	< 0.01	0.88	3.2	< 50	1	< 2	4.3	0.20	< 1	50	< 1	< 0.2	0.77	< 1	< 1
337934	26	< 0.3	62	< 0.3	< 1	10	23	138	0.11	7.67	9.9	340	1	< 2	< 0.5	7.27	39	27	2	1.0	8.55	3	< 1
337935	381	< 0.3	85	< 0.3	< 1	5	32	164	0.56	8.09	5.1	620	1	< 2	< 0.5	2.74	39	45	4	0.9	8.44	4	< 1
337936	4390	3.3	95	< 0.3	3	6	2	14	0.01	0.67	2.7	< 50	< 1	< 2	1.8	0.25	2	28	< 1	< 0.2	0.60	< 1	< 1
337937	16	< 0.3	21	< 0.3	< 1	4	41	100	0.04	7.28	12.1	200	1	< 2	< 0.5	6.15	26	34	< 1	0.9	5.71	3	< 1
337938	7	< 0.3	65	< 0.3	< 1	< 3	32	79	0.01	7.73	1.3	120	< 1	< 2	< 0.5	4.92	33	95	< 1	1.1	6.43	3	< 1
337939	5410	6.0	25	< 0.3	< 1	56	10	108	0.02	2.54	26.4	430	< 1	< 2	< 0.5	2.15	11	46	2	< 0.2	2.38	2	< 1
337940	130	< 0.3	14	< 0.3	< 1	< 3	29	136	0.11	6.41	12.9	280	3	< 2	< 0.5	5.84	16	29	< 1	0.4	3.54	2	< 1
337941	46	< 0.3	56	< 0.3	< 1	< 3	81	98	0.02	7.27	8.9	780	< 1	< 2	< 0.5	2.90	41	107	7	1.1	7.76	4	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
337942	63	< 0.3	23	< 0.3	< 1	4	51	121	0.05	9.20	22.0	1450	1	< 2	< 0.5	4.95	27	60	4	0.9	6.17	4	< 1
337943	3440	2.8	14	< 0.3	1	19	5	25	0.01	1.46	6.8	270	< 1	< 2	1.1	0.17	3	41	< 1	0.2	1.16	< 1	< 1
337944	< 2	< 0.3	46	< 0.3	< 1	5	21	136	< 0.01	7.25	8.2	< 50	1	< 2	< 0.5	5.25	51	15	< 1	0.9	10.4	4	< 1
337945	76	< 0.3	10	< 0.3	< 1	6	44	83	0.03	9.80	10.0	1030	2	< 2	< 0.5	3.89	28	49	4	0.9	5.75	3	< 1
337946	367	< 0.3	5	< 0.3	1	< 3	3	8	0.03	0.84	2.4	120	< 1	< 2	2.8	0.31	2	38	< 1	< 0.2	0.63	< 1	< 1
337947	179	< 0.3	56	< 0.3	< 1	4	21	102	0.03	6.51	11.2	< 50	1	< 2	< 0.5	5.85	40	29	< 1	0.9	9.50	2	< 1
337948	28	< 0.3	20	< 0.3	< 1	3	44	103	0.11	8.82	12.0	710	2	< 2	< 0.5	3.84	26	50	6	0.9	5.89	4	< 1
337949	17600	0.9	33	< 0.3	2	87	5	92	0.03	2.22	6.1	280	< 1	< 2	2.3	0.45	5	34	< 1	< 0.2	1.28	< 1	< 1

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
337901	< 5	2.34	21	2.06	1220	0.95	0.069	92	0.3	26.1	< 3	110	< 0.5	0.18	1.9	< 0.5	105	< 1	32	12.5	31	14	3.6
337902	< 5	2.51	18	1.32	556	0.13	0.034	151	< 0.1	6.8	< 3	62	< 0.5	0.21	2.0	< 0.5	51	< 1	7	10.5	20	10	1.8
337903	< 5	0.49	3	0.15	133	0.10	0.021	17	0.2	1.6	< 3	12	< 0.5	0.04	< 0.2	< 0.5	33	< 1	2	1.0	3	< 5	0.3
337904	< 5	1.89	11	0.66	432	0.21	0.045	43	< 0.1	4.3	< 3	102	< 0.5	0.25	2.3	< 0.5	65	< 1	7	9.4	18	6	1.4
337905	< 5	2.87	22	1.70	794	0.09	0.018	117	0.4	9.7	< 3	56	< 0.5	0.14	3.6	0.7	50	4	11	14.8	30	6	2.5
337906	< 5	0.29	2	0.05	94	0.28	0.007	< 15	0.2	0.4	< 3	56	< 0.5	< 0.01	< 0.2	< 0.5	12	< 1	< 1	0.6	< 3	< 5	0.1
337907	< 5	2.41	20	1.24	903	0.26	0.072	80	0.2	8.6	< 3	69	< 0.5	0.41	6.6	2.7	87	1	20	17.9	39	15	2.9
337908	< 5	0.88	21	3.14	979	3.34	0.100	< 15	< 0.1	24.2	< 3	434	< 0.5	0.37	2.8	< 0.5	156	< 1	19	23.2	50	19	5.3
337909	< 5	1.46	6	0.41	224	0.07	0.096	21	0.1	4.2	< 3	35	< 0.5	0.18	1.3	< 0.5	59	< 1	6	5.9	13	< 5	1.2
337910	< 5	1.79	16	0.99	460	2.70	0.051	< 15	< 0.1	7.3	< 3	229	< 0.5	0.35	4.3	0.6	91	< 1	9	18.6	34	8	2.4
337911	< 5	2.10	19	1.28	683	1.04	0.051	127	< 0.1	7.7	< 3	97	< 0.5	0.38	3.2	< 0.5	95	< 1	10	14.5	30	18	2.6
337912	< 5	0.42	3	0.13	119	0.10	0.020	22	< 0.1	1.0	< 3	19	< 0.5	0.04	0.3	< 0.5	23	< 1	1	1.9	5	< 5	0.3
337913	< 5	0.46	25	2.29	1090	3.10	0.088	< 15	< 0.1	18.5	< 3	316	< 0.5	0.25	3.2	0.6	74	< 1	19	21.9	44	20	4.2
337914	< 5	3.18	27	1.89	807	0.82	0.059	128	0.3	11.5	< 3	81	< 0.5	0.19	4.7	0.7	40	< 1	16	17.3	34	12	3.0
337915	< 5	0.65	5	0.30	229	0.08	0.053	20	0.2	2.6	< 3	36	< 0.5	0.12	0.6	< 0.5	41	< 1	4	3.3	7	6	0.8
337916	< 5	2.16	29	2.31	1370	0.36	0.065	154	< 0.1	30.7	< 3	111	< 0.5	0.29	2.1	< 0.5	154	< 1	31	11.0	26	5	3.3
337917	< 5	2.25	14	0.93	409	0.33	0.074	64	0.2	6.8	< 3	57	< 0.5	0.37	2.0	< 0.5	78	3	9	8.1	18	10	1.6
337918	< 5	0.83	18	2.73	1060	3.37	0.093	< 15	0.3	21.8	< 3	393	< 0.5	0.14	2.5	< 0.5	69	< 1	18	21.4	46	17	4.7
337919	< 5	0.53	22	2.18	1530	0.93	0.075	< 15	0.1	34.5	< 3	212	< 0.5	0.21	2.7	< 0.5	134	< 1	43	12.5	33	9	4.3
337920	< 5	2.40	21	1.40	576	0.65	0.064	119	< 0.1	8.2	< 3	73	< 0.5	0.45	3.7	< 0.5	90	< 1	10	7.7	17	6	1.7
337921	< 5	0.39	3	0.12	124	0.08	0.009	< 15	0.3	1.0	< 3	9	< 0.5	0.04	0.3	< 0.5	23	< 1	< 1	0.7	< 3	< 5	0.1
337922	< 5	0.89	11	0.69	707	0.57	0.048	< 15	< 0.1	9.7	< 3	82	< 0.5	0.28	1.4	< 0.5	92	< 1	12	4.1	11	< 5	1.3
337923	< 5	3.40	25	2.20	908	1.60	0.067	232	0.2	13.6	< 3	205	< 0.5	0.16	3.8	< 0.5	42	< 1	15	22.0	48	17	3.8
337924	< 5	0.13	2	0.05	75	0.37	0.003	< 15	0.1	0.5	< 3	43	< 0.5	0.01	< 0.2	< 0.5	12	< 1	< 1	0.5	< 3	< 5	0.1
337925	< 5	0.15	20	2.47	1540	1.19	0.066	< 15	< 0.1	33.2	< 3	257	< 0.5	0.38	1.8	< 0.5	195	< 1	40	13.6	35	19	4.2
337926	< 5	3.01	23	1.56	678	1.41	0.067	143	0.4	9.8	< 3	188	< 0.5	0.26	3.5	0.9	67	< 1	13	18.7	38	12	3.3
337927	< 5	0.29	2	0.07	79	0.23	0.008	< 15	0.1	1.3	< 3	29	< 0.5	0.04	< 0.2	0.6	34	< 1	< 1	0.6	< 3	< 5	0.1
337928	< 5	0.91	21	3.12	1090	3.67	0.100	30	< 0.1	26.0	< 3	409	< 0.5	0.40	2.5	< 0.5	148	< 1	19	24.1	51	25	5.5
337929	< 5	2.94	31	2.35	964	0.51	0.071	191	0.1	14.4	< 3	99	< 0.5	0.16	3.4	0.6	42	< 1	17	19.8	42	18	3.6
337930	< 5	0.15	2	0.07	93	0.08	0.002	< 15	0.1	0.4	< 3	16	< 0.5	0.02	< 0.2	< 0.5	15	< 1	< 1	0.6	< 3	< 5	0.1
337931	< 5	0.32	5	0.38	421	0.52	0.024	< 15	0.3	5.7	< 3	109	< 0.5	0.19	0.9	< 0.5	65	< 1	7	3.3	10	< 5	0.9
337932	< 5	2.73	25	1.60	632	0.59	0.050	144	< 0.1	13.7	< 3	101	< 0.5	0.42	3.6	< 0.5	117	< 1	17	18.7	39	14	3.2
337933	< 5	0.17	4	0.07	99	0.32	0.003	< 15	0.2	0.9	< 3	63	< 0.5	0.02	< 0.2	< 0.5	16	< 1	< 1	< 0.5	< 3	< 5	0.1
337934	< 5	0.89	20	2.04	2190	0.97	0.073	17	1.0	27.6	< 3	864	< 0.5	0.21	2.3	< 0.5	112	< 1	34	14.3	86	13	4.2
337935	< 5	3.09	31	2.39	891	0.67	0.062	106	< 0.1	27.0	< 3	109	< 0.5	0.46	3.5	< 0.5	129	< 1	28	15.4	44	14	3.8
337936	< 5	0.29	2	0.07	108	0.06	0.009	< 15	0.2	0.7	< 3	16	< 0.5	0.02	0.3	< 0.5	18	< 1	< 1	0.6	< 3	< 5	0.2
337937	< 5	0.58	13	1.38	1480	1.79	0.069	< 15	1.1	14.5	< 3	912	< 0.5	0.36	3.0	< 0.5	114	< 1	18	14.1	32	14	3.0
337938	< 5	0.78	19	2.65	1170	3.97	0.097	< 15	0.2	23.1	< 3	287	< 0.5	0.49	2.8	< 0.5	160	< 1	17	20.6	52	19	5.1
337939	< 5	1.64	10	0.41	1010	0.07	0.048	42	0.2	7.6	< 3	59	< 0.5	0.26	1.1	< 0.5	65	< 1	6	5.0	13	10	1.0
337940	< 5	1.19	17	0.75	2330	1.21	0.046	< 15	0.6	8.1	< 3	863	< 0.5	0.30	1.5	< 0.5	109	< 1	10	8.8	24	< 5	1.8
337941	< 5	1.64	19	2.97	1090	3.37	0.080	< 15	< 0.1	17.7	< 3	212	< 0.5	0.18	2.7	< 0.5	52	< 1	19	19.1	51	19	4.4
337942	< 5	4.39	26	1.91	956	0.12	0.053	169	0.3	13.6	< 3	79	< 0.5	0.20	5.8	0.5	39	< 1	15	23.3	64	18	4.0

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
337943	< 5	0.65	5	0.13	250	0.17	0.026	31	0.1	2.5	< 3	20	< 0.5	0.07	0.4	< 0.5	42	1	4	1.7	< 3	< 5	0.4
337944	< 5	0.43	21	2.69	1540	1.17	0.067	< 15	< 0.1	33.3	< 3	250	< 0.5	0.40	2.3	< 0.5	199	< 1	41	13.5	40	9	4.3
337945	< 5	4.18	33	2.07	962	1.78	0.087	99	0.1	12.2	< 3	178	< 0.5	0.43	4.7	< 0.5	91	< 1	15	20.6	48	13	3.6
337946	< 5	0.28	2	0.10	88	0.06	0.009	< 15	< 0.1	0.9	< 3	23	< 0.5	0.02	< 0.2	< 0.5	25	< 1	< 1	0.5	< 3	< 5	0.2
337947	< 5	0.60	20	1.79	1530	0.55	0.062	< 15	< 0.1	31.6	< 3	210	< 0.5	0.28	1.9	< 0.5	159	< 1	35	9.4	31	12	4.2
337948	< 5	2.41	28	2.02	864	0.89	0.080	128	0.3	11.9	< 3	125	< 0.5	0.72	3.9	< 0.5	129	< 1	16	18.4	46	21	3.6
337949	< 5	1.37	8	0.25	246	0.19	0.016	22	0.1	3.2	< 3	28	< 0.5	0.12	1.0	< 0.5	42	< 1	3	2.4	6	< 5	0.4

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
337901	< 0.02	< 0.5	3.1	0.15	29.0
337902	< 0.02	< 0.5	0.8	< 0.05	28.0
337903	< 0.02	< 0.5	< 0.2	< 0.05	28.7
337904	< 0.02	< 0.5	0.4	< 0.05	31.9
337905	< 0.02	< 0.5	1.0	0.05	29.0
337906	< 0.02	< 0.5	< 0.2	< 0.05	32.9
337907	< 0.02	< 0.5	1.5	0.08	29.7
337908	< 0.02	< 0.5	1.5	< 0.05	29.9
337909	< 0.02	< 0.5	0.5	< 0.05	31.7
337910	< 0.02	< 0.5	0.8	< 0.05	31.5
337911	< 0.02	< 0.5	0.8	< 0.05	30.0
337912	< 0.02	< 0.5	< 0.2	< 0.05	32.8
337913	< 0.02	< 0.5	1.8	< 0.05	32.5
337914	< 0.02	< 0.5	1.3	0.07	28.5
337915	< 0.02	< 0.5	0.3	< 0.05	32.0
337916	< 0.02	< 0.5	3.2	0.17	32.0
337917	< 0.02	< 0.5	0.6	< 0.05	29.9
337918	< 0.02	< 0.5	1.3	0.07	33.0
337919	< 0.02	0.5	3.9	0.20	34.0
337920	< 0.02	< 0.5	0.8	< 0.05	29.9
337921	< 0.02	< 0.5	< 0.2	< 0.05	31.5
337922	< 0.02	< 0.5	1.0	0.06	34.4
337923	< 0.02	< 0.5	1.3	0.05	28.7
337924	< 0.02	< 0.5	< 0.2	< 0.05	33.0
337925	0.04	0.5	4.2	0.18	31.5
337926	< 0.02	< 0.5	1.1	< 0.05	28.4
337927	< 0.02	< 0.5	< 0.2	< 0.05	33.5
337928	< 0.02	< 0.5	1.6	0.08	32.4
337929	< 0.02	< 0.5	1.6	< 0.05	29.7
337930	< 0.02	< 0.5	< 0.2	< 0.05	34.0
337931	< 0.02	< 0.5	0.6	< 0.05	35.4
337932	< 0.02	< 0.5	1.8	0.08	29.3
337933	< 0.02	< 0.5	< 0.2	< 0.05	32.3
337934	< 0.02	< 0.5	3.0	0.14	35.6
337935	< 0.02	< 0.5	2.9	0.15	31.1
337936	< 0.02	< 0.5	< 0.2	< 0.05	32.6
337937	< 0.02	< 0.5	1.5	< 0.05	31.8
337938	< 0.02	< 0.5	1.3	< 0.05	31.7
337939	< 0.02	< 0.5	0.9	< 0.05	31.1
337940	< 0.02	< 0.5	1.1	< 0.05	34.3
337941	< 0.02	< 0.5	1.4	< 0.05	31.5
337942	< 0.02	< 0.5	1.3	< 0.05	28.8

Analyte Symbol	Sn	Tb	Yb	Lu	Mass
Unit Symbol	%	ppm	ppm	ppm	g
Lower Limit	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA
337943	< 0.02	< 0.5	0.3	< 0.05	33.1
337944	< 0.02	0.5	3.6	0.18	33.1
337945	< 0.02	< 0.5	1.5	< 0.05	31.3
337946	< 0.02	< 0.5	< 0.2	< 0.05	32.8
337947	< 0.02	< 0.5	3.0	0.15	34.5
337948	< 0.02	< 0.5	1.3	< 0.05	27.3
337949	< 0.02	< 0.5	< 0.2	< 0.05	31.4

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		31.7		1130	1.9	16	733	42		731		0.26	2.13			1	1390		0.89				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		31.4		1110	2.0	16	730	45		733		0.25	2.25			1	1370		0.90				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-1 Meas		31.6		1110	2.5	16	735	42		730		0.25	2.25			1	1390		0.89				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-4 Meas		3.3		6500	0.3	341	40	41		70		1.77	6.31			2	13		1.07				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.3		6400	< 0.3	338	41	40		69		1.76	6.32			2	14		1.07				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
GXR-4 Meas		3.4		6520	< 0.3	350	44	40		71		1.78	6.63			2	10		1.08				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
SDC-1 Meas				30			20	37		98			8.15			3			1.09				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
SDC-1 Meas				29			21	36		98			7.82			3			1.08				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
GXR-6 Meas		0.5		70	< 0.3	2	93	27		128		0.01	9.47			1	2		0.14				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		0.4		268	< 0.3	2	93	27		136		0.02	12.4			1	< 2		0.17				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
GXR-6 Meas		0.3		67	< 0.3	< 1	91	26		130		0.02	12.2			1	< 2		0.17				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
DNC-1a Meas				94			< 3	247		57													
DNC-1a Cert				100			6.3	247		70													
DNC-1a Meas				97			< 3	255		87													
DNC-1a Cert				100			6.3	247		70													
DNC-1a Meas				94			< 3	248		56													
DNC-1a Cert				100			6.3	247		70													
SBC-1 Meas				29	0.3	2	25	86		178						3	2						
SBC-1 Cert				31.0000	0.40	2	35.0	83		186						3.20	0.70						
SBC-1 Meas				31	0.3	4	25	86		181						3	2						
SBC-1 Cert				31.0000	0.40	2	35.0	83		186						3.20	0.70						
OREAS 45d (4-Acid) Meas				379		< 1	16	248		45		0.04	7.78			< 1	< 2		0.20				
OREAS 45d (4-Acid) Cert				371		2.500	21.8	231.0		45.7		0.049	8.150			0.79	0.31		0.185				
OREAS 45d (4-Acid) Meas				363		2	12	243		42		0.05	7.86			< 1	5		0.20				
OREAS 45d (4-Acid) Cert				371		2.500	21.8	231.0		45.7		0.049	8.150			0.79	0.31		0.185				
OREAS 45d (4-Acid) Meas				374		< 1	20	243		43		0.05	7.99			< 1	< 2		0.20				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
OREAS 45d (4-Acid) Cert				371		2.500	21.8	231.0		45.7		0.049	8.150			0.79	0.31		0.185				
SdAR-M2 (U.S.G.S.) Meas				235	5.4	12	813	52		784						7	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.00 00	5.1	13	808	49		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				238	5.5	11	824	54		790						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.00 00	5.1	13	808	49		760						6.6	1.05						
SdAR-M2 (U.S.G.S.) Meas				233	5.4	13	813	51		782						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.00 00	5.1	13	808	49		760						6.6	1.05						
DMMAS 120 Meas	754													1850	1120					50	139		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	738													1840	1170					52	142		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	713													1810	1070					52	130		
DMMAS 120 Cert	727													1790	1270					47.0	138		
DMMAS 120 Meas	760													1840	1080					52	133		
DMMAS 120 Cert	727													1790	1270					47.0	138		
337901 Orig		< 0.3		66	< 0.3	< 1	< 3	20		104		0.06	6.49			< 1	< 2		2.76				
337901 Dup		< 0.3		48	< 0.3	< 1	< 3	19		101		0.05	6.30			< 1	< 2		2.70				
337932 Orig	598		< 5						< 20		90			8.2	790			< 0.5		25	64	3	0.9
337932 Dup	580		< 5						< 20		120			7.7	640			< 0.5		24	64	4	0.9
337939 Orig		7.3		24	< 0.3	2	57	11		107		0.02	2.48			< 1	< 2		2.15				
337939 Dup		4.6		26	< 0.3	< 1	56	10		110		0.02	2.59			< 1	< 2		2.15				
337941 Orig		< 0.3		55	< 0.3	< 1	< 3	80		98		0.02	7.23			< 1	< 2		2.90				
337941 Dup		< 0.3		56	< 0.3	< 1	3	82		99		0.02	7.31			< 1	< 2		2.91				
337949 Orig	17600	0.9	< 5	33	< 0.3	2	87	5	< 20	92	90	0.03	2.22	6.1	280	< 1	< 2	2.3	0.45	5	34	< 1	< 0.2
337949 Split PREP DUP	18500	5.7	< 5	47	0.3	2	110	7	< 20	94	80	0.03	2.23	7.6	270	< 1	< 2	2.1	0.47	5	44	< 1	< 0.2
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		2	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		3		0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
Method Blank		< 0.3		1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		3	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
GXR-1 Meas					0.05	9	0.22	845		0.059					297		0.03			88		34	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.05	9	0.23	865		0.058					293		0.03			88		33	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-1 Meas					0.05	9	0.22	884		0.058					283		0.03			87		32	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-4 Meas					3.38	11	1.68	172		0.131					215		0.29			88		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					4.28	11	1.66	182		0.130					213		0.28			87		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
GXR-4 Meas					4.30	11	1.69	155		0.132					219		0.29			88		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
SDC-1 Meas					2.97	34	1.00	893		0.055					177		0.14			44			
SDC-1 Cert					2.72	34	1.02	880.00		0.0690					180.00		0.606			102.00			
SDC-1 Meas					2.66	34	0.97	864		0.054					173		0.21			56			
SDC-1 Cert					2.72	34	1.02	880.00		0.0690					180.00		0.606			102.00			
GXR-6 Meas					1.90	32	0.38	1100		0.035					30					198		7	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					2.07	33	0.59	1090		0.037					38					155		14	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
GXR-6 Meas					1.99	32	0.59	1080		0.035					38					122		15	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
DNC-1a Meas						5									131		0.28			139		18	
DNC-1a Cert						5.2									144		0.29			148		18.0	
DNC-1a Meas						5									134		0.30			143		18	
DNC-1a Cert						5.2									144		0.29			148		18.0	
DNC-1a Meas						5									129		0.29			141		17	
DNC-1a Cert						5.2									144		0.29			148		18.0	
SBC-1 Meas						157									181		0.52			217		38	
SBC-1 Cert						163									178.0		0.51			220.0		36.5	
SBC-1 Meas						155									178		0.53			216		39	
SBC-1 Cert						163									178.0		0.51			220.0		36.5	
OREAS 45d (4-Acid) Meas					0.45	21	0.24	491		0.035					31		0.16			103		14	
OREAS 45d (4-Acid) Cert					0.412	21.5	0.245	490.000		0.042					31.30		0.773			235.0		9.53	
OREAS 45d (4-Acid) Meas					0.44	21	0.24	493		0.038					32		0.71			211		14	
OREAS 45d (4-Acid) Cert					0.412	21.5	0.245	490.000		0.042					31.30		0.773			235.0		9.53	
OREAS 45d (4-Acid) Meas					0.44	21	0.24	518		0.034					32		0.29			129		14	
OREAS 45d (4-Acid) Cert					0.412	21.5	0.245	490.000		0.042					31.30		0.773			235.0		9.53	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
SdAR-M2 (U.S.G.S.) Meas						17									139					27		29	
SdAR-M2 (U.S.G.S.) Cert						18									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						17									148					27		31	
SdAR-M2 (U.S.G.S.) Cert						18									144					25.2		32.7	
SdAR-M2 (U.S.G.S.) Meas						18									141					25		30	
SdAR-M2 (U.S.G.S.) Cert						18									144					25.2		32.7	
DMMAS 120 Meas	3.75								2.23			7.4	6.6						15.1				17.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.68								2.17			6.3	6.5						13.2				18.0
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.85								2.18			6.0	6.5						16.0				18.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
DMMAS 120 Meas	3.84								2.15			6.2	6.6						11.4				18.5
DMMAS 120 Cert	3.54								2.16			7.30	6.50						11.7				17.6
337901 Orig					2.47	21	2.09	1230		0.070					110		0.21			113		32	
337901 Dup					2.21	21	2.03	1210		0.068					109		0.14			98		31	
337932 Orig	5.35	4	< 1	< 5					0.60		129	< 0.1	13.8	< 3		< 0.5		3.8	< 0.5		< 1		18.9
337932 Dup	5.28	3	< 1	< 5					0.58		158	< 0.1	13.6	< 3		< 0.5		3.4	< 0.5		< 1		18.5
337939 Orig					1.18	11	0.41	1010		0.049					59		0.27			69		6	
337939 Dup					2.10	10	0.41	1000		0.048					59		0.24			62		6	
337941 Orig					1.60	19	2.96	1090		0.079					211		0.16			51		19	
337941 Dup					1.68	19	2.98	1090		0.082					214		0.20			53		19	
337949 Orig	1.28	< 1	< 1	< 5	1.37	8	0.25	246	0.19	0.016	22	0.1	3.2	< 3	28	< 0.5	0.12	1.0	< 0.5	42	< 1	3	2.4
337949 Split PREP DUP	1.55	< 1	< 1	< 5	1.50	8	0.25	275	0.19	0.016	20	< 0.1	3.2	< 3	29	< 0.5	0.12	0.7	< 0.5	43	< 1	3	2.3
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-1 Meas								
GXR-1 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
GXR-4 Meas								
GXR-4 Cert								
SDC-1 Meas								
SDC-1 Cert								
SDC-1 Meas								
SDC-1 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
GXR-6 Meas								
GXR-6 Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
DNC-1a Meas								
DNC-1a Cert								
SBC-1 Meas								
SBC-1 Cert								
SBC-1 Meas								
SBC-1 Cert								
OREAS 45d (4-Acid) Meas								
OREAS 45d (4-Acid) Cert								
OREAS 45d (4-Acid) Meas								
OREAS 45d (4-Acid) Cert								
OREAS 45d (4-Acid) Meas								
OREAS 45d (4-Acid) Cert								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
SdAR-M2 (U.S.G.S.) Meas								
SdAR-M2 (U.S.G.S.) Cert								
DMMAS 120 Meas	34		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	35		2.5					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	30		2.4					
DMMAS 120 Cert	32.0		2.70					
DMMAS 120 Meas	31		2.6					
DMMAS 120 Cert	32.0		2.70					
337901 Orig								
337901 Dup								
337932 Orig	38	13	3.2	< 0.02	< 0.5	1.7	0.07	30.3
337932 Dup	39	16	3.2	< 0.02	< 0.5	1.8	0.08	28.2
337939 Orig								
337939 Dup								
337941 Orig								
337941 Dup								
337949 Orig	6	< 5	0.4	< 0.02	< 0.5	< 0.2	< 0.05	31.4
337949 Split PREP DUP	5	< 5	0.4	< 0.02	< 0.5	< 0.2	< 0.05	27.7
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								
Method Blank								

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05	
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
Method Blank								
Method Blank	< 3	< 5	< 0.1	< 0.02	< 0.5	< 0.2	< 0.05	30.0

Table 3 Northgate Trench Sampling Description

Sample Number	Analysis (gt/m)	Description
212251	14.3/1*	70% glassy quartz, rusty stained basaltic interbedded and wall rocks
212252	0.184/1	40% glassy quartz,included in samples. South wall
212253	4.75/1*	brown/yellow pytiferous quartz and sheared basalt. Almost looks like rods plunging 80deg to west.
212254	0.487/1	50% is brn stained quatz to south. Balance sheared basalt, local py to 1%
212255	0.123/1	50% grey green quartz, local pyrite in sheared basalt, rest of sample
212256	0.24/0.8	30% irrg qtz veinlets in sheared basalt
212257	0.789/1	20% irrg pyritic qtz vlts, very thin in sheared basalt
212258	6.16/1*^	100% chip channel here. 100% glassy vitreous quartz, with two seams narrow, tourmalie crystals
212260	4.77/0.8*	Flank sample, massive basalt
212261	0.119/0.9	100% massive and sheared basalt, no quartz whatsoever
212262	0.207/0.55	Very strongly foliated paper schist, with up to 30% qtz vlts included in vertical structure
212263	13.3/0.5*	Looked like flank sample but is all rusty quartz
212264	1.23/1	massive basalt, no shearing flank sample
212265	2.14/1.1	50% massive glassy quartz, 50% basalt with interbedded vlts qtz
212266	0.933/0.45	Strongly foliated basalt with 10% thin qtz vlts
212267	27.4/0.65*	30% glassy and clear and pyritic qtz, remaining is strongly sheared basalt
212268	1.84/0.65^	massive but fractured bull qtz vein, 80deg dip to north
212270	1.09/0.5	Basalt paper schist, vertical and along trench wall, no veinlets
212271	0.074/1	good sample, sericitic friable sheared--vertically--basalt with 70% quartz vns/flts, pyritic. Nice looking zone
212272	0.053/0.7	Almost identical to above but with only 40% qtz
212273	0.502/1	Primarily sericitic basalts, strongly sheared at 040 to trench direction (to SE), Rare qtz vlts.
212274	0.094/1	True Chip Channel. Strongly foliated basalt, rare quartz vlts. Paper schist, minor pyrite
212275	0.119/0.6	moderately sheared basalt 40% qtz vlts/vns, several generation qtz--glassy/sugary/sild with py to 2%
212276	0.048/0.5	Basalt, poor sample, hard to get. May be sampling along strike, massive, no vlts at all
212277	0.023/0.8	very striking massive glassy and yellow pyritic quartz with 10% large irrg tourmaline vns and vlts!
212278	0.87/0.3^	massive basalt, hw sample only minor q vlts
212280	1.55/0.45	90% bull massive qtz, rounded outcrop, hard to sample, but true chip channel eventually
212281	0.062/0.25	Flank sample but 50% qtz vns and vltsin sheared basalt
212282	0.078/0.3	sheared basalt, minor 5% q vlts only
212283	4.74/0.4*	massive glassy sugary quartz. True chip channel

Note: Results denoted with an "*" are analytical method FA-GRAV, all others are INAA

Note: Results denoted with an "^" are averaged values of the same analytical method

Table 4 Northgate and Hazard Sample Analyses

Quality Analysis ... *Innovative Technologies*

Date Submitted: 27-Sep-17
Invoice No.: A17-10604
Invoice Date: 16-Nov-17
Your Reference:

Argo Gold Inc
365 Bay Street
Suite 400
Toronto ON M5H 2V1
Canada

ATTN: Judy Baker

CERTIFICATE OF ANALYSIS

49 Rock samples were submitted for analysis.

The following analytical package(s) were requested: Code 1H INAA(INAAGEO)/Total Digestion ICP(TOTAL)

REPORT **A17-10604**

Notes:

Elements which exceed the upper limits should be analyzed by assay techniques. Some elements are reported by multiple techniques. These are indicated by MULT.

CERTIFIED BY:

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
212251	9000	0.3	32	< 0.3	3	5	30	32	0.72	2.36	10.4	170	< 1	< 2	2.3	1.34	13	81	< 1	0.5	3.06	2	< 1
212252	184	< 0.3	54	< 0.3	< 1	5	49	90	0.25	5.16	3.7	640	1	2	< 0.5	3.93	25	105	2	0.8	5.22	2	< 1
212253	3820	0.6	73	< 0.3	5	8	72	75	0.54	6.03	3.6	590	2	4	< 0.5	1.83	23	104	2	0.7	5.46	3	< 1
212254	487	< 0.3	17	< 0.3	< 1	5	28	36	0.03	6.34	3.0	600	2	< 2	1.6	0.49	6	99	< 1	0.5	2.08	3	< 1
212255	123	< 0.3	69	< 0.3	< 1	8	93	87	0.64	5.72	5.7	590	1	5	< 0.5	4.91	33	130	4	1.0	6.61	2	< 1
212256	240	< 0.3	99	< 0.3	< 1	9	106	110	0.22	6.62	9.4	550	1	< 2	< 0.5	4.21	43	141	1	1.1	8.11	3	< 1
212257	789	< 0.3	75	< 0.3	< 1	10	49	105	0.53	6.83	2.4	340	2	3	< 0.5	3.89	29	42	2	1.0	6.89	2	< 1
212258	12700	1.8	9	< 0.3	3	17	5	7	0.01	0.27	1.5	< 50	< 1	< 2	4.2	0.03	2	64	< 1	< 0.2	0.55	< 1	< 1
212259	51	< 0.3	82	< 0.3	< 1	< 3	41	96	0.01	8.49	2.0	290	< 1	3	< 0.5	2.56	31	116	< 1	1.5	7.68	3	< 1
212260	3820	< 0.3	49	0.3	< 1	14	67	85	0.14	6.69	4.0	470	1	< 2	2.0	4.41	37	72	2	0.9	6.95	2	< 1
212261	119	< 0.3	29	< 0.3	< 1	< 3	81	82	0.15	5.54	< 0.5	360	< 1	4	< 0.5	5.06	29	87	2	1.2	5.22	3	< 1
212262	207	0.3	41	< 0.3	< 1	6	73	72	0.19	7.18	4.6	570	1	2	< 0.5	3.89	24	79	1	1.0	4.33	3	< 1
212263	11100	0.5	11	< 0.3	2	38	4	17	0.03	0.28	2.4	< 50	< 1	< 2	1.4	0.04	2	49	< 1	< 0.2	0.52	< 1	< 1
212264	1230	< 0.3	58	< 0.3	< 1	5	105	80	1.00	6.67	7.8	310	1	6	1.0	3.41	36	104	< 1	1.5	5.28	3	< 1
212265	2140	< 0.3	18	< 0.3	4	5	56	38	0.77	2.44	6.7	80	< 1	3	5.3	3.16	16	81	< 1	0.5	3.22	1	< 1
212266	933	< 0.3	94	0.3	< 1	5	85	103	1.01	6.66	40.3	350	2	5	< 0.5	3.73	36	122	1	0.9	6.54	2	< 1
212267	19700	1.7	40	< 0.3	2	3	58	44	1.62	4.64	229	470	2	5	0.7	1.65	18	90	< 1	0.4	3.53	1	< 1
212268	2050	< 0.3	16	< 0.3	2	< 3	39	43	0.64	2.81	70.1	220	< 1	< 2	0.9	1.93	11	67	< 1	0.3	2.38	< 1	< 1
212269	37	< 0.3	138	< 0.3	< 1	< 3	41	91	0.02	8.33	< 0.5	400	< 1	5	< 0.5	2.62	30	98	< 1	1.1	6.70	2	< 1
212270	1090	< 0.3	66	< 0.3	< 1	6	89	132	0.50	8.04	23.3	510	2	4	< 0.5	3.61	35	75	2	1.0	7.08	2	< 1
212271	74	< 0.3	51	< 0.3	3	< 3	21	23	0.07	4.93	8.0	510	1	< 2	< 0.5	0.68	7	66	1	< 0.2	1.79	2	< 1
212272	53	< 0.3	19	< 0.3	5	< 3	22	30	0.09	5.98	5.0	670	1	< 2	< 0.5	0.85	9	61	< 1	0.5	2.09	3	< 1
212273	502	< 0.3	51	< 0.3	< 1	< 3	43	54	0.13	7.10	9.6	650	2	< 2	< 0.5	1.58	21	63	3	1.3	3.83	3	< 1
212274	94	< 0.3	24	< 0.3	3	293	28	38	0.05	6.15	4.9	630	1	< 2	1.7	3.21	9	68	1	1.1	2.33	3	< 1
212275	119	< 0.3	20	< 0.3	3	5	17	30	0.05	3.94	8.4	330	< 1	< 2	2.0	4.72	5	61	< 1	1.3	2.02	2	< 1
212276	48	< 0.3	75	0.4	< 1	10	116	101	0.27	9.36	53.9	590	2	< 2	0.6	2.45	30	95	< 1	2.6	5.46	3	< 1
212277	23	< 0.3	5	< 0.3	2	< 3	10	25	< 0.01	1.13	0.8	< 50	< 1	< 2	8.8	0.16	2	49	< 1	< 0.2	0.71	< 1	< 1
212278	104	< 0.3	61	< 0.3	< 1	5	102	95	0.17	7.86	4.7	700	2	5	< 0.5	1.05	36	121	4	2.3	6.67	4	< 1
212279	21	< 0.3	67	< 0.3	< 1	< 3	42	97	0.01	8.67	< 0.5	140	< 1	7	< 0.5	2.77	29	101	< 1	2.5	6.61	3	< 1
212280	1550	< 0.3	11	< 0.3	2	14	4	10	< 0.01	0.51	1.8	< 50	< 1	< 2	5.1	0.05	2	59	< 1	< 0.2	0.51	< 1	< 1
212281	62	< 0.3	31	< 0.3	< 1	6	33	26	0.09	1.55	3.2	160	< 1	< 2	7.8	0.46	7	63	< 1	1.1	1.54	1	< 1
212282	78	< 0.3	30	< 0.3	< 1	5	33	59	0.08	7.20	3.0	530	2	< 2	< 0.5	0.86	11	58	3	1.3	2.90	3	< 1
212283	4050	< 0.3	18	< 0.3	2	15	10	21	0.02	0.71	4.8	< 50	< 1	< 2	2.2	0.04	3	52	< 1	< 0.2	0.93	< 1	< 1
212284	3760	0.9	6	< 0.3	3	10	3	8	< 0.01	0.24	1.5	< 50	< 1	< 2	3.7	0.01	1	76	< 1	< 0.2	0.43	< 1	< 1
212285	1640	< 0.3	18	< 0.3	2	4	45	46	0.99	3.25	82.2	210	1	< 2	0.6	1.21	14	70	1	0.4	2.64	< 1	< 1
212286	142	< 0.3	82	< 0.3	< 1	6	115	99	0.20	8.05	5.6	810	2	4	< 0.5	0.76	38	107	5	1.0	6.64	3	< 1
212287	27	< 0.3	39	0.3	< 1	< 3	56	77	0.01	7.59	< 0.5	370	< 1	3	< 0.5	3.91	30	126	3	1.1	7.29	3	< 1
212288	26	< 0.3	60	< 0.3	< 1	< 3	75	82	< 0.01	7.48	< 0.5	< 50	< 1	5	< 0.5	4.04	32	175	1	1.0	7.55	3	< 1
212289	30	< 0.3	22	0.4	< 1	< 3	53	43	0.10	6.39	< 0.5	< 50	< 1	< 2	< 0.5	0.95	19	89	3	0.4	14.1	3	< 1
212290	24	< 0.3	5	< 0.3	< 1	< 3	100	49	< 0.01	7.27	< 0.5	300	1	2	< 0.5	3.64	27	226	4	1.7	7.78	4	< 1
212291	26	< 0.3	9	< 0.3	2	< 3	6	14	0.02	1.08	1.2	< 50	< 1	< 2	4.3	1.10	3	62	< 1	< 0.2	2.31	< 1	< 1

Analyte Symbol	Au	Ag	Cu	Cd	Mo	Pb	Ni	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu	Fe	Hf	Hg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm
Lower Limit	2	0.3	1	0.3	1	3	1	1	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2	0.01	1	1
Method Code	INAA	MULT INAA / TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	MULT INAA / TD-ICP	MULT INAA / TD-ICP	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	INAA	INAA	INAA
212292	24	< 0.3	53	< 0.3	1	< 3	11	37	0.09	3.88	1.5	360	< 1	< 2	3.4	2.18	8	86	2	0.5	3.09	< 1	< 1
212293	29	< 0.3	5	< 0.3	< 1	< 3	43	64	< 0.01	5.89	0.9	150	< 1	< 2	< 0.5	1.70	21	137	1	1.4	5.52	2	< 1
212294	11	0.3	4	< 0.3	1	< 3	3	10	0.07	6.17	7.6	660	2	< 2	< 0.5	2.32	4	33	< 1	1.3	2.27	8	< 1
212295	< 2	0.3	35	< 0.3	< 1	< 3	8	14	0.03	6.53	10.3	270	1	< 2	< 0.5	1.67	3	62	< 1	1.8	1.90	9	< 1
212296	5	0.5	12	< 0.3	2	< 3	5	14	0.02	6.33	5.6	290	1	< 2	< 0.5	1.52	< 1	54	< 1	0.8	1.88	8	< 1
212297	11	0.5	25	< 0.3	2	< 3	6	13	0.08	6.10	10.9	110	1	< 2	< 0.5	1.40	1	45	< 1	0.8	1.70	9	< 1
212298	17	0.4	16	< 0.3	2	< 3	7	13	0.12	5.17	11.8	280	1	< 2	< 0.5	1.28	3	44	< 1	1.1	1.73	7	1
212299	18	0.5	10	< 0.3	3	< 3	6	11	0.02	4.65	3.8	160	< 1	< 2	< 0.5	1.30	2	52	< 1	1.2	1.63	9	< 1

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
212251	< 5	1.16	7	0.48	617	0.16	0.043	34	0.3	6.3	< 3	37	< 0.5	0.29	0.5	< 0.5	68	1	6	6.6	15	14	1.6
212252	< 5	2.39	17	1.36	934	0.22	0.057	73	0.3	14.8	< 3	104	< 0.5	0.41	0.7	< 0.5	118	< 1	10	8.6	21	9	2.6
212253	< 5	2.64	17	1.01	492	0.10	0.049	110	0.2	12.5	< 3	70	< 0.5	0.44	2.3	< 0.5	130	< 1	10	14.1	33	10	2.8
212254	< 5	2.63	13	0.41	173	0.71	0.022	103	0.2	5.1	< 3	60	< 0.5	0.13	2.7	0.7	48	2	6	12.4	24	8	1.6
212255	< 5	2.98	20	1.82	932	0.22	0.071	113	< 0.1	14.9	< 3	132	< 0.5	0.55	1.9	0.7	130	3	13	13.4	33	18	3.0
212256	< 5	2.77	22	2.46	905	0.14	0.068	74	< 0.1	19.3	< 3	103	< 0.5	0.29	2.8	< 0.5	94	< 1	14	17.3	43	19	4.0
212257	< 5	2.56	21	2.25	973	1.75	0.071	82	0.1	16.0	< 3	164	< 0.5	0.43	1.7	< 0.5	86	< 1	14	13.0	31	15	3.3
212258	< 5	0.09	< 1	0.03	58	0.04	< 0.001	< 15	0.2	0.3	< 3	9	< 0.5	< 0.01	< 0.2	< 0.5	7	< 1	< 1	0.6	< 3	< 5	0.1
212259	< 5	0.99	24	3.48	986	3.44	0.102	< 15	0.2	24.8	< 3	370	< 0.5	0.47	2.7	< 0.5	199	< 1	20	22.0	70	22	5.4
212260	< 5	2.75	24	2.65	947	0.98	0.038	54	0.3	15.2	< 3	152	< 0.5	0.30	1.4	< 0.5	108	< 1	13	13.4	32	11	3.2
212261	< 5	1.61	15	1.17	879	3.43	0.104	75	< 0.1	13.8	< 3	153	< 0.5	0.46	1.6	< 0.5	84	< 1	12	16.9	38	15	4.3
212262	< 5	2.44	15	1.32	645	1.68	0.062	125	0.3	10.4	< 3	151	< 0.5	0.38	3.0	0.6	98	< 1	11	20.8	41	21	3.4
212263	< 5	0.10	< 1	0.02	70	0.07	0.002	< 15	0.2	0.4	< 3	9	< 0.5	0.01	< 0.2	< 0.5	7	< 1	< 1	0.9	< 3	< 5	0.1
212264	< 5	1.70	14	1.25	825	3.05	0.105	< 15	0.2	13.6	< 3	137	< 0.5	0.60	1.4	< 0.5	78	< 1	14	17.8	57	17	4.4
212265	< 5	0.94	7	1.16	644	0.56	0.035	< 15	< 0.1	7.1	< 3	84	< 0.5	0.41	0.6	< 0.5	97	1	7	7.9	18	13	1.8
212266	< 5	2.69	21	2.57	1080	0.17	0.063	108	0.5	15.9	< 3	132	< 0.5	0.59	1.2	< 0.5	169	10	11	12.4	30	9	3.0
212267	< 5	2.34	9	0.72	428	0.09	0.058	76	0.4	8.4	< 3	77	< 0.5	0.51	1.1	< 0.5	114	17	8	10.2	23	19	2.3
212268	< 5	1.22	6	0.79	490	0.10	0.042	44	0.2	4.4	< 3	89	< 0.5	0.26	0.3	< 0.5	66	11	6	5.4	16	8	1.3
212269	< 5	1.04	23	3.31	945	3.00	0.106	< 15	0.2	22.3	< 3	397	< 0.5	0.53	2.8	0.6	209	< 1	21	17.9	41	19	4.9
212270	< 5	3.60	24	2.62	1040	0.11	0.041	138	0.3	15.0	< 3	142	< 0.5	0.52	2.3	< 0.5	126	10	14	13.2	30	16	3.1
212271	< 5	1.60	7	0.31	263	1.77	0.017	27	0.4	3.8	< 3	64	< 0.5	0.18	1.7	< 0.5	102	< 1	4	8.0	16	10	1.1
212272	< 5	1.92	9	0.38	275	1.84	0.034	44	0.3	3.2	< 3	65	< 0.5	0.18	2.4	< 0.5	61	< 1	5	7.7	14	6	1.3
212273	< 5	2.68	17	0.48	550	0.86	0.070	102	0.8	14.5	< 3	63	< 0.5	0.33	2.8	< 0.5	132	< 1	10	9.4	18	15	2.0
212274	< 5	2.58	11	0.40	416	0.99	0.031	71	0.5	3.9	< 3	101	< 0.5	0.20	2.8	0.9	50	< 1	5	11.1	21	9	1.4
212275	< 5	1.59	6	0.61	474	0.75	0.045	44	0.5	2.7	< 3	130	< 0.5	0.13	1.5	0.5	47	3	6	8.6	16	9	1.4
212276	< 5	4.15	20	1.51	1160	0.18	0.096	78	0.9	14.4	< 3	196	< 0.5	0.30	2.5	0.7	127	< 1	17	19.4	41	22	4.3
212277	< 5	0.03	< 1	0.24	68	0.10	0.007	< 15	0.1	0.9	< 3	81	< 0.5	0.04	< 0.2	< 0.5	33	< 1	< 1	1.4	< 3	< 5	0.3
212278	< 5	4.16	23	1.35	924	0.17	0.090	127	0.5	15.2	< 3	52	< 0.5	0.54	3.2	1.1	126	2	17	16.3	37	22	3.5
212279	< 5	0.90	24	3.41	1020	3.31	0.116	< 15	< 0.1	21.8	< 3	393	< 0.5	0.66	2.8	< 0.5	238	< 1	21	21.1	45	25	5.2
212280	< 5	0.19	< 1	0.05	78	0.07	0.001	< 15	0.1	0.5	< 3	17	< 0.5	0.01	< 0.2	< 0.5	12	< 1	< 1	0.9	< 3	< 5	0.1
212281	< 5	0.78	3	0.27	269	0.07	0.020	16	0.6	2.1	< 3	17	< 0.5	0.15	2.4	< 0.5	20	< 1	6	11.4	22	12	2.0
212282	< 5	2.58	13	0.72	472	2.16	0.040	116	0.5	5.4	< 3	120	< 0.5	0.25	2.8	0.5	55	< 1	7	8.1	20	8	1.8
212283	< 5	0.10	1	0.12	170	0.16	0.002	< 15	0.3	1.0	< 3	38	< 0.5	0.04	< 0.2	< 0.5	17	< 1	1	2.2	4	6	0.3
212284	< 5	0.07	< 1	0.03	44	0.04	< 0.001	< 15	0.1	0.4	< 3	8	< 0.5	< 0.01	0.2	< 0.5	7	< 1	< 1	< 0.5	< 3	< 5	< 0.1
212285	< 5	1.33	7	0.65	423	0.10	0.037	17	0.2	5.2	< 3	75	< 0.5	0.30	1.0	< 0.5	74	11	7	5.0	11	10	1.2
212286	< 5	3.78	24	1.13	1000	0.11	0.101	153	0.8	15.2	< 3	47	< 0.5	0.51	2.5	< 0.5	136	2	18	15.4	39	25	3.6
212287	< 5	0.77	23	2.43	1000	3.20	0.068	40	< 0.1	21.6	< 3	279	< 0.5	0.42	2.1	< 0.5	151	< 1	21	15.3	34	16	3.4
212288	< 5	0.52	24	2.34	1240	3.58	0.065	21	< 0.1	21.6	< 3	271	< 0.5	0.53	2.0	< 0.5	172	< 1	18	12.3	26	13	2.8
212289	< 5	0.38	14	3.14	1290	0.80	0.088	< 15	< 0.1	8.7	< 3	70	< 0.5	0.38	3.2	0.7	93	< 1	11	11.2	26	13	1.9
212290	< 5	1.18	37	3.71	1040	2.31	0.106	32	< 0.1	16.2	< 3	265	< 0.5	0.41	5.1	2.9	133	< 1	18	33.6	70	40	4.8
212291	< 5	0.07	2	0.45	256	0.20	0.008	< 15	0.2	1.3	< 3	64	< 0.5	0.05	0.2	< 0.5	23	< 1	2	1.4	< 3	< 5	0.3
212292	< 5	0.73	10	0.77	479	1.44	0.052	< 15	< 0.1	9.1	< 3	179	< 0.5	0.25	0.9	< 0.5	114	< 1	9	6.5	16	9	1.5

Analyte Symbol	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La	Ce	Nd	Sm
Unit Symbol	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5	3	5	0.1
Method Code	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
212293	< 5	0.53	21	1.88	799	2.62	0.083	< 15	< 0.1	15.3	< 3	201	< 0.5	0.16	1.4	< 0.5	46	< 1	23	13.3	29	21	2.7
212294	< 5	2.89	6	0.64	499	0.21	0.011	91	1.0	4.8	< 3	29	1.0	0.15	9.2	2.6	11	< 1	30	32.2	74	32	6.2
212295	< 5	1.27	2	0.27	321	3.43	0.012	< 15	0.5	4.4	< 3	67	< 0.5	0.18	9.7	4.0	12	< 1	26	88.6	178	56	9.6
212296	< 5	1.14	2	0.26	346	3.49	0.003	34	0.9	4.3	< 3	64	< 0.5	0.14	10.5	3.0	13	< 1	17	11.8	31	7	2.7
212297	< 5	0.85	2	0.26	258	3.74	0.011	< 15	0.9	4.0	< 3	103	< 0.5	0.13	9.9	3.8	10	< 1	33	59.4	125	56	8.8
212298	< 5	1.17	2	0.19	253	2.37	0.008	< 15	0.4	0.9	< 3	47	< 0.5	0.09	6.0	1.9	5	< 1	15	41.7	92	42	6.1
212299	< 5	0.95	2	0.27	253	3.72	0.011	18	0.6	4.2	< 3	53	< 0.5	0.12	10.1	3.5	7	< 1	21	46.0	97	39	7.1

Analyte Symbol	Sn	Tb	Yb	Lu	Mass	Au
Unit Symbol	%	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.02	0.5	0.2	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	FA-GRA
212251	< 0.02	< 0.5	0.6	< 0.05	33.0	14.3
212252	< 0.02	< 0.5	1.0	0.07	29.0	
212253	< 0.02	< 0.5	1.0	0.07	29.2	4.75
212254	< 0.02	< 0.5	0.6	< 0.05	30.0	
212255	< 0.02	< 0.5	1.3	0.07	30.7	
212256	< 0.02	< 0.5	1.7	0.10	28.8	
212257	< 0.02	< 0.5	1.7	0.11	32.1	
212258	< 0.02	< 0.5	< 0.2	< 0.05	32.4	7.19
212259	< 0.02	< 0.5	1.5	0.15	28.9	
212260	< 0.02	< 0.5	1.4	0.09	29.1	4.77
212261	< 0.02	< 0.5	1.4	< 0.05	29.6	
212262	< 0.02	< 0.5	0.8	< 0.05	28.3	
212263	< 0.02	< 0.5	< 0.2	< 0.05	30.8	13.3
212264	< 0.02	< 0.5	1.3	< 0.05	31.3	
212265	< 0.02	< 0.5	0.7	< 0.05	30.6	
212266	< 0.02	< 0.5	1.4	< 0.05	30.6	
212267	< 0.02	< 0.5	0.9	< 0.05	27.7	27.4
212268	< 0.02	< 0.5	0.7	< 0.05	30.8	
212269	< 0.02	< 0.5	1.6	0.11	31.8	
212270	< 0.02	< 0.5	1.6	0.09	28.2	
212271	< 0.02	< 0.5	0.4	< 0.05	28.6	
212272	0.03	< 0.5	0.2	0.06	29.6	
212273	< 0.02	< 0.5	1.2	0.09	31.0	
212274	0.03	< 0.5	0.4	< 0.05	28.7	
212275	< 0.02	< 0.5	0.4	< 0.05	32.2	
212276	< 0.02	0.6	1.3	0.05	30.2	
212277	< 0.02	< 0.5	< 0.2	< 0.05	33.9	
212278	< 0.02	0.5	1.7	0.11	30.3	
212279	< 0.02	< 0.5	1.6	0.08	30.0	
212280	< 0.02	< 0.5	< 0.2	< 0.05	35.0	
212281	< 0.02	< 0.5	0.5	< 0.05	32.2	
212282	< 0.02	< 0.5	0.6	< 0.05	29.9	
212283	< 0.02	< 0.5	< 0.2	< 0.05	33.6	4.74
212284	< 0.02	< 0.5	< 0.2	< 0.05	36.4	5.12
212285	< 0.02	< 0.5	0.4	< 0.05	34.8	
212286	< 0.02	0.6	1.5	0.13	28.6	
212287	< 0.02	< 0.5	1.6	0.10	34.7	
212288	< 0.02	< 0.5	1.6	0.08	32.1	
212289	< 0.02	< 0.5	0.8	0.10	32.9	
212290	< 0.02	< 0.5	1.1	0.07	31.4	
212291	< 0.02	< 0.5	< 0.2	< 0.05	33.8	

Analyte Symbol	Sn	Tb	Yb	Lu	Mass	Au
Unit Symbol	%	ppm	ppm	ppm	g	g/tonne
Lower Limit	0.02	0.5	0.2	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	FA-GRA
212292	< 0.02	< 0.5	0.8	< 0.05	33.8	
212293	< 0.02	< 0.5	1.6	0.11	32.3	
212294	< 0.02	1.1	4.7	0.67	28.8	
212295	< 0.02	0.8	4.0	0.56	35.4	
212296	< 0.02	< 0.5	3.4	0.46	31.5	
212297	< 0.02	0.7	4.7	0.66	30.8	
212298	< 0.02	< 0.5	2.5	0.38	29.4	
212299	< 0.02	< 0.5	5.1	0.68	29.4	

Analyte Symbol	Au	Ag	Ag	Cu	Cd	Mo	Pb	Ni	Ni	Zn	Zn	S	Al	As	Ba	Be	Bi	Br	Ca	Co	Cr	Cs	Eu
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
Lower Limit	2	0.3	5	1	0.3	1	3	1	20	1	50	0.01	0.01	0.5	50	1	2	0.5	0.01	1	2	1	0.2
Method Code	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	TD-ICP	TD-ICP	INAA	INAA	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA
GXR-1 Meas		32.0		1210	3.3	15	755	44		751		0.26	2.03			1	1400		0.97				
GXR-1 Cert		31.0		1110	3.30	18.0	730	41.0		760		0.257	3.52			1.22	1380		0.960				
GXR-4 Meas		3.1		6420	< 0.3	320	45	43		69		1.80	6.55			2	9		1.12				
GXR-4 Cert		4.0		6520	0.860	310	52.0	42.0		73.0		1.77	7.20			1.90	19.0		1.01				
SDC-1 Meas				30			22	38		101			7.91			3			1.16				
SDC-1 Cert				30.000			25.00	38.0		103.00			8.34			3.00			1.00				
GXR-6 Meas		0.4		68	< 0.3	< 1	92	28		127		< 0.01	12.6			1	4		0.21				
GXR-6 Cert		1.30		66.0	1.00	2.40	101	27.0		118		0.0160	17.7			1.40	0.290		0.180				
DNC-1a Meas				97			3	256		57													
DNC-1a Cert				100			6.3	247		70													
SBC-1 Meas				33	0.7	1	25	89		181						4	5						
SBC-1 Cert				31.0000	0.40	2	35.0	83		186						3.20	0.70						
OxK110 Meas																							
OxK110 Cert																							
OXN117 Meas																							
OXN117 Cert																							
SdAR-M2 (U.S.G.S.) Meas				248	5.5	12	807	56		793						8	< 2						
SdAR-M2 (U.S.G.S.) Cert				236.0000	5.1	13	808	49		760						6.6	1.05						
OREAS 907 (INAA) Meas	105										200			38.5	2360					48		7	1.6
OREAS 907 (INAA) Cert	100										206			40.4	2480					45.8		6.35	1.64
212257 Orig		< 0.3		74	< 0.3	< 1	10	48		104		0.52	6.69			2	3		3.83				
212257 Dup		< 0.3		76	< 0.3	< 1	10	49		106		0.55	6.96			2	3		3.96				
212267 Orig																							
212267 Dup																							
212280 Orig		< 0.3		11	< 0.3	3	14	4		10		< 0.01	0.51			< 1	< 2		0.05				
212280 Dup		< 0.3		11	< 0.3	2	14	4		10		0.01	0.51			< 1	< 2		0.05				
212282 Orig	72	< 0.3	< 5	30	< 0.3	< 1	5	33	< 20	58	< 50	0.08	7.25	3.0	590	2	< 2	< 0.5	0.87	11	60	3	1.3
212282 Dup	84	< 0.3	< 5	30	< 0.3	1	4	33	< 20	59	< 50	0.08	7.14	3.0	460	2	< 2	< 0.5	0.86	11	57	3	1.3
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank	< 2		< 5						< 20		< 50			< 0.5	< 50			< 0.5		< 1	< 2	< 1	< 0.2
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	< 0.01			< 1	< 2		< 0.01				
Method Blank		< 0.3		< 1	< 0.3	< 1	< 3	< 1		< 1		< 0.01	0.02			< 1	< 2		< 0.01				
Method Blank																							

Analyte Symbol	Fe	Hf	Hg	Ir	K	Li	Mg	Mn	Na	P	Rb	Sb	Sc	Se	Sr	Ta	Ti	Th	U	V	W	Y	La
Unit Symbol	%	ppm	ppm	ppb	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	1	1	5	0.01	1	0.01	1	0.01	0.001	15	0.1	0.1	3	1	0.5	0.01	0.2	0.5	2	1	1	0.5
Method Code	INAA	INAA	INAA	INAA	TD-ICP	TD-ICP	TD-ICP	TD-ICP	INAA	TD-ICP	INAA	INAA	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA	INAA	TD-ICP	INAA	TD-ICP	INAA
GXR-1 Meas					0.04	8	0.22	896		0.060					303		0.03			90		34	
GXR-1 Cert					0.050	8.20	0.217	852		0.0650					275		0.036			80.0		32.0	
GXR-4 Meas					2.64	11	1.73	153		0.134					216		0.29			88		16	
GXR-4 Cert					4.01	11.1	1.66	155		0.120					221		0.29			87.0		14.0	
SDC-1 Meas					1.72	35	1.04	932		0.058					182		0.31			69			
SDC-1 Cert					2.72	34	1.02	880.00		0.0690					180.00		0.606			102.00			
GXR-6 Meas					1.34	36	0.64	1130		0.037					43					191		16	
GXR-6 Cert					1.87	32.0	0.609	1010		0.0350					35.0					186		14.0	
DNC-1a Meas						5									136		0.29			143		18	
DNC-1a Cert						5.2									144		0.29			148		18.0	
SBC-1 Meas						186									232		0.55			223		60	
SBC-1 Cert						163									178.0		0.51			220.0		36.5	
OxK110 Meas																							
OxK110 Cert																							
OXN117 Meas																							
OXN117 Cert																							
SdAR-M2 (U.S.G.S.) Meas						18									150					27		31	
SdAR-M2 (U.S.G.S.) Cert						18									144					25.2		32.7	
OREAS 907 (INAA) Meas	8.52	7									130	3.3	4.8			< 0.5		13.2	4.4		< 1		42.1
OREAS 907 (INAA) Cert	8.95	6.94									124	3.49	4.73			1.30		13.3	4.66		3.46		44.2
212257 Orig					2.48	20	2.21	956		0.071					159		0.45			89		14	
212257 Dup					2.63	21	2.29	990		0.072					168		0.40			84		14	
212267 Orig																							
212267 Dup																							
212280 Orig					0.19	< 1	0.05	81		0.001					17		0.01			12		< 1	
212280 Dup					0.19	< 1	0.05	75		0.001					17		0.01			12		< 1	
212282 Orig	2.88	3	< 1	< 5	2.67	13	0.72	467	2.21	0.039	107	0.5	5.5	< 3	121	< 0.5	0.20	2.8	0.6	51	3	7	8.4
212282 Dup	2.92	3	< 1	< 5	2.49	13	0.71	477	2.11	0.042	124	0.4	5.3	< 3	119	< 0.5	0.29	2.7	0.5	59	< 1	7	7.9
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank	< 0.01	< 1	< 1	< 5					< 0.01		< 15	< 0.1	< 0.1	< 3		< 0.5		< 0.2	< 0.5		< 1		< 0.5
Method Blank					< 0.01	< 1	< 0.01			< 0.001					< 1		< 0.01			< 2		< 1	
Method Blank					< 0.01	< 1	< 0.01			< 0.001					1		< 0.01			< 2		< 1	
Method Blank																							

Analyte Symbol	Ce	Nd	Sm	Sn	Tb	Yb	Lu	Mass	Au
Unit Symbol	ppm	ppm	ppm	%	ppm	ppm	ppm	g	g/tonne
Lower Limit	3	5	0.1	0.02	0.5	0.2	0.05		0.03
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FA-GRA
GXR-1 Meas									
GXR-1 Cert									
GXR-4 Meas									
GXR-4 Cert									
SDC-1 Meas									
SDC-1 Cert									
GXR-6 Meas									
GXR-6 Cert									
DNC-1a Meas									
DNC-1a Cert									
SBC-1 Meas									
SBC-1 Cert									
OxK110 Meas									3.69
OxK110 Cert									3.602
OXN117 Meas									7.56
OXN117 Cert									7.679
SdAR-M2 (U.S.G.S.) Meas									
SdAR-M2 (U.S.G.S.) Cert									
OREAS 907 (INAA) Meas	84	36	6.9		< 0.5	0.9	0.12		
OREAS 907 (INAA) Cert	88.0	37.4	7.20		0.770	0.980	0.130		
212257 Orig									
212257 Dup									
212267 Orig									27.1
212267 Dup									27.7
212280 Orig									
212280 Dup									
212282 Orig	20	10	1.8	< 0.02	< 0.5	0.6	< 0.05	30.0	
212282 Dup	21	7	1.8	< 0.02	< 0.5	0.6	< 0.05	29.9	
Method Blank									
Method Blank									
Method Blank	< 3	< 5	< 0.1	< 0.02	< 0.5	< 0.2	< 0.05	30.0	
Method Blank									
Method Blank									
Method Blank									< 0.03

Table 5 Hazard Sample and Location Data

Item	Easting	Northing	Comments		
Orofino Channel	527278	5657110	A 4.3 metre channel cut on this outcrop only. Outcrop is lightly sheared basalts, no quartz, no sulphides greater than 1%		
212287	527278	5657110	1.0 Metre length		
212288	527278	5657110	1.0 Metre length		
212289	527278	5657110	1.0 Metre length		
212290	527278	5657110	1.3 Metre Length		
possible collapsed trench	527271	5657089	4 metres in length oriented SE. No outcrop at all, filled in. A 10' piece of drill rod, west boundary		
212291	527279	5657051	4" quartz vein, fractured, in thin non-trenched seam		
212292, 212293	527281	5657133	Several irregular quartz sweats in basalt, non trenched. 92 is 1.0 metre chip, 93 is 0.6 m.		
Old camp location	527301	5657173			
line	527296	5656923	old winter cut line @ 090 degrees		
line	527305	5656876	old winter cut line @ 090 degrees		

Table 6 Initial Kerr GPS Drill Hole Location Surveys

Drill Holes									
Hole ID	**E**	**N**	**error (m)**	**Camera List**	**Notes**				
BL 07 90	527603	5656363	3	img_0220	Premier? NQ casing				
1	527793	5656549	4	IMG_239, IMG_240	No tag found, Iron Poker here				
2	MIA (Missing)								
3	MIA								
4	MIA								
5	MIA								
6	MIA								
7	MIA								
8	MIA								
9	MIA								
10	MIA								
11	MIA								
12	527808	5656604	3	img_248, img_249	No tag found				
13	527799	5656638	3	IMG_252, IMG_253					
14	527789	5656536	5	IMG_231,	Both casing here, -45 is 2 feet ahead				
15	527789	5656536	3	IMG_232, IMG_233, IMG_234					
16	527801	5656491	4	IMG_228, IMG_229, IMG_230					
17	527801	5656491	4	IMG_228, IMG_229, IMG_230	casing at 55 visible, other casing not seen. Tag # 17 embedded in ground @ 45 dip. Tag 16 here also				w
18	527780	5656548	4						
19	527780	5656548	4	IMG_235, IMG_236, IMG_237, IMG_238	Both casing ok, but no tags seens				
20	527794	5656566	3	IMG_241, IMG_242,	Tag only for hole 21. Angle of casing -= 20 degrees. Must have bent/broke/unscrewed.				
21	527794	5656566	3	IMG_243					
22	527810	5656594	3	IMG_244, IMG_245, IMG_246, img_247	`				
23	527810	5656594	3	IMG_244, IMG_245, IMG_246, img_247	`				
24	MIA								
25	527814	5656579	3	IMG_250,					
26	527814	5656579	3	IMG_251					
27									
28	MIA								
29				IMG_244,					
30				IMG_245,					
31				IMG_246,					
32	527810	5656594	3	img_247	`				
33	527827	5656627	2	IMG_254,,					
34	only one ca			IMG_255, IMG_256					
Un-named	527765	5656555	3	IMG_293, IMG_1	NQ Casing, AZ~~95, dip ~~60 Premier?				
Notes									
1	If Argo decides to survey (downhole) the casings, we should bring a screw type fishing tool as the old post markers ore often several inches down from the collar								
2	bring in shovel once ground thaws to see if 20,21 casing has unscrewed or those pieces are just markers								
3	Cluster holes--the more recent holes are at least 30 degrees azimuth to the north from the due -east older holes								
4	12 or 28. must be sorted								

Daily Log May to August 2017				
Personnel	Date	Activity	Activity Detail	Days Claimed
William Kerr	May 17	Sampling	Prospecting South Boundary. 910549, 910550. Three old core racks	1
William Kerr	May 18	Locate and GPS old 1993/1994 Drill Collars	Start picking up drill collars	0
William Kerr	May 19	Locate and GPS old 1993/1994 Drill Collars	Pick up and clear drill collars	0
William Kerr	May 20	Locate and GPS old 1993/1994 Drill Collars	Finish picking up and documenting drill collars. Build dock	0
William Kerr	May 21	Sampling	Locate Woco Trench, clear	1
William Kerr	May 22	Sampling	Wet. Recon Uchi Mine, find landing, trail to Woco day one	1
William Kerr	May 23	Sampling	Pick up posts	0.5
William Kerr	May 24	Sampling	Pick up posts	0.5
William Kerr	May 25	Sampling	Pick up posts. Locate Uchi Break trench behind old EW trail at north boundary	0.5
William Kerr	May 26	Sampling	Pick up posts	0.5
William Kerr	May 27	Sampling	last day pick up posts-- lakeshore work	0.5
William Kerr	May 28	Sampling	Clear/chain saw Woco Trench	1
William Kerr	May 29	Sampling	Picket mark up trnch for sampling	1
William Kerr	May 30	Sampling	Chip sampling and geology trench	1
William Kerr	June 1	Sampling	chip sampling and geology trench	1
William Kerr	June 2	Sampling	Hump out 2 batch of samples	1

William Kerr	June 3	Sampling	Hump out 2 batch of samples	1
William Kerr	June 4	Sampling	prospect west rhyolite area samples and drill site	1
William Kerr	June 5	Sampling	cut portage from Uchi to Art and from Art to hazard Lakes	1
William Kerr	June 6	Sampling	Pick up posts west of Hazard and Art Lakes	0.5
William Kerr	June 7	Sampling	Break camp Demobe to Red Lake Palletize gear	1
William Kerr	June 8			0
William Kerr	June 9	Demobe to YYZ		1
William Kerr	June 10	Demobe to YYZ		1
			Total Days	17

Work Activity May Through August 2017

Date From	Date To	Operator	Work Type	Total Days
May 1, 2017	June 30, 2017	William C. Kerr	Sampling	17
			Total Days	17

Activity Cost May through August 2017

Work Type	Man Days	Rate/Day	Amount
Sampling	17	750	$ 12,750.00
	Total		$ 12,750.00

Expense	Amount (minus HST)	mount Applicable
Assays	$ 1,813.00	$ 1,813.00
Personal Transportation	$ 234.00	$ 117.00
Supplies	$ 2,025.19	$ 820.66
Rental	$ 378.00	$ 189.00
Sample Shipping	$ 51.88	$ 25.94
Food	$ 834.12	$ 417.06
Lodging	$ 370.90	$ 185.45
Shipping Supplies	$ 91.20	$ 45.60
Access Trail Blazing	$ 62.65	$ 31.32
Contract Mob/Demob	$ 3,391.00	$ 1,695.00
Total	$ 9,251.94	$ 5,340.03

Note: costs reflect a % of expenses applicable only to the work being claimed

Work Distribution By Claim, May Through August, 2017

Claim No.	Total Days
210133	11
324817	0.5
210130	0.5
101931	0.5
276828	0.5
202746	1
288921	1
116976	1
202748	1
Total Days	17

Daily Log September, 2017

Personnel	Date	Activity	Activity Detail	Days Clai
William Kerr	Sept 11	Sampling	Rubicon Project Meet OGS Geo in am, get three maps. Mobe in to Lodge Dock at Uchi Lake, canoe freight over 4 trips in heavy winds .Set up camp.	1
William Kerr	Sept 12	Sampling	Northgate. Cut trail in to showing area, locate showing, clear trenches, picket length/GPS pickets	1
William Kerr	Sept 13	Sampling	Set up sampling--marking, measuring, start sampling. Completed 212251 through 212270. Hump out samples	1
William Kerr	Sept 14	Sampling	Complete sampling to 212283. Collect HS samples. Look for drill hole casing/old setups, none found. Hump out samples	1
William Kerr	Sept 15	Sampling	Clean out portages, low lake levels.. Go to Hazard Lake and search for Orofino Showing	1
William Kerr	Sept 16	Sampling	Rain. Finalize Hazard. Demobe when ceiling lifts late in day	1
William Kerr	Sept 17	Sampling	Palletize gear. Drive to Thunder Bay	1
William Kerr	Sept 18	Sampling	Fly Toronto. Upload data for Google Drive. Organize Gear shipment for Tuesday pickup	1
			Total	8

Work Activity September, 2017

Date From	Date To	Operator	Work Type	Total Days
Sept 1, 2017	Sept 30, 207	William C. Kerr	Sampling	8
Sept 1, 2017				
			Total Days	8

Activity Cost Sept. 2017

Work Type	Man Days	Rate/Day	Amount
Sampling	8	$ 750.00	$ 6,000.00
		Total	$ 6,000.00

Expenses Sept 2017

Expense	Amount (No HST)	
Assays	Expense	Amount (No HST)
Personal Transporta	Assays	$ 1,725.30
Supplies	Personal Transportation	$ 20.08
Rental	Supplies	$ 98.68
Food	Rental	$ 668.05
Lodging	Food	$ 591.19
Shipping Supplies	Lodging	$ 211.32
Access Trail Blazing	Shipping Supplies	$ 499.66
Contract Mob/Dem	Access Trail Blazing	$ 442.17
Total	Contract Mob/Demob	$ 2,543.89
	Total	$ 6,800.34

Work Distribution By Claim, September, 2017

Claim No.	Total Days
286996	1.6
222877	1.6
156931	1.6
295545	1.6
295602	1.6
Total	8

Legend

- Claims Woked May-Aug, 2017
- Claims Worked Sept, 2017
- Argo Woco Claims

0 0.25 0.5 1 1.5 2
Kilometers

N

540930 540938
312129 156790
288791 288790
276180 295546 295545 295602 324817 210130
EARNGEY
114995 126993 295603 324845 210133 228967 296185 540939
312693 101940 101931 276828 288921 116976 288923 288792 202748 540945 540946
230904 223634 210817 325479 296183 276177 114993 276175 162295
504583 504584 313428 229637 202746 325481 325480 276178 295540 162275 324824
504585 323025 222877 286996 156931 222876 162931 278126 202747 325478 156269 162276
504586 504587 504563 504564 504565 504566 325460 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

SLATE
LAKE
AREA

Woco Gold Property

Argo Gold
Claims Worked
May Through September 2017

524000 524500 525000 525500 526000 526500 527000 527500 528000 528500 529000 529500 530000

5660000 5659500 5659000 5658500 5658000 5657500 5657000 5656500 5656000 5655500 5655000 5654500 5654000 5653500 5653000 5652500 5652000 5651500 5651000

Daily Log	Woco Project
May-14	Mobe to Red Lake day 1
May-15	Mobe to Red Lake day 2
May-16	Fly to site, set up camp
May-17	Walked South Boundary. 910549, 910550. Three old core racks
May-18	Start picking up drill collars
May-19	Pick up and clear drill collars
May-20	Finish picking up and documenting drill collars. Build dock
May-21	Locate Woco Trench, clear
May-22	Wet. Recon Uchi Mine, find landing, trail to Woco day one
May-23	Pick up posts
May-24	Pick up posts
May-25	Pick up posts. Locate Uchi Break trench behind old EW trail at north boundary
May-26	Pick up posts
May-27	last day pick up posts--lakeshore work
May-28	Clear/chain saw Woco Trench
May-29	Picket mark up trnch for sampling
May-30	Chip sampling and geology trench
May-31	chip sampling and geology trench
Jun-01	Hump out 2 batch of samples
Jun-02	Hump out 2 batch of samples
Jun-03	pick up west rhyolite area samples and drill site
Jun-04	cut portage from Uchi to Art and from Art to hazard Lakes
Jun-05	Pick up posts west of Hazard and Art Lakes
Jun-06	Break camp Demobe to Red Lake Palletize geaar
Jun-08	Demobe to YYZ
Jun-09	Demobe to YYZ
Jul-02	Fly to Thunder Bay/Drive to Dryden/Overnight there
Jul-03	Drive to Cochenour/Fly to site/clear road to Uchi Mine
Jul-04	Clear track to end of Uchi Mine/Woco track
Jul-05	Clear track as far as DDH Muskeg
Jul-06	Reroute track around bad muskeg, clear to hole 28/29 etc
Jul-07	Finish cutting to farthest south hole. Build dock
Jul-08	GPS posts pickup southern Rubicon Claim
Jul-09	Final walk through all ATV track ok/build loading ramp
Jul-10	Reflex Crew. Mobe in Equipment to site
Jul-11	Help crew. Rubicon posts in afternoon
Jul-12	Help crew. Rubicon posts in afternoon
Jul-13	Help crew. Rubicon posts in afternoon
Jul-14	Reflex Crew Demobe equip to Red Lake/Walk Hydro line
Jul-15	Demobe ATV/gear to Red Lake. Drive to Dryden
Jul-16	Drive to Thunder Bay. Fly To Toronto
Aug-18	Travel YYZ to YTB, Drive to Red Lake
Aug-19	Consolidate Gear/service gear/prepare for flight 20th
Sep-11	Rubicon Project Meet OGS Geo in am, get three maps. Mobe in to Lodge Dock at Uchi Lake, canoe freight over 4 trips in heavy winds .Set up camp.
Sep-12	Northgate. Cut trail in to showing area, locate showing, clear trenches, picket length/GPS pickets
Sep-13	Set up sampling--marking, measuring, start sampling. Completed 212251 through 212270. Hump out samples
Sep-14	Complete sampling to 212283. Collect HS samples. Look for drill hole casing/old setups, none found. Hump out samples
Sep-15	Clean out portages, low lake levels.. Go to Hazard Lake and search for Orofino Showing. Sample area.
Sep-16	Rain. Demobe when ceiling lifts late in day
Sep-17	Palletize gear. Drive to Thunder Bay
Sep-18	Fly Toronto. Upload data for Google Drive. Organize Gear shipment for Tuesday pickup